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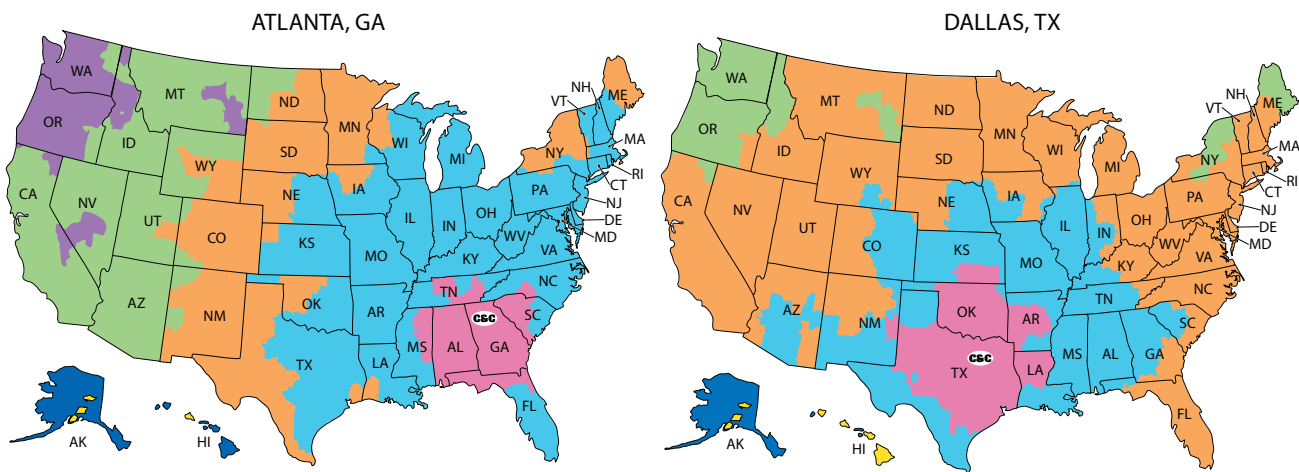
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Text items & quantities – or – send a photo of your PO and text the image to us



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WEG, Baldor & Marathon 1-Phase ODP Electric Motors



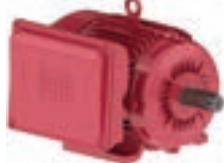
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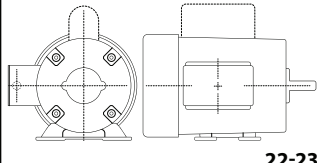
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EATON DEFINITE PURPOSE MAGNETIC STARTERS

- Eaton definite purpose magnetic starters (A27 & B27) include C25 contactor and XT adjustable overload relay in NEMA 1 enclosure
- No heaters required
- Class 10 trip class
- Trip-free mechanism



EATON DEFINITE PURPOSE MAGNETIC STARTERS

MODEL	HP	PHASE	CONTACTOR AMPERAGE	ENCLOSURE H x W x D	AMP RANGE	COIL VOLTAGE VAC
B27CGF30B-040	5	SINGLE	30	10.2 x 5.6 x 5.8	24 - 40	208 - 240
B27CGF40B-040	7.5	SINGLE	40	10.2 x 5.6 x 5.8	24 - 40	208 - 240
B27CGF45B-057	10	SINGLE	45	10.2 x 5.6 x 5.8	30 - 45	208 - 240
A27CGD25B-016	5	THREE	25	10.2 x 5.6 x 5.8	10 - 16	208 - 240
A27CGD25B-024	5 - 7.5	THREE	25	10.2 x 5.6 x 5.8	16 - 24	208 - 240
A27CGF30B-040	7.5 - 10	THREE	30	10.2 x 5.6 x 5.8	24 - 40	208 - 240
A27CGF40B-040	10	THREE	40	10.2 x 5.6 x 5.8	24 - 40	208 - 240
A27CGF45B-057	15	THREE	45	10.2 x 5.6 x 5.8	30 - 45	208 - 240
A27CGD15C-010	5	THREE	15	10.2 x 5.6 x 5.8	6 - 10	440 - 480
A27CGD25C-016	5 - 7.5	THREE	25	10.2 x 5.6 x 5.8	10 - 16	440 - 480
A27CGF30C-024	15	THREE	30	10.2 x 5.6 x 5.8	16 - 24	440 - 480
A27CGF40C-040	20	THREE	40	10.2 x 5.6 x 5.8	24 - 40	440 - 480
A27CGF45C-040	25	THREE	45	10.2 x 5.6 x 5.8	24 - 40	440 - 480
B27CGF40A-040	—	SINGLE	40	10.2 x 5.6 x 5.8	24 - 40	110 - 120
A27CGF40A-040	—	THREE	40	10.2 x 5.6 x 5.8	24 - 40	110 - 120

- Follow local codes for wire size and connections
- Use properly sized leads to reduce voltage drop at start-up
- For wiring and spec sheets, email info@controlsandcomponents.com
- Eaton Definite Purpose Starters are 3-Phase, 3-Pole
- B27 1-Phase units include a factory-installed jumper from L2 to T2
- Remove jumper for 3-Phase; install jumper for 1-Phase



Service Technician Tip:

The 24 - 40 Amp A27CGF40B040 can be used to replace smaller 208 - 230V industrial applications, from 5HP & 7.5HP 1-Phase to 7.5HP & 10HP 3-Phase.

Minimum 208 - 230V Application:
21Amp motor with 1.15 SF = 24.15 SFA

Maximum 208 - 230V Application:
35Amp motor with 1.15 SF = 40 SFA

For the most reliable motor protection, select starter based on the FLA current reading on the motor plate. Always confirm the supply voltage to ensure safe installation of motor controls.

AUXILIARY CONTACTS HOA SELECTOR SWITCH

MODEL	DESCRIPTION
C320KG1	1 N/O AUX CONTACT
C320KG2	1 N/C AUX CONTACT
C320KG3	1 N/O & 1 N/C AUX CONTACT
C600M12	HOA ON / OFF SELECTOR



C320KG



C600M12

REPLACEMENT COILS FOR EATON DP CONTACTORS

MODEL	COIL VAC / C25 CONTACTOR
9-3185-1	110 - 120V / 15A - 40A
9-3185-2	208 - 230V / 15A - 40A
9-3185-3	440 - 480V / 15A - 40A
9-3185-6	24VAC / 15A - 40A
9-3186-1	110 - 120V / 45A
9-3186-2	208 - 240V / 45A
9-3186-3	440 - 480V / 45A
9-3186-6	24VAC / 45A



EATON DP ADJUSTABLE OVERLOAD RELAYS

MODEL	AMP RANGE	C25 CONTACTOR
XTOB1P6CC1DP	1 - 1.6	15A - 25A
XTOB2P4CC1DP	1.6 - 2.4	15A - 25A
XTOB004CC1DP	2.4 - 4	15A - 25A
XTOB006CC1DP	4 - 6	15A - 25A
XTOB010CC1DP	6 - 10	15A - 25A
XTOB016CC1DP	10 - 16	15A - 25A
XTOB024CC1DP	16 - 24	15A - 25A
XTOB010DC1DP	6 - 10	30A - 45A
XTOB016DC1DP	10 - 16	30A - 45A
XTOB024DC1DP	16 - 24	30A - 45A
XTOB040DC1DP	24 - 40	30A - 45A
XTOB057DC1DP	40 - 57	30A - 45A



EATON THREE PHASE IEC MAGNETIC STARTERS

- XT IEC series with non-reversing starters, overload relays, and accessories; engineered for higher performance than traditional IEC controls
- Enclosed options with metallic enclosures, circuit breakers, and North American or European fuses
- Complete units include IEC 3-Pole contactor, adjustable overload relay, and NEMA 1 metallic enclosure
- Electronic coil controller reduces power use and heat, allows denser cabinet mounting, and extends pilot device life
- No heaters required



EATON THREE (3) PHASE IEC MAGNETIC STARTERS

MODEL	HP	CONTACTOR AMPERAGE	ENCLOSURE H x W x D	AMP RANGE	FRAME SIZE	COIL VOLTAGE VAC
ECX09F1BAA-L	5	18	9.5 x 5.6 x 4.9	12 - 16	C	240
ECX09G1EAA-M	5	25	9.5 x 5.6 x 4.9	16 - 24	C	208
ECX09G1BAA-M	7.5	25	9.5 x 5.6 x 4.9	16 - 24	C	240
ECX09H1BAA-N	10	32	12.6 x 7.75 x 5.9	24 - 32	C	240
ECX09J1BAA-P	10	40	12.6 x 7.75 x 5.9	24 - 40	D	240
ECX09J1EAA-P	10	40	12.6 x 7.75 x 5.9	24 - 40	D	208
EXC09K1BAA-Q	15	50	12.6 x 7.75 x 5.9	40 - 57	D	240
EXC09L1BAA-R	20	65	12.6 x 7.75 x 5.9	50 - 65	D	240
ECX09L1EAA-R	20	65	12.6 x 7.75 x 5.9	50 - 65	D	208
EXC09C1CAA-J	5	9	9.5 x 5.6 x 4.9	6 - 10	B	480
EXC09D1CAA-K	7.5	12	9.5 x 5.6 x 4.9	9 - 12	B	480
EXC09F1CAA-L	10	18	9.5 x 5.6 x 4.9	12 - 16	C	480
EXC09G1CAA-M	15	25	12.6 x 7.75 x 5.9	16 - 24	C	480
EXC09H1CAA-N	20	32	12.6 x 7.75 x 5.9	24 - 32	C	480
ECX09J1CAA-P	25	40	12.6 x 7.75 x 5.9	24 - 40	D	480
ECX09J1AAA-P	—	40	12.6 x 7.75 x 5.9	24 - 40	D	120

- Eaton XT IEC starters are 3-Phase, 3-Pole
- Convert 3-Phase 3-Pole to 1-Phase 2-Pole by adding jumper wire from L2 to T2
- Follow local codes for wire size and connections
- Use properly sized leads to reduce voltage drop at start-up
- For wiring and spec sheets, email info@controlsandcomponents.com



AUXILIARY CONTACTS AND HOA SELECTOR SWITCH

MODEL	DESCRIPTION
C400GK3	WITH MOUNTING FLANGE
XTCEXSBN11	SIDE MOUNT 1 N/0 1 N/C



REPLACEMENT COILS FOR EATON IEC CONTACTORS

MODEL	COIL VAC / XT CONTACTOR
XTCERENCOILCE	208V 18A - 32A
XTCERENCOILDE	208V 40A - 65A
XTCERENCOILCB	240V 18A - 32A
XTCERENCOILDB	240V 40A - 65A
XTCERENCOILCC	480V 18A - 32A
XTCERENCOILDC	480V 40A - 65A
XTCERENCOILCA	120V 18A - 32A
XTCERENCOILDA	120V 40A - 65A



EATON IEC ADJUSTABLE OVERLOAD RELAYS

MODEL	AMP RANGE	FRAME SIZE
XTOB010BC1	6 - 10	B
XTOB012BC1	9 - 12	B
XTOB016CC1	12 - 16	C
XTOB024CC1	16 - 24	C
XTOB032CC1	24 - 32	C
XTOB040DC1	24 - 40	D
XTOB057DC1	40 - 57	D
XTOB065DC1	50 - 65	D
XTOB070GC1	50 - 70	G
XTOB100GC1	70 - 100	G



STEPS TO CHOOSE CORRECT MAGNETIC STARTER:

Send by **EMAIL:** info@controlsandcomponents.com or **TEXT:** 678-986-0346

- 1 A photo of the entire starter (include overload relay if applicable)
- 2 The incoming voltage to the motor (208V, 230V, 460V, etc.)
- 3 Contactor coil voltage — rarely on nameplate/OEM; check stamped value on the coil (usually behind L1/L2/L3)

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SQUARE D DEFINITE PURPOSE MAGNETIC STARTERS

- All Square D 8911 series starters are equipped with definite purpose contactor, melting alloy overload block, trip free reset and NEMA 1 metallic enclosure
- Replacement coils for 8910 & 8911 series starters are obsolete. The contactor will need to be replaced in the event of a failed coil
- Thermal overload relays / heater elements sold separately. Please review the heater chart for proper heater ordering



DEFINITE PURPOSE MAGNETIC STARTERS (HEATERS SOLD SEPARATELY)

MODEL	HP	PHASE	CONTACTOR AMPERAGE	ENCLOSURE H x W x D	COIL VOLTAGE VAC
8911DPSG32V09	5	SINGLE	30	10 x 6 x 5	208 - 240
8911DPSG42V09	7.5	SINGLE	40	10 x 6 x 5	208 - 240
8911DPSG52V09	10	SINGLE	50	12.75 x 7.8 x 5.8	208 - 240
8911DPSG13V09	5	THREE	20	10 x 6 x 5	208 - 240
8911DPSG23V09	7.5	THREE	25	10 x 6 x 5	208 - 240
8911DPSG33V09	7.5 / 10	THREE	30	10 x 6 x 5	220 - 240
8911DPSG43V09	10	THREE	40	10 x 6 x 5	208 - 240
8911DPSG53V09	15	THREE	50	12.75 x 7.8 x 5.8	208 - 240
8911DPSG13V06	5 - 7.5	THREE	20	10 x 6 x 5	440 - 480
8911DPSG23V06	10	THREE	25	10 x 6 x 5	440 - 480
8911DPSG33V06	15	THREE	30	10 x 6 x 5	440 - 480
8911DPSG43V06	20	THREE	40	10 x 6 x 5	440 - 480
8911DPSG53V06	25 / 30	THREE	50	12.75 x 7.8 x 5.8	440 - 480
8911DPSG42V02	—	SINGLE	40	10 x 6 x 5	110 - 120
8911DPSG43V02	—	THREE	40	10 x 6 x 5	110 - 120
8911DPSG53V02	—	THREE	50	12.75 x 7.8 x 5.8	110 - 120

- Follow local codes for wire size and connections
- Use properly sized leads to reduce voltage drop at start-up
- Square D 8911 series replacement coils are obsolete
- For wiring and spec sheets, please email info@controlsandcomponents.com



For the most reliable motor protection, select starter based on the FLA current reading on the motor plate. Always confirm the supply voltage to ensure safe installation of motor controls.

Service Technician Tip:

The 40 Amp 8911DPSG43V09 starter fits smaller 208–230V applications and accepts various thermal overloads/heaters. One starter with proper heaters gets you running faster.

Converting 3Ø (208–230V) to 1Ø (208–230V):

- Incoming power → L1 & L3
- Outgoing to motor → T1 & T3
- All 3 heaters must be installed for overload relay circuit
- No jumper needed
- Verify contactor/heaters sized for motor FLA

Caution: 1Ø motors draw higher amps than 3Ø motors

CONTACTORS

MODEL	CONTACTOR AMPERAGE	POLES	COIL VOLTAGE VAC
8910DPA42V09	40	2 N/O	208 - 240
8910DPA43V09	40	3 N/O	208 - 240
8910DPA63V09	60	3 N/O	208 - 240
8910DPA93V09	90	3 N/O	208 - 240
8910DPA43V06	40	3 N/O	440 - 480
8910DPA63V06	60	3 N/O	440 - 480
8910DPA93V06	90	3 N/O	440 - 480
8910DPA42V02	40	2 N/O	110 - 120
8910DPA43V02	40	3 N/O	110 - 120
8910DPA63V02	60	3 N/O	110 - 120
8910DPA93V02	90	3 N/O	110 - 120
8910DPA42V14	40	2 N/O	24VAC
8910DPA43V14	40	3 N/O	24VAC
8910DPA63V14	60	3 N/O	24VAC
8910DPA93V14	90	3 N/O	24VAC



- 8910 DPA contactors do not fit or replace 8911 contactors
- Quick-connect terminals and binder-head screws for easy wiring
- Standard lugs included on 40A and larger contactors
- Optional DIN track mounting may reduce installation cost
- Auxiliary contact modules snap on either side of Type DPA contactors
- Definite Purpose use only
- Does not include overload relay block or enclosure
- For applications requiring overload protection, see 8911DPSG series
- Replacement coils are no longer available

SQUARE D THERMAL OVERLOADS & STARTER ACCESSORIES

SQUARE D THERMAL OVERLOAD / HEATER SCHEDULE

HP	1-PHASE 230V	3-PHASE 230V	3-PHASE 208V	3-PHASE 460V
2	B - 17.5	B - 10.2	B - 11.5	B - 5.5
3	B - 28	B - 15.5	B - 19.5	B - 7.7
5	B - 40	B - 25	B - 28	B - 11.5
7.5	B - 62	B - 36	B - 40	B - 19.5
10	B - 88	B - 56	B - 62	B - 25
15	—	B - 70	B - 79	B - 36
20	—	—	—	B - 45
25	—	—	—	B - 56
30	—	—	—	B - 70

Please email info@controlsandcomponents.com for thermal overload amperage tables



HEATERS IN STOCK

B0.44	B4.85	B22
B0.51	B5.50	B25
B0.57	B6.25	B28
B0.65	B6.90	B32
B1.30	B7.70	B36
B1.45	B8.20	B40
B1.67	B9.10	B45
B1.88	B10.2	B50
B2.10	B11.5	B56
B2.40	B12.8	B62
B.265	B14	B70
B3.00	B15.5	B79
B3.70	B17.5	B88
B4.15	B19.5	

SCHNEIDER ELECTRIC ALTERNATING RELAY

MODEL	DESCRIPTION
CA2SKE20G7	120 VAC
CA2SKE20M7	220 VAC
CA2SKE20T7	480 VAC

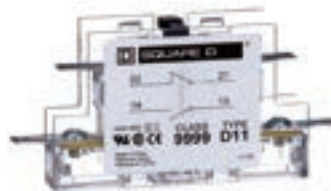


- Contact current rating 10A @ 120 / 240 / 480 / 600
- 2 N/O contact configuration
- 2-Pole – Plate or Rail mounting
- Email info@controlsandcomponents.com for wiring information

SQUARE D AUXILIARY CONTACTS

MODEL	DESCRIPTION
9999D10	1 N/O CONTACT FOR 8910DPA & 8911DPSG CONTACTORS
9999D11	1 N/O & N/C CONTACT FOR 8910DPA & 8911DPSG CONTACTORS
9999D01	1 N/C CONTACT FOR 8910DPA & 8911DPSG CONTACTORS

9999D fits 20 amp thru 90 amp 8910DPA & 8911DPSG series contactors



ENCLOSURE FOR SCHNEIDER ELECTRIC ALTERNATING RELAY

MODEL	DESCRIPTION
9991UE1	NEMA 1 SURFACE MOUNT



HOA SELECTOR SWITCH KITS

MODEL	DESCRIPTION
8911DSS1	HAND OFF AUTOMATIC

- Fits 8911DPS starter rated 20A – 40A
- Requires an auxiliary contact when connected to 8911 series starters



DU322



DU323

SQUARE D SINGLE THROW SAFETY SHUT OFF SWITCH

MODEL	DESCRIPTION
DU322	60 AMP 3-POLE
DU323	100 AMP 3-POLE

- Non-fusible disconnect with NEMA 1 enclosure handles 1-Phase or 3-Phase @ 240V

WEG MAGNETIC STARTERS

WEG MAGNETIC STARTERS • ESWS / ESW SERIES

MODEL	HP	PHASE	AMPS	WEG ITEM CODE	ENCLOSURE H x W x D	TYPE	O/L AMP RANGE	COIL VOLTAGE VAC
WEG18-3-1-230	3	SINGLE	18	ESWS-B18V24E-RM32	9.5 x 5.5 x 5	CWB18	11 - 17	208 - 240
WEG25-5-1-230	5	SINGLE	25	ESWS-B25V24E-RM34	9.5 x 5.5 x 5	CWB25	22 - 32	208 - 240
WEG32-5-1-230	5	SINGLE	32	ESWS-B32V24E-RM34	9.5 x 5.5 x 5	CWB32	22 - 32	208 - 240
WEG38-7.5-1-230	7.5	SINGLE	38	ESWS-B38V24E-RM35	9.5 x 5.5 x 5	CWB38	25 - 40	208 - 240
WEG40-7.5-1-230	7.5	SINGLE	40	ESWS-B40V24E-RM35	13 x 7.5 x 5.6	CWB40	25 - 40	208 - 240
WEG65-10-1-230	10	SINGLE	65	ESWS-65V24E-RM38	13 x 7.5 x 5.6	CWM65	32 - 50	208 - 240
WEG9-2-3-230	2	THREE	9	ESW-B9V24E-R29	9.5 x 5.5 x 5	CWB9	7 - 10	208 - 240
WEG12-3-3-230	3	THREE	12	ESW-B12V24E-R30	9.5 x 5.5 x 5	CWB12	8 - 12.5	208 - 240
WEG18-5-3-230	5	THREE	18	ESW-B18V24E-R32	9.5 x 5.5 x 5	CWB18	11 - 17	208 - 240
WEG25-7.5-3-230	7.5	THREE	25	ESW-B25V24E-R33	9.5 x 5.5 x 5	CWB25	15 - 23	208 - 240
WEG32-10-3-230	7.5 / 10	THREE	32	ESW-B32V24E-R34	9.5 x 5.5 x 5	CWB32	22 - 32	208 - 240
WEG38-10-3-230	10	THREE	38	ESW-B38V24E-R35	9.5 x 5.5 x 5	CWB38	25 - 40	208 - 240
WEG40-10-3-230	10	THREE	40	ESW-B40V24E-R70	13 x 7.5 x 5.6	CWB40	25 - 40	208 - 240
WEG50-15-3-230	15	THREE	50	ESW-B50V24E-R71	13 x 7.5 x 5.6	CWB50	32 - 50	208 - 240
WEG65-20-3-230	20	THREE	65	ESW-B65V24E-R73	13 x 7.5 x 5.6	CWB65	50 - 63	208 - 240
WEG80-25-3-230	20 / 25	THREE	80	ESW-B80V24E-R75	13 x 7.5 x 5.6	CWB80	63 - 80	208 - 240
WEG95-25-3-230	25	THREE	95	ESW-95V24E-R43	18 x 9.5 x 6.7	CWM95	63 - 80	208 - 240
WEG105-30-3-230	30	THREE	105	ESW-105V24E-R44	18 x 9.5 x 6.7	CWM105	75 - 97	208 - 240
WEG9-5-3-460	5	THREE	9	ESW-B9D39E-R29	9.5 x 5.5 x 5	CWB9	7 - 10	440 - 480
WEG12-7.5-3-460	7.5	THREE	12	ESW-B12D39E-R30	9.5 x 5.5 x 5	CWB12	8 - 12.5	440 - 480
WEG18-10-3-460	10	THREE	18	ESW-B18D39E-R32	9.5 x 5.5 x 5	CWB18	11 - 17	440 - 480
WEG25-15-3-460	15	THREE	25	ESW-B25D39E-R33	9.5 x 5.5 x 5	CWB25	15 - 23	440 - 480
WEG32-20-3-460	20	THREE	32	ESW-B32D39E-R34	9.5 x 5.5 x 5	CWB32	22 - 32	440 - 480
WEG38-25-3-460	25	THREE	38	ESW-B38D39E-R35	9.5 x 5.5 x 5	CWB38	25 - 40	440 - 480
WEG40-25-3-460	25	THREE	40	ESW-B40D39E-R70	13 x 7.5 x 5.6	CWB40	25 - 40	440 - 480
WEG50-30-3-460	30	THREE	50	ESW-B50D39E-R71	13 x 7.5 x 5.6	CWB50	32 - 50	440 - 480
WEG40-1-120	—	SINGLE	40	ESWS-B40D15E-RM70	13 x 7.5 x 5.6	CWB40	25 - 40	110 - 120

- WEG **CWB** & **CWM** contactors include a Class 10 bimetallic adjustable overload relay, N/O & N/C auxiliary contacts, and a NEMA 1 metallic enclosure with manual reset
- Designed to IEC 60947 and UL 508 standards
- Suitable for a wide range of industrial applications
- No heaters required



CWB CONTACTOR
NEMA 1 METALLIC ENCLOSURE

CWM CONTACTOR
NEMA 1 METALLIC ENCLOSURE

CONTROL WIRING

MODEL	HP @ 230V	HP @ 460V	AMPS	WEG ITEM CODE	ENCLOSURE H x W x D	TYPE	O/L AMP RANGE	COIL VOLTAGE VAC
WEG9-3-120	3	5	9	ESW-B9D15E-R29	9.5 x 5.5 x 5	CWB9	7 - 10	110 - 120
WEG18-3-120	5	7.5 - 10	18	ESW-B18D15E-R32	9.5 x 5.5 x 5	CWB18	11 - 17	110 - 120
WEG25-3-120	7.5	15	25	ESW-B25D15E-R33	9.5 x 5.5 x 5	CWB25	15 - 23	110 - 120
WEG32-3-120	7.5 - 10	20	32	ESW-B32D15E-R34	9.5 x 5.5 x 5	CWB32	22 - 32	110 - 120
WEG38-3-120	10	20-25	38	ESW-B38D15E-R35	9.5 x 5.5 x 5	CWB38	25 - 40	110 - 120
WEG40-3-120	10	20-25	40	ESW-B40D15E-R70	13 x 7.5 x 5.6	CWB40	25 - 40	110 - 120
WEG50-3-120	15	25-30	50	ESW-B50D15E-R71	13 x 7.5 x 5.6	CWB50	32 - 50	110 - 120
WEG65-3-120	20	30-40	65	ESW-B65D15E-R73	13 x 7.5 x 5.6	CWB65	50 - 63	110 - 120
WEG80-3-120	25	40-50	80	ESW-B80D15E-R75	13 x 7.5 x 5.6	CWB80	63 - 80	110 - 120

WEG AUXILIARY CONTACTS & START/STOP KITS

MODEL	DESCRIPTION
BCXML11	1 N/O & 1 N/C SIDE MNT AUX CONTACT CWM SERIES
BCXMRL11	1 N/O & 1 N/C AUX CONTACT, SIDE ADDITIONAL TO THE BCXML
BCXMF10	1 N/O FRONT MNT AUX CONTACT FOR CWM SERIES
BCXMF01	1 N/C FRONT MNT AUX CONTACT FOR CWM SERIES
BFB-11	1 N/O & 1 N/C FRONT MNT AUX CONTACT FOR CWB SERIES
BLB-11	1 N/O & 1 N/C SIDE MNT AUX CONTACT FOR CWB SERIES
KESWPS	MOMENTARY START/STOP SWITCH FOR ESW / ESWS STARTERS
KESWHP	HAND - OFF - AUTO SELECTOR SWITCH FOR ESW / ESWS STARTERS



KESWPS



KESWHP



BCXML11



BCXMRL11



BCXMF10



BCXMF01



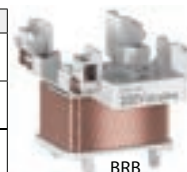
BFB-11



BLB-11

WEG REPLACEMENT COILS

FITS CONTACTOR TYPE	24 VAC	110 - 120 VAC	200 - 208 VAC	208 - 240 VAC	440 - 480 VAC
CWB9-38 AMP	BRB - 38D02	BRB - 38D15	BRB - 38D77	BRB - 38V24	BRB - 38D39
CWB40-80 AMP	BRB - 80D02	BRB - 80D15	BRB - 80D77	BRB - 80V24	BRB - 80D39
CWM9-25 AMP	BCA4 - 25V04	BCA4 - 25V18	BCA4 - 25V23	BCA4 - 25V24	BCA4 - 25V47
CWM32-40 AMP	BCA4 - 40V04	BCA4 - 40V18	BCA4 - 40V23	BCA4 - 40V24	BCA4 - 40V47
CWM50-105 AMP	BCA - 105V04	BCA - 105V18	BCA - 105V23	BCA - 105V24	BCA - 105V47



BRB



BCA
BCA4

WEG PLUG-IN SURGE SUPPRESSORS (VAC)

COMPATIBLE WITH WEG **CWB9** - **CWB110** CONTACTORS

WEG surge suppressors protect motor starters and contactor coils by mitigating harmful voltage deviations (transients and spikes) that occur in electrical control circuits.

Voltage deviations (also called transients or surges) occur when inductive loads, such as contactor or starter coils, are switched on or off.

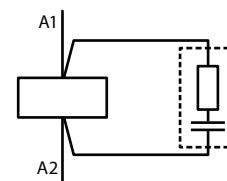
These sudden changes generate rapid voltage spikes that can reach several times the normal supply voltage and may stress or damage coils, contacts, and insulation, cause premature component failure, and interfere with nearby electronics or control logic.

Surge suppressors limit and absorb these spikes, ensuring the voltage delivered to starter components remains within safe operating limits.



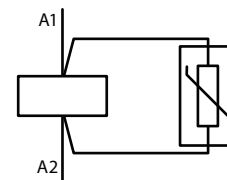
RCB Residual Current Breaker

12 - 48 VAC	RCB D53
110 - 120 VAC	RCB D55
200 - 208 VAC	RCB D63
208 - 240 VAC	RCB D63



VRB Voltage Regulating Breaker

12 - 48 VAC	VRB E49
110 - 120 VAC	VRB E34
200 - 208 VAC	VRB E50
208 - 240 VAC	VRB E50
277 - 380 VAC	VRB E41
440 - 480 VAC	VRB D73



WEG CWB & CWM CONTACTORS

WEG CWB CONTACTORS

MODEL	AMPS	COIL VOLTAGE
CWB9-11-30C03	9	24V DC
CWB9-11-30D02	9	24V AC
CWB9-11-30D15	9	120V AC
CWB9-11-30D77	9	200-208V AC
CWB9-11-30V24	9	208-240V AC
CWB9-11-30D39	9	480V AC
CWB12-11-30C03	12	24V DC
CWB12-11-30D02	12	24V AC
CWB12-11-30D15	12	120V AC
CWB12-11-30D77	12	200-208V AC
CWB12-11-30V24	12	208-240V AC
CWB12-11-30D39	12	480V AC
CWB18-11-30C03	18	24V DC
CWB18-11-30D02	18	24V AC
CWB18-11-30D15	18	120V AC
CWB18-11-30D77	18	200-208V AC
CWB18-11-30V24	18	208-240V AC
CWB18-11-30D39	18	480V AC
CWB25-11-30C03	25	24V DC
CWB25-11-30D02	25	24V AC
CWB25-11-30D15	25	120V AC
CWB25-11-30D77	25	200-208V AC
CWB25-11-30V24	25	208-240V AC
CWB25-11-30D39	25	480V AC

MODEL	AMPS	COIL VOLTAGE
CWB32-11-30C03	32	24V DC
CWB32-11-30D02	32	24V AC
CWB32-11-30D15	32	120V AC
CWB32-11-30D77	32	200-208V AC
CWB32-11-30V24	32	208-240V AC
CWB32-11-30D39	32	480V AC
CWB38-11-30C03	38	24V DC
CWB38-11-30D02	38	24V AC
CWB38-11-30D15	38	120V AC
CWB38-11-30D77	38	200-208V AC
CWB38-11-30V24	38	208-240V AC
CWB38-11-30D39	38	480V AC
CWB40-11-30C03	40	24V DC
CWB40-11-30D02	40	24V AC
CWB40-11-30D15	40	120V AC
CWB40-11-30V24	40	208-240V AC
CWB40-11-30D39	40	480V AC
CWB50-11-30C03	50	24V DC
CWB50-11-30D02	50	24V AC
CWB50-11-30D15	50	120V AC
CWB50-11-30V24	50	208-240V AC
CWB50-11-30D39	50	480V AC
CWB65-11-30C03	65	24V DC
CWB65-11-30D02	65	24V AC
CWB65-11-30D15	65	120V AC
CWB65-11-30V24	65	208-240V AC

MODEL	AMPS	COIL VOLTAGE
CWB80-11-30C03	80	24V DC
CWB80-11-30D02	80	24V AC
CWB80-11-30D15	80	120V AC
CWB80-11-30V24	80	208-240V AC
CWB80-11-30D39	80	480V AC
CWB95-11-30D02	95	24V AC
CWB95-11-30D15	95	120V AC
CWB95-11-30D77	95	208V AC
CWB95-11-30D24	95	230V AC
CWB95-11-30D39	95	480V AC
CWB95-11-30E04	95	24-60V DC
CWB95-11-30E65	95	110-255V DC
CWB110-11-30D02	110	24V AC
CWB110-11-30D15	110	120V AC
CWB110-11-30D77	110	208V AC
CWB110-11-30D24	110	230V AC
CWB110-11-30D39	110	480V AC
CWB110-11-30E04	110	24-60V DC
CWB110-11-30E65	110	110-255V DC
CWB125-11-30E04	125	24-60V DC
CWB125-11-30E65	125	110-255V DC

- UL approved
- 3 Power Poles
- 1 N/O & 1 N/C auxiliary contact
- Meets wide range of industrial application requirements
- Overload relay & enclosure not included



WEG CWM CONTACTORS

MODEL	AMPS	COIL VOLTAGE	AUXILIARY CONTACTS
CWM95-11-30V18	95	120V AC COIL	1 N/O & 1 N/C
CWM95-11-30V24	95	208-240V AC COIL	1 N/O & 1 N/C
CWM95-11-30V47	95	480V AC COIL	1 N/O & 1 N/C
CWM95-00-30C34	95	24-28V DC COIL	ZERO
CWM95-00-30V04	95	24V AC COIL	ZERO
CWM95-00-30V18	95	120V AC COIL	ZERO
CWM95-00-30V24	95	208-240V AC COIL	ZERO
CWM95-00-30V47	95	480V AC COIL	ZERO
CWM105-11-30V18	105	120V AC COIL	1 N/O & 1 N/C
CWM105-11-30V24	105	208-240V AC COIL	1 N/O & 1 N/C
CWM105-11-30V47	105	480V AC COIL	1 N/O & 1 N/C
CWM105-00-30C34	105	24-28V DC COIL	ZERO
CWM105-00-30V04	105	24V AC COIL	ZERO
CWM105-00-30V18	105	120V AC COIL	ZERO
CWM105-00-30V24	105	208-240V AC COIL	ZERO
CWM105-00-30V47	105	480V AC COIL	ZERO

- 3 Power Poles
- Panel or DIN rail mounting up to CWM105
- Overload relay & enclosure not included
- UL Approved



WEG OVERLOAD RELAYS

MODEL	AMP RANGE	CWB SERIES	POLES
RW27-2D2-D004	0.28 - 0.40	9 - 38	2-POLE
RW27-2D2-C063	0.40 - 0.63	9 - 38	2-POLE
RW27-2D2-D008	0.56 - 0.80	9 - 38	2-POLE
RW27-2D2-D012	0.80 - 1.20	9 - 38	2-POLE
RW27-2D2-D018	1.20 - 1.80	9 - 38	2-POLE
RW27-2D2-D028	1.80 - 2.80	9 - 38	2-POLE
RW27-2D2-U004	2.80 - 4	9 - 38	2-POLE
RW27-2D2-D063	4 - 6.30	9 - 38	2-POLE
RW27-2D2-U008	5.60 - 8	9 - 38	2-POLE
RW27-2D2-U010	7 - 10	9 - 38	2-POLE
RW27-2D2-D125	8 - 12.5	9 - 38	2-POLE
RW27-2D2-U015	10 - 15	9 - 38	2-POLE
RW27-2D2-U017	11 - 17	9 - 38	2-POLE
RW27-2D2-U023	15 - 23	9 - 38	2-POLE
RW27-2D2-U032	22 - 32	9 - 38	2-POLE
RW27-2D2-U040	32 - 40	9 - 38	2-POLE
RW67-5D2-U040	25 - 40	40 - 80	2-POLE
RW67-5D2-U050	32 - 50	40 - 80	2-POLE
RW67-5D2-U057	40 - 57	40 - 80	2-POLE
RW67-5D2-U063	50 - 63	40 - 80	2-POLE
RW67-5D2-U070	57 - 70	40 - 80	2-POLE
RW67-5D2-U080	63 - 80	40 - 80	2-POLE

- RW Series bi-metallic thermal overload relays are adjustable
- Class 10 trip characteristics
- Can mount directly under Weg CWB contactors
- Reference proper contactor type & amperage to match overload relay



MODEL	AMP RANGE	CWB SERIES	POLES
RW27-2D3-D004	0.28 - 0.40	9 - 38	3-POLE
RW27-2D3-C063	0.40 - 0.63	9 - 38	3-POLE
RW27-2D3-D008	0.56 - 0.80	9 - 38	3-POLE
RW27-2D3-D012	0.80 - 1.20	9 - 38	3-POLE
RW27-2D3-D018	1.20 - 1.80	9 - 38	3-POLE
RW27-2D3-D028	1.80 - 2.80	9 - 38	3-POLE
RW27-2D3-U004	2.80 - 4	9 - 38	3-POLE
RW27-2D3-D063	4 - 6.30	9 - 38	3-POLE
RW27-2D3-U008	5.60 - 8	9 - 38	3-POLE
RW27-2D3-U010	7 - 10	9 - 38	3-POLE
RW27-2D3-D125	8 - 12.5	9 - 38	3-POLE
RW27-2D3-U015	10 - 15	9 - 38	3-POLE
RW27-2D3-U017	11 - 17	9 - 38	3-POLE
RW27-2D3-U023	15 - 23	9 - 38	3-POLE
RW27-2D3-U032	22 - 32	9 - 38	3-POLE
RW27-2D3-U040	32 - 40	9 - 38	3-POLE
RW67-5D3-U040	25 - 40	40 - 80	3-POLE
RW67-5D3-U050	32 - 50	40 - 80	3-POLE
RW67-5D3-U057	40 - 57	40 - 80	3-POLE
RW67-5D3-U063	50 - 63	40 - 80	3-POLE
RW67-5D3-U070	57 - 70	40 - 80	3-POLE
RW67-5D3-U080	63 - 80	40 - 80	3-POLE
RW117-3D3-U080	63 - 80	95 - 125	3-POLE
RW117-3D3-U097	75 - 97	95 - 125	3-POLE
RW117-3D3-U112	90 - 112	95 - 125	3-POLE
RW117-3D3-U140	110 - 140	95 - 125	3-POLE

WEG ADJUSTABLE OVERLOAD RELAYS CWM

MODEL	O/L RANGE	CONTACTOR SERIES	POLES
RW117-1D3-U080	63 - 80	CWM95 - 105	3-POLE
RW117-1D3-U097	75 - 97	CWM95 - 105	3-POLE
RW117-1D3-U112	90 - 112	CWM95 - 105	3-POLE

- RW Series bi-metallic thermal overload relays are adjustable
- Can mount directly under Weg CWM contactors
- Class 10 trip characteristics
- Reference proper contactor type & amperage to match overload relay



- 208-240VAC coils not suitable below 208V; use 200-208VAC contactor
- Follow local codes for wire size, connections, and start-up voltage drop
- Verify supply voltage before installation

WEG SSW07 SOFT STARTERS

WEG SSW07 Series Soft Starters are solid-state (static) devices for controlling acceleration, deceleration, and protection of 3-Phase induction motors.

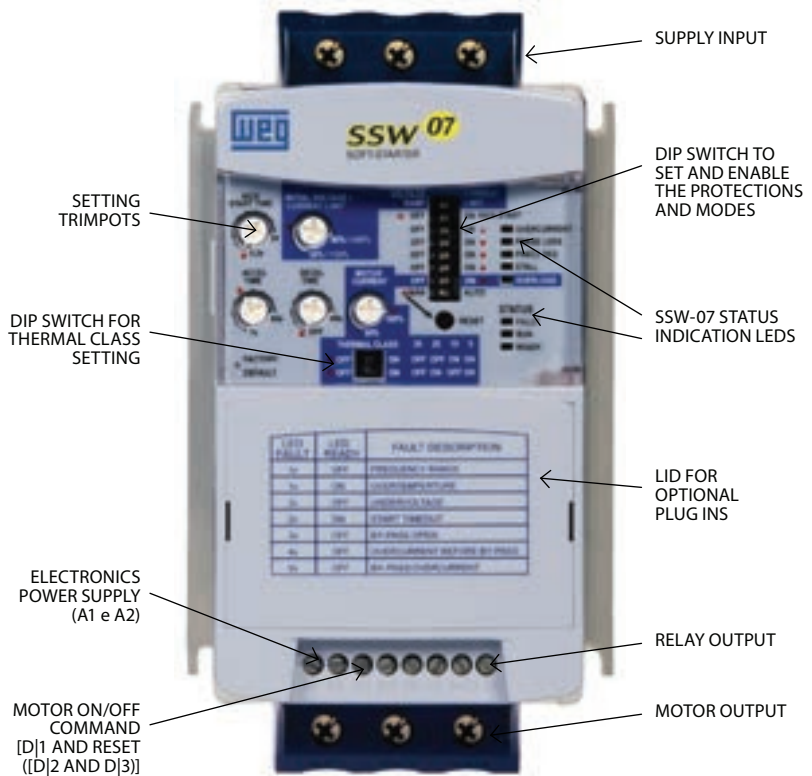
- DSP control for reliable starts/stops and cost efficiency
- Simple setup for quick commissioning and operation
- Compact design saves panel space
- Full motor protection included
- Optional accessories: keypad, communication interface, motor PTC input

SSW07 Standard Features:

- Reduces mechanical stress on couplings, gearboxes, pulleys, conveyors, and more during start
- Extends motor and equipment life by eliminating mechanical shock
- Simple operation, setup, maintenance, and installation
- Operates in environments up to 131°F (no derate, all models)
- Integral electronic motor protection with built-in thermal relay
- Prevents “water hammer” in pumps
- Limits voltage drop during start
- Universal voltage: 220–575 VAC
- Switched power supply with EMC filter (110–240 VAC control)
- Thermal monitoring of both motor and soft starter

SW07 Programming Features:

- Trimpots & DIP-switches for all load types
- Voltage Ramp for smooth accel/decel
- Current Limit adjustable at start
- Voltage Kick Start for high-torque loads
- Built-in Bypass reduces heat & saves energy





24/7 Technical Support
for Drives and Soft Starters

1-877-WEG-DRIV
(934-3748)

www.weg.net

WEG SSW07 SOFT STARTERS

MODEL	HP @ 230V	HP @ 460V	AMPERAGE	FRAME SIZE	DIMENSIONS H x W x D	WEIGHT (LBS)
SSW070017T5SZ	5	10	17	1	6.4 x 2.3 x 5.7	2.9
SSW070024T5SZ	7.5	15	24	1	6.4 x 2.3 x 5.7	2.9
SSW070030T5SZ	10	20	30	1	6.4 x 2.3 x 5.7	2.9
SSW070045T5SZ	15	30	45	2	8.2 x 5.6 x 8.0	7.3
SSW070061T5SZ	25	40/50	61	2	8.2 x 5.6 x 8.0	7.3
SSW070085T5SZ	30	75	85	2	8.2 x 5.6 x 8.0	7.3
SSW070130T5SZ	50	100	130	3	10.9 x 8.6 x 8.7	16.8
SSW070171T5SZ	60	125	171	3	10.9 x 8.6 x 8.7	16.8
SSW070200T5SZ	75	150	200	3	10.9 x 8.6 x 8.7	16.8
SSW070255T5SH1Z	100	200	255	4	13.0 x 9.0 x 9.6	28.2
SSW070312T5SH1Z	125	250	312	4	13.0 x 9.0 x 9.6	28.2
SSW070365T5SH1Z	150	300	365	4	13.0 x 9.0 x 9.6	28.2
SSW070412T5SH1Z	150	350	412	4	13.0 x 9.0 x 9.6	28.2

- HP rating based on FLA of WEG W22, 2-Pole & 4-Pole, NEMA Premium motors
- Motor FLA varies — always match motor FLA to starter nominal amps



WEG SSW07 OPTIONS AND ACCESSORIES

	MODEL	DESCRIPTION
KEYPAD	SSW07-08-HMI-LOC	Local Keypad - Mounts on SSW07 Soft Starter
	SSW07-HMI-REM	Remote Keypad Kit - Includes HMI and Interface Module
	SSW07-HMI-REM-485	Remote Keypad Kit - Includes HMI RS485 Comm. Card
REMOTE CABLE	CAB-RS-1	3.3' (1 meter) Remote Keypad Cable
	CAB-RS-2	6.6' (2 meter) Remote Keypad Cable
	SSW05-07-08-CRS-3M	9.9' (3 meter) Remote Keypad Cable
	SSW05-07-08-CRS-5M	16' (5 meter) Remote Keypad Cable
	CAB-RS-7.5	25' (7.5 meter) Remote Keypad Cable
	CAB-RS-10	33' (10 meter) Remote Keypad Cable
COMMUNICATION	SSW07-08-KRS-232	RS-232 Communication Kit
	SSW07-08-KRS-485	RS-485 Communication Kit
	CAB-COMM-3	Cable for Communication RS232 (DB9-DB9) - 9.9ft. (3 meter)
	CAB-COMM-10	Cable for Communication RS232 (DB9-DB9) - 33' (10 meter)
KITS	KFB-DN-SSW07	Device Net Communication Kit plus Remote HMI Connection
	SSW0708900-KVT-2B	Ventilation Kit M2 (Frame Size 2, 45 to 85A)
	SSW0708900-KVT-3C	Ventilation Kit M3 (Frame Size 3, 130 to 200A)
	SSW07-08-KPTC-MTR	PTC Kit for motor
	SSW0708900-IP20-3C	IP20 Kit for M3 (Frame Size 3, 130 to 200A)
	SSW0708900-IP20-4D	IP20 Kit for M4 (Frame Size 4, 255 to 412A)
	KSDG2-SSW07	Superdrive G2 Kit (KRS-232-SSW07, CAB-COMM-3, CD Software)

M2 and M3 Ventilation Kit cooling fans require 120 Vac 1-Phase power



SSW07-HMI-REM

Remote HMI for panel door or machinery console

Cable to connect MMI to SSW07
Lengths: 1, 2, 3, 5, 7.5 and 10m



SSW07-08-KPTC-MTR

SSW0708900-IP20-3C or SSW0708900-IP20-4D
For models from 45 A to 200 A

A ventilation kit is necessary for heavy duty starting cycle

SINGLE PHASE 3600 RPM ODP ELECTRIC MOTORS

SINGLE (1) PHASE 3600 RPM OPEN DRIP PROOF (ODP) COMPRESSOR DUTY & GENERAL PURPOSE ELECTRIC MOTORS

MODEL	BRAND	HP	FRAME	RPM	DIAM	ROTATION	FULL LOAD AMP	VOLTAGE VAC	SERVICE FACTOR	WT LBS	SHIP
00136OS1BCD56-S	WEG	1	56	3485	5/8	REVERSIBLE	13.2 / 6.5 - 6.6	115 / 208 - 230	1.00 (1.00 @ 208V)	26.4	G
00156OS1BCD56-S	WEG	1.5	56	3490	5/8	REVERSIBLE	17.4 / 8.8 - 8.7	115 / 208 - 230	1.00 @ 208 - 230	28.7	G
EM2-56	EMZ	2	56	3600	5/8	CCW	15 / 7.5	115 / 230	1.00	30	G C
00236OS1BCD56-S	WEG	2	56H	3480	5/8	REVERSIBLE	17.8 / 9.5 - 8.9	115 / 208-230	1.00 (1.00 @ 208V)	31.8	G
EM3-56	EMZ	3	56	3600	5/8	CCW	15	230	1.00	38	G C
00336OS1CCD56-S	WEG	3	56H	3480	5/8	REVERSIBLE	13.0 - 12.7	208 - 230	1.00 (1.00 @ 208V)	38.4	G
EM4-56	EMZ	SPL	56	3600	5/8	CCW	17.2	230	1.00	46	G C
EM5-56	EMZ	5	56HZ	3600	7/8	CCW	22.0	230	1.00	55	G C
00536OS1DCD56H-S	WEG	5	56H	3440	5/8	REVERSIBLE	20.3	230	1.00	50	G
00536OS1DCD56HZ-S	WEG	5	56HZ	3440	7/8	REVERSIBLE	20.3	230	1.00	50	G
5-56-1-BALDOR	BALDOR	5	56HZ	3450	7/8	REVERSIBLE	23.8 - 21.5	208 - 230	1.15 (1.00 @ 208V)	60	G C
00536OS1CCDW184Y-S	WEG	5	182/4Y	3450	7/8	CCW	22.4 - 20.7	208 - 230	1.15 (1.00 @ 208V)	53.7	G
00536OS1D184T-S	WEG	5	184T	3500	1 1/8	REVERSIBLE	21.0	230	1.25 (1.00 @ 208V)	70	G
7-184-1	BALDOR	3	184T	3450	1 1/8	REVERSIBLE	32.0 / 29.0	208 - 230	1.15 (1.00 @ 208V)	98	G
00736OS1C184T-S	WEG	7.5	184T	3510	1 1/8	REVERSIBLE	33.4 - 29.6	208 - 230	1.25 (1.00 @ 208V)	80	G
L1509T	BALDOR	7.5	213T/215T	3450	1 3/8	REVERSIBLE	33.0 - 30.0	208 - 230	1.25 (1.00 @ 208V)	155	F
M07536DP213T	WEG	7.5	213/5T	3520	1 3/8	REVERSIBLE	31.5 - 28.30	208 - 230	1.15 (1.00 @ 208V)	135	G C

G = Ground Shipping F = Freight Truck Shipping Only C = Only Ships from C&C Warehouses

- ODP motors use surrounding air for cooling; indoor use only, not for moist or dusty environments
- Industrial 184T frame 1-Phase motors require a magnetic motor starter (industry standard)
- Run and Start capacitors available — contact us for details
- For technical data and drawings, please send an email to info@controlsandcomponents.com
- Free shipping on all electric motors orders of 1500 lbs +
- Baldor motors are only available at our GA & TX warehouses. BALDOR FACTORY DIRECT SHIPPING/PICK UP IS PROHIBITED



00136OS1BCD56-S
00156OS1BCD56-S



00236OS1BCD56-S
00336OS1CCD56-S



EM2-56 / EM3-56
EM4-56 / EM5-56



00536OS1DCD56H-S
00536OS1DCD56HZ-S



5-56-1-BALDOR
DOES NOT REPLACE IR 5HP 56HZ MOTORS



00536OS1CCDW184Y-S
REPLACES IR 5HP 56HZ MOTORS



00536OS1D184T-S



7-184-1 BALDOR



00736OS1C184T-S



L1509T



M07536DP213T
REPLACES IR 7.5HP 213T MOTORS

SINGLE PHASE 1800 RPM ODP ELECTRIC MOTORS

SINGLE (1) PHASE 1800 RPM OPEN DRIP PROOF (ODP) COMPRESSOR DUTY & GENERAL PURPOSE ELECTRIC MOTORS

MODEL	BRAND	HP	FRAME	RPM	DIAM	ROTATION	FULL LOAD AMP	VOLTAGE VAC	SERVICE FACTOR	WT LBS	SHIP
001180T1B56-S	WEG	1	56	1750	5/8	REVERSIBLE	9.0 / 4.98 - 4.5	115 / 208 - 230	1.15 (1.00 @ 208V)	36	G
001580T1B56-S	WEG	1.5	56	1740	5/8	REVERSIBLE	13.0 / 7.52 - 6.49	115 / 208 - 230	1.15 (1.00 @ 208V)	45	G
002180T1B56-S	WEG	2	56	1730	5/8	REVERSIBLE	17.7 / 9.5 - 8.87	115 / 208 - 230	1.15 (1.00 @ 208V)	49	G
L1408T	BALDOR	3	184T	1725	1 1/8	REVERSIBLE	32.0 / 16.0 - 16.8	115 / 208 - 230	1.15 (1.00 @ 208V)	76	G
131534.00	MARATHON	3	184T	1740	1 1/8	REVERSIBLE	33.8 / 18 - 16.9	115 / 208 - 230	1.15 (1.00 @ 208V)	80	G
003180S1B184T-S	WEG	3	184T	1745	1 1/8	REVERSIBLE	29.9 / 15.8 - 15.0	115 / 208 - 230	1.15 (1.00 @ 208V)	95	G
003180S1C184T-S	WEG	3	184T	1740	1 1/8	REVERSIBLE	13.7 - 12.8	208 - 230	1.25 (1.00 @ 208V)	100	G
05180S1CCD184T	WEG	5	184T	1765	1 1/8	REVERSIBLE	23.0 - 20.7	208 - 230	1.25 (1.00 @ 208V)	97	G
L1410T	BALDOR	5	184T	1750	1 1/8	REVERSIBLE	22.2 - 21.2	208 - 230	1.25 (1.00 @ 208V)	89	G
131537.00	MARATHON	5	184T	1760	1 1/8	REVERSIBLE	23.0 - 21.0	208 - 230	1.15 (1.00 @ 208V)	86	G
005180S1PCD184T-S	WEG	5	184T	1750	1 1/8	REVERSIBLE	23.8	200	1.15 @ 200V	98	G C
M07518DP215T	WEG	7.5	215T	1760	1 3/8	REVERSIBLE	33.8 - 32.2	208 - 230	1.15 (1 @ 208V)	128	G C
007180S1CCD215T	WEG	7.5	213/5T	1770	1 3/8	CCW	33.8 - 32.2	208 - 230	1.15 (1.00 @ 208V)	119	G
L1510T	BALDOR	7.5	213T/215T	1750	1 3/8	REVERSIBLE	34.0 - 28.6	208 - 230	1.15 (1.00 @ 208V)	155	F
010180S1CCD215T	WEG	10	213/5T	1775	1 3/8	CCW	44.2 - 40.0	208 - 230	1.15 (1.00 @ 208V)	155	F
L1512T	BALDOR	10	215T	1725	1 3/8	REVERSIBLE	39.0	230	1.15 (1.00 @ 208V)	132	F

G = Ground Shipping F = Freight Truck Shipping Only C = Only Ships from C&C Warehouses

- WEG catalog motors available through Distribution Hubs: Atlanta GA, Chicago IL, Denver CO, Houston TX, Kansas City KS, New Kingston PA, Seattle WA, Ontario CA
- 184T frame 1-Phase motors require a magnetic motor starter (industry standard)
- Run and Start capacitors available — contact us for details
- Free shipping on all electric motors orders of 1500 lbs +
- Baldor motors are only available at our GA & TX warehouses. BALDOR FACTORY DIRECT SHIPPING/PICK UP IS PROHIBITED



001180T1B56-S
001580T1B56-S



002180T1B56-S



003180S1C184T-S



005180S1CCD184T
CAST IRON FRAME



L1410T



131537.00
131560.00



005180S1PCD184T-S



007180S1CCD215T



M07518DP215T



L1510T



010180S1CCD215T

PHONE: 888-393-7152 • orders@controlsandcomponents.com • TEXT: 678-986-0346

BALDOR THREE PHASE ODP ELECTRIC MOTORS

BALDOR THREE (3) PHASE OPEN DRIP PROOF (ODP) COMPRESSOR DUTY & GENERAL PURPOSE ELECTRIC MOTORS

MODEL	HP	FRAME	RPM	SHAFT DIAMETER	(FLA) FULL LOAD AMP	VOLTAGE VAC	SERVICE FACTOR	WT LBS	SHIP
EHM3218T	5	184T	1750	1 1/8	13.2 / 6.6	230/460	1.15 (1.0 @ 208V)	85	G
EHM3218T-8	5	184T	1750	1 1/8	15.2	200	1.15	85	G
EHM3311T	7.5	213T	1750	1 3/8	19.6 / 9.8	230/460	1.15 (1.0 @ 208V)	115	G
EHM3311T-8	7.5	213T	1750	1 3/8	23.3	200	1.15	115	G
EHM3313T	10	215T	1750	1 3/8	25.0 / 12.5	230/460	1.15 (1.0 @ 208V)	127	G
EHM3313T-8	10	215T	1750	1 3/8	29.5	200	1.15	127	G
EHM2523T	15	254T	1750	1 5/8	36.4 / 18.2	230/460	1.15 (1.0 @ 208V)	212	F
EHM2523T-8	15	254T	1750	1 5/8	41.0	200	1.15	212	F
EHM2515T	20	256T	1750	1 5/8	48.0 / 24.0	230/460	1.15 (1.0 @ 208V)	244	F
EHM2515T-8	20	256T	1750	1 5/8	55.0	200	1.15	244	F

G = Ground Shipping F = Freight Truck Shipping Only

- All 3-Phase motors are reversible; wire for CW or CCW rotation from the shaft end
- ODP motors ventilate externally, drawing in air for cooling; indoor use only — not for moist or dusty environments
- For 208V incoming voltage applications, a 200V motor must be installed
- For technical data and drawings, please send an email to info@controlsandcomponents.com
- Baldor motors are only available at our GA & TX warehouses. BALDOR FACTORY DIRECT SHIPPING/PICK UP IS PROHIBITED



WEG THREE PHASE CAST IRON ODP ELECTRIC MOTORS

WEG THREE (3) PHASE OPEN DRIP PROOF (ODP) COMPRESSOR DUTY & GENERAL PURPOSE ELECTRIC MOTORS

MODEL	HP	FRAME	RPM	SHAFT DIAMETER	(FLA) FULL LOAD AMP	VOLTAGE VAC	SERVICE FACTOR	WT LBS	SHIP
00158OT3E145T-S	1.5	145T	1760	7/8	4.14 / 2.07	230 / 460	1.15 (1.00 @ 208V)	42	G
00218OT3E145T-S	2	145T	1740	7/8	5.38 / 2.69	230 / 460	1.15 (1.00 @ 208V)	40	G
00218OT3P145T-S	2	145T	1740	7/8	6.19	200	1.15	40	G
00318OT3E56Z-S	3	56HZ	1735	7/8	7.94 / 3.97	230 / 460	1.15 (1.00 @ 208V)	43	G
00318OT3E182T-S	3	184T	1765	1 1/8	7.72 / 3.86	230 / 460	1.15 (1.00 @ 208V)	67	G
00518OT3E184T-S	5	184T	1760	1 1/8	12 / 6.33	230 / 460	1.15 (1.00 @ 208V)	81	G
00518OT3P184T-S	5	184T	1760	1 1/8	14.6	200	1.15	81	G
00536OT3E182T-S	5	184T	3510	1 1/8	12.2 / 6.1	230 / 460	1.15 (1.00 @ 208V)	54	G
00736OT3E184T-S	7.5	184T	3500	1 1/8	17.9 / 8.97	230 / 460	1.15 (1.00 @ 208V)	70	G
00736OT3V184T-S	7.5	184T	3500	1 1/8	19.9	200	1.15	69	G
00718OT3E213T-S	7.5	215T	1770	1 3/8	18.5 / 9.25	230 / 460	1.15 (1.00 @ 208V)	116	G
00718OT3P213T-S	7.5	215T	1770	1 3/8	21.3	200	1.15	116	G
01018OT3E215T-S	10	215T	1770	1 3/8	24.8 / 12.4	230 / 460	1.15 (1.00 @ 208V)	120	G
01018OT3P215T-S	10	215T	1770	1 3/8	28.5	200	1.15	120	G
01036OT3E213T-S	10	215T	3535	1 3/8	24.0 / 12.0	230 / 460	1.15 (1.00 @ 208V)	116	G
01536OT3E215T-S	15	215T	3535	1 3/8	34.4 / 17.2	230 / 460	1.15 (1.00 @ 208V)	150	F
01518OT3E254T-S	15	256T	1775	1 5/8	37.2 / 18.6	230 / 460	1.15 (1.00 @ 208V)	175	F
01518OT3P254T-S	15	256T	1775	1 5/8	42.8	200	1.15	190	F
02018OT3E256T-S	20	256T	1770	1 5/8	50.0 / 25.0	230 / 460	1.15 (1.00 @ 208V)	213	F
02018OT3P256T-S	20	256T	1770	1 5/8	57.5	200	1.15	213	F
02536OT3E256T-W40	25	256T	3535	1 7/8	57.6 / 28.8	230 / 460	1.25	248	F
02518OT3E284T-W40	25	284T	1765	1 7/8	59.0 / 29.5	230 / 460	1.25	347	F
02518OT3P284T-W40	25	284T	1765	1 7/8	67.8	200	1.25	347	F
03018OT3E286T-W40	30	286T	1765	1 7/8	69.8 / 34.9	230 / 460	1.25	394	F
03018OT3P286T-W40	30	286T	1765	1 7/8	80.3	200	1.25	394	F
04018OT3E324T-W40	40	324T	1775	2 1/8	95.2 / 47.6	230 / 460	1.25	449	F
04018OT3P324T-W40	40	324T	1775	2 1/8	109.0	200	1.25	449	F
05018OT3E326T-W40	50	326T	1775	2 1/8	117.0 / 58.5	230 / 460	1.25	510	F
05018OT3P326T-W40	50	326T	1775	2 1/8	135	200	1.25	510	F

G = Ground Shipping F = Freight Truck Shipping Only

- All 3-Phase motors are reversible; can be wired for CW or CCW rotation
- ODP motors ventilate externally, drawing in air for cooling; indoor use only — not for moist or dusty environments
- (-S) Motors are Rolled Steel construction
- (W40) Motors are Cast Iron construction
- For technical data and drawings, please send an email to info@controlsandcomponents.com
- Free shipping on all electric motors orders of 1500 lbs +
- More electric motor sizes & configurations listed on our website
- For 208V incoming voltage applications, a 200V motor must be installed

WEG ROLLED STEEL ODP MOTORS



WEG W40 CAST IRON PREMIUM ODP MOTORS



ROLLED STEEL FRAME TEFC ELECTRIC MOTORS

SINGLE (1) PHASE TOTALLY ENCLOSED FAN COOLED MOTORS (TEFC)

MODEL	HP	FRAME	RPM	SHAFT DIAMETER	(FLA) FULL LOAD AMP	VOLTAGE VAC	SERVICE FACTOR	WT LBS	SHIP
00118ES1E143T-S	1	145T	1745	7/8	7.52 - 6.8	208 - 230	1.15 (1.00 @ 208V)	36	G
00136ES1B56-S	1	56H	3500	5/8	10.1 / 5.64 - 5.06	115 / 208 - 230	1.15 (1.00 @ 208V)	29	G
00136ES1B143T-S	1	145T	3500	7/8	10.1 / 5.64 - 5.06	115 / 208 - 230	1.15 (1.00 @ 208V)	29	G
00158ES1B56-S	1.5	56H	1745	5/8	15.0 / 8.27 - 7.48	115 / 208 - 230	1.15 (1.00 @ 208V)	47	G
00158ES1E145T-S	1.5	145T	1745	7/8	8.27 - 7.48	208 - 230	1.15 (1.00 @ 208V)	47	G
00156ES1B56-S	1.5	56H	3500	5/8	13.2 / 7.3 - 6.6	115 / 208 - 230	1.15 (1.00 @ 208V)	33	G
00156ES1B143T-S	1.5	145T	3500	7/8	13.2 / 7.3 - 6.6	115 / 208 - 230	1.15 (1.00 @ 208V)	35	G
00218ES1B145T-S	2	145T	1745	7/8	20.0 / 11.1 - 10.0	115 / 208 - 230	1.15 (1.00 @ 208V)	53	G
00236ES1B56-S	2	56H	3495	5/8	17.5 / 9.62 - 8.73	115 / 208 - 230	1.15 (1.00 @ 208V)	38	G
00336ES1B145T-S	3	145T	3490	7/8	25.4 / 14.0 - 12.7	115 / 208 - 230	1.15 (1.00 @ 208V)	50	G

G = Ground Shipping F = Freight Truck Shipping Only

- Steel frame construction with totally enclosed fan-cooled enclosure
- For technical data and drawings, email info@controlsandcomponents.com
- Free shipping on all electric motors orders of 1500 lbs +

- High starting torque
- Class F insulation
- F1 mounting
- Ball bearings
- V-ring seals



THREE (3) PHASE TOTALLY ENCLOSED FAN COOLED MOTORS (TEFC)

MODEL	HP	FRAME	RPM	SHAFT DIAMETER	(FLA) FULL LOAD AMP	VOLTAGE VAC	SERVICE FACTOR	WT LBS	SHIP
00118ET3E143T-S	1	145T	1765	7/8	2.94 / 1.47	230 / 460	1.15 (1.00 @ 208V)	38	G
00136ET3E143T-S	1	145T	3510	7/8	2.88 / 1.44	230 / 460	1.15 (1.00 @ 208V)	26	G
00158ET3E56-S	1.5	56H	1750	5/8	4.04 / 2.02	230 / 460	1.15 (1.00 @ 208V)	37	G
00158ET3E145T-S	1.5	145T	1750	7/8	4.04 / 2.02	230 / 460	1.15 (1.00 @ 208V)	38	G
00156ET3E56-S	1.5	56	3520	5/8	3.74 / 1.87	230 / 460	1.15 (1.00 @ 208V)	32	G
00156ET3E143T-S	1.5	145T	3520	7/8	3.74 / 1.87	230 / 460	1.15 (1.00 @ 208V)	35	G
00218ET3E145T-S	2	145T	1755	7/8	5.44 / 2.72	230 / 460	1.15 (1.00 @ 208V)	44	G
00236ET3E56-S	2	56H	3520	5/8	4.94 / 2.47	230 / 460	1.15 (1.00 @ 208V)	40	G
00236ET3E145T-S	2	145T	3520	7/8	4.94 / 2.47	230 / 460	1.15 (1.00 @ 208V)	40	G
00518ET3E184T-S	5	184T	1750	1 1/8	13.0 / 6.49	230 / 460	1.15	78	G
00518ETEP184T-S	5	184T	1750	1 1/8	14.9	200	1.15	78	G
00536ET3E184T-S	5	184T	3500	1 1/8	11.8 / 5.90	230 / 460	1.15	82	G
00718ET3E213T-S	7.5	215T	1770	1 3/8	18.1 / 9.07	230 / 460	1.15	122	G
00718ET3P213T-S	7.5	215T	1770	1 3/8	20.9	200	1.15	121	G
00736ET3E213T-S	7.5	215T	3530	1 3/8	17.3 / 8.67	230 / 460	1.15	133	G
01018ET3E215T-S	10	215T	1760	1 3/8	24.4 / 12.2	230 / 460	1.15	129	G
01036ET3E215T-S	10	215T	3530	1 3/8	23.0 / 11.5	230 / 460	1.15	163	F
01518ET3E254T-S	15	256T	1770	1 5/8	36.4 / 18.2	230 / 460	1.15	211	F
01518ET3P254T-S	15	256T	1770	1 5/8	41.9	200	1.15	212	F
02018ET3E256T-S	20	256T	1765	1 5/8	49.4 / 24.7	230 / 460	1.15	242	F
02536ET3E256T-S	25	256T	3530	1 5/8	57 / 28.5	230 / 460	1.15	227	F

G = Ground Shipping F = Freight Truck Shipping Only

- Steel frame construction with totally enclosed fan-cooled enclosure
- New ventilation system for improved thermal performance
- Oversized diagonally split aluminum terminal box; exceeds IP55 requirements
- Suitable for VFD operation per NEMA MG1
- Robust eye-bolt design on 182/4T & larger

- Double-shielded bearings, frames 56-213/5T
- Regreasable bearings, frames 254/6T+
- Aluminum endshields
- Class F insulation
- F1 mounting
- Rotatable terminal box (90°)
- Color-coded leads



SINGLE (1) PHASE TOTALLY ENCLOSED FAN COOLED MOTORS (TEFC)

MODEL	HP	FRAME	RPM	SHAFT DIAMETER	(FLA) FULL LOAD AMP	VOLTAGE VAC	SERVICE FACTOR	WT LBS	SHIP
00336ES1B182T-W22	3	184T	3520	1 1/8	24.4 / 13.5 - 12.2	115 / 208-230	1.15	95	G
00518ES1C184T-W22	5	184T	1730	1 1/8	23.0 - 21.4	208 - 230	1.15 (1.00 @ 208V)	119	G
00536ES1B184T-W22	5	184T	3515	1 1/8	41.1 / 22.1 - 20.8	115 / 208-230	1.15	103	G
00518ES1DFD215T-W22	5	215T	1750	1 3/8	21.3	230	1.15	150	F
00718ES1DFD215T-W22	7.5	215T	1750	1 3/8	31.7	230V	1.15	179	F
00736ES1E213T-W22	7.5	215T	3510	1 3/8	30.5 - 28.2	208 - 230	1.15	163	F
01018ES1E215T-W22	10	215T	1740	1 3/8	44.5 - 40.8	208 - 230	1.15 (1.00 @ 208V)	192	F
01036ES1E215T-W22	10	215T	3515	1 3/8	41.8 - 38.8	208 - 230	1.15	165	F
01218ES1E215T-W22	12.5	215T	1740	1 3/8	54.0 - 52.2	208 - 230	1.15 (1.00 @ 208V)	206	F

G = Ground Shipping F = Freight Truck Shipping Only

- W22 starting system improves functionality, reliability, and lifespan
- Cooling system (fan, NDE end-shield, fan cover) minimizes noise and improves thermal efficiency
- 1-Phase design: capacitor start & run
- Cast iron frame with totally enclosed fan-cooled enclosure
- Solid motor feet provide rigidity and easier alignment
- Terminal box rotatable 90°
- High starting torque
- Class F insulation
- Free shipping on all electric motors orders of 1500 lbs +



THREE (3) PHASE TOTALLY ENCLOSED FAN COOLED MOTORS (TEFC)

MODEL	HP	FRAME	RPM	SHAFT DIAMETER	(FLA) FULL LOAD AMP	VOLTAGE VAC	SERVICE FACTOR	WT LBS	SHIP
00118ET3E143T-W22	1	145T	1760	7/8	2.94 / 1.47	230 / 460	1.25	44	G
00158ET3E145T-W22	1.5	145T	1755	7/8	4.04 / 2.02	230 / 460	1.25	50	G
00156ET3E143T-W22	1.5	145T	3480	7/8	3.92 / 1.96	230 / 460	1.25	44	G
00218ET3E145T-W22	2	145T	1750	7/8	5.58 / 2.79	230 / 460	1.25	50	G
00236ET3E145T-W22	2	145T	3475	7/8	5.12 / 2.56	230 / 460	1.25	50	G
00318ET3E182T-W22	3	184T	1760	1 1/8	7.82 / 3.91	230 / 460	1.25	90	G
00518ET3E184T-W22	5	184T	1755	1 1/8	12.9 / 6.45	230 / 460	1.25	99	G
00518ET3P184T-W22	5	184T	1755	1 1/8	14.8	200	1.25	99	G
00536ET3E184T-W22	5	184T	3485	1 1/8	11.8 / 5.9	230 / 460	1.25	91	G
00736ET3E184T-W22	7.5	184T	3485	1 1/8	17.5 / 8.76	230 / 460	1.25	97	G
00718ET3E213T-W22	7.5	215T	1765	1 3/8	18.4 / 9.18	230 / 460	1.25	166	F
00718ET3P213T-W22	7.5	215T	1765	1 3/8	21.1	200	1.25	166	F
00736ET3E213T-W22	7.5	215T	3520	1 3/8	17.5 / 8.76	230 / 460	1.25	158	F
01018ET3E215T-W22	10	215T	1765	1 3/8	24.8 / 12.4	230 / 460	1.25	176	F
01018ET3P215T-W22	10	215T	1765	1 3/8	28.5	200	1.25	176	F
01036ET3E215T-W22	10	215T	3510	1 3/8	23.2 / 11.6	230 / 460	1.25	164	F
01518ET3E254T-W22	15	256T	1770	1 5/8	36.0 / 18.0	230 / 460	1.25	293	F
01518ET3P254T-W22	15	256T	1770	1 5/8	41.4	200	1.25	292	F
02018ET3E256T-W22	20	256T	1770	1 5/8	48.2 / 24.1	230 / 460	1.25	339	F
02018ET3P256T-W22	20	256T	1770	1 5/8	55.4	200	1.25	339	F
02518ET3E284T-W22	25	286T	1765	1 7/8	59.0 / 29.5	230 / 460	1.25	431	F

G = Ground Shipping F = Freight Truck Shipping Only

- Reinforced fan hub with low-noise design and high airflow
- Cast iron frame with totally enclosed fan-cooled enclosure
- Sealed for dust, moisture, and high-pressure washdown protection
- High-quality bearing lubrication keeps temperatures low
- Solid, impact-resistant feet
- Low winding and bearing temperature
- Terminal box rotates 90°
- For technical data and drawings, email info@controlsandcomponents.com
- Free factory-direct shipping on WEG motor orders 1500 lbs+



NEED HELP SELECTING THE CORRECT MOTOR? We can Help!!

Please TEXT or EMAIL us the following information
text: 678-986-0346 • email: info@controlsandcomponents.com

- 1 Please email or text us a picture of the electric motors data plate
- 2 Let us know the incoming voltage and if this motor is being used on an air compressor



Once the information has been provided, we will send you a detailed quote including price, and availability.

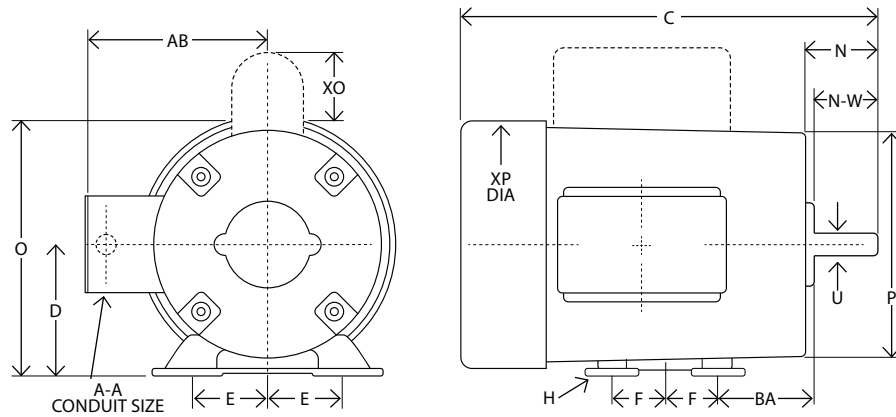
We require additional information if the motor you are replacing is NOT being used on an air compressor

- 3 Please let us know the application type
- 4 Please include photos of the entire electric motor, preferably the shaft or flange end



Please Note: Before ordering a replacement motor, it's very important to check all phases of your incoming voltage. Voltage imbalance can substantially decrease the motor's lifespan or cause an elevated operating temperature that could result in an electrical fire.

Single Phase, Industrial rated motors 184T frame and larger, require a magnetic motor starter.
Wiring any industrial grade compressor motor directly to your pressure switch voids the factory warranty



NEMA FRAME/SHAFT SIZE

SIZE	D	E	F	H	N	O	P	U	N-W	AA	BA	XO	XP	KEY
56	2 5/8	2 7/16	1 1/2	11/32	1 15/16	6 13/16	6 19/32	5/8	1 7/8	1/2	2 3/4	2 1/4	7 5/32	3/16
143T	—	2	—	—	—	—	—	—	—	—	—	—	—	—
145T	3 1/2	2 3/4	2 1/2	11/32	1 15/16	6 13/16	6 19/32	7/8	2 1/4	3/4	2 1/4	2 1/4	7 5/32	3/16
182T	—	—	2 1/4	—	—	—	—	—	—	—	—	—	—	—
184T	4 1/2	3 3/4	2 3/4	13/32	2 7/8	8 3/4	8 15/32	1 1/8	2 3/4	3/4	2 3/4	2 1/4	9 3/32	5/16
213T	—	—	2 3/4	—	—	—	—	—	—	—	—	—	—	—
215T	5 1/4	4 1/4	3 1/2	13/32	3 1/2	10 11/16	10 13/16	1 3/8	3 3/8	1	3 1/2	2 1/4	11 3/32	5/16
254T	—	—	4 1/8	—	—	—	—	—	—	—	—	—	—	—
256T	6 1/4	5	5	17/32	—	12 15/16	13 1/4	1 5/8	4	1 1/4	4 1/4	—	12 7/8	3/8
284TS	—	—	—	—	—	—	—	—	—	—	—	—	—	3/8
284T	7	5 1/2	4 3/4	17/32	—	14 1/2	14 3/4	1 7/8	4 5/8	1 1/2	4 3/4	—	14 1/2	1/2
286TS	—	—	5 1/2	—	—	—	1 5/8	3 1/4	—	—	—	—	—	3/8
286T	—	—	—	—	—	—	1 7/8	4 5/8	—	—	—	—	—	1/2

- Frame sizes relate to mounting. Examples: 56, 445 & 215 frame relate to "D" (distance from center of shaft to center bottom of mount)
- Standard frame numbers have 2 or 3 digits
- 2-Digit frame numbers are fractional frames (although larger than 1HP motors can be built in them)
- 3-Digit frame numbers are integral frames, 3rd number is the distance between mounting hole & base
- Some motor manufacturers reference Both NEMA frame sizes on one data plate. Example: 213/5T signifies motor frame dimensions match NEMA standards for both 213T & 215T frames

NEMA FRAME SUFFIXES

C	NEMA C FACE MOUNT	H	FRAME WITH RIGID BASE "F" LARGER THAN SAME FRAME WITHOUT "H"	T, TS	INTEGRAL HP NEMA STANDARD NO LETTERS FOLLOW "T" OR "TS"	Y	NON-NEMA MOUNT DRAWING REQUIRED TO CONFIRM DIMENSIONS
D	NEMA D FACE MOUNT	J	NEMA C FACE THREADED SHAFT PUMP MOTOR	TS	NEMA STANDARD "SHORT SHAFT" FOR BELT-DRIVEN LOADS	Z	NON-NEMA SHAFT DRAWING REQUIRED TO CONFIRM DIMENSIONS

NEMA STANDARDS FOR SUPPLY VOLTAGE DEVIATION

The National Electrical Manufacturers Association (NEMA) standard for electric motors allows a deviation in supply voltage of +/- 10% from the stated nameplate voltage. Operating a motor at less than its nameplate voltage will degrade performance and efficiency.

Supplying voltage 10% below the nameplate value can reduce torque by 20%, increase power demand by 10% or more, and significantly raise operating temperature. All of these factors shorten motor life. Always check all phases of incoming voltage when selecting or installing an electric motor.

Manufacturers may list multiple voltages on nameplates. A common example is 208-230/460 VAC. These motors can be wired to operate on 230V or 460V. Note that 208V is about 90% of 230V. While this falls within the NEMA +/- 10% standard, operating a motor at 208V will push it to its design limits and can cause near-immediate damage. If your measured supply is 208V or lower, always use a 200V motor. These are specifically designed for reduced voltages and will operate reliably between 180V and 220V.

We strive to provide the most information possible to our customers; however, we make no assertions regarding national, state, or municipal electrical code requirements. Please consult a licensed local electrician for further guidance.

CONDOR PRESSURE SWITCHES

CONDOR MDR11 PRESSURE SWITCHES • 2 - POLE • HEAVY DUTY • 26 AMP

HORSEPOWER RATING

	MODEL	PSI RANGE	CONNECTION MANIFOLD NPT	DIFFERENTIAL PSI RANGE	MINIMUM ON	MAXIMUM OFF	1 - PHASE	
							120V	240V
 STANDARD SWITCH	MDR11EAXX	80 - 100	1-PORT 1/4"	20 - 45	20	105	2.0	3.0
	MDR11GCXX	100 - 125	4-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11GAXX	100 - 125	1-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11LCXX	120 - 150	4-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11LAXX	120 - 150	1-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11KAXX	140 - 175	1-PORT 1/4"	30 - 65	50	200	2.0	3.0
	MDR11KCXX	140 - 175	4-PORT 1/4"	30 - 65	50	200	2.0	3.0
	MDR11WAXX	160 - 200	1-PORT 1/4"	30 - 65	50	200	2.0	3.0
 WITH UNLOADER	MDR11EAXE	80 - 100	1-PORT 1/4"	20 - 45	20	105	2.0	3.0
	MDR11ECXE	80 - 100	4-PORT 1/4"	20 - 45	20	105	2.0	3.0
	MDR11GAXE	100 - 125	1-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11GCXE	100 - 125	4-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11LAXE	120 - 150	1-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11KAXE	140 - 175	1-PORT 1/4"	30 - 65	50	200	2.0	3.0
	MDR11WAXE	160 - 200	1-PORT 1/4"	30 - 65	50	200	2.0	3.0
	MDR11WCXE	160 - 200	4-PORT 1/4"	30 - 65	50	200	2.0	3.0
 WITH ON/OFF SWITCH	MDR11EA2X	80 - 100	1-PORT 1/4"	20 - 45	20	105	2.0	3.0
	MDR11EC2X	80 - 100	4-PORT 1/4"	20 - 45	20	105	2.0	3.0
	MDR11GA2X	100 - 125	1-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11GC2X	100 - 125	4-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11NA2X	105 - 135	1-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11LA2X	120 - 150	1-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11LC2X	120 - 150	4-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11KA2X	140 - 175	1-PORT 1/4"	30 - 65	50	200	2.0	3.0
 WITH UNLOADER & ON/OFF SWITCH	MDR11EA2E	80 - 100	1-PORT 1/4"	20 - 45	20	105	2.0	3.0
	MDR11GA2E	100 - 125	1-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11GC2E	100 - 125	4-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11NA2E	105 - 135	1-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11LA2E	120 - 150	1-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11LC2E	120 - 150	4-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11KA2E	140 - 175	1-PORT 1/4"	30 - 65	50	200	2.0	3.0
	MDR11KC2E	140 - 175	4-PORT 1/4"	30 - 65	50	200	2.0	3.0
 WITH PUSH-TO-CONNECT UNLOADER & ON/OFF SWITCH	MDR11EA2F	80 - 100	1-PORT 1/4"	20 - 45	20	105	2.0	3.0
	MDR11GA2F	100 - 125	1-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11GC2F	100 - 125	4-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11NA2F	105 - 135	1-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11LA2F	120 - 150	1-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11LC2F	120 - 150	4-PORT 1/4"	25 - 65	25	160	2.0	3.0
	MDR11KA2F	140 - 175	1-PORT 1/4"	30 - 65	50	200	2.0	3.0
	MDR11KC2F	140 - 175	4-PORT 1/4"	30 - 65	50	200	2.0	3.0
	MDR11WA2F	160 - 200	1-PORT 1/4"	30 - 65	50	200	2.0	3.0
	MDR11WACF	160 - 200	4-PORT 1/4"	30 - 65	50	200	2.0	3.0

- 2-Pole 1-Phase
- 26 FLA Heavy Duty Contacts
- Adjustable Range and Differential

EVWS1-2
CONVERSION KIT
Turn Compression Nut
into Push Quick Connect



MDR3 PRESSURE SWITCHES WITH OVERLOAD PROTECTION • 3-POLE • 30 AMP

MODEL	AC CONTACT FORM	FACTORY PSI RANGE	CONNECTION MANIFOLD	DIFFERENTIAL PSI	OVERLOAD RANGE	RANGE
31EG3EJX	3PST (3-POLE)	80 - 100	(1) 4-PORT 3/8" / (3) 1/4"	15 - 70	16 - 20 AMP	45 - 160
31EG3ELX	3PST (3-POLE)	80 - 100	(1) 4-PORT 3/8" / (3) 1/4"	15 - 70	20 - 24 AMP	45 - 160
31EG3EMX	DPST (2-POLE)	80 - 100	(1) 4-PORT 3/8" / (3) 1/4"	15 - 70	22 - 30 AMP	45 - 160
31GG3EEX	3PST (3-POLE)	100 - 125	(1) 4-PORT 3/8" / (3) 1/4"	15 - 70	6.3 - 10 AMP	45 - 160
31GG3EGX	3PST (3-POLE)	100 - 125	(1) 4-PORT 3/8" / (3) 1/4"	15 - 70	10 - 16 AMP	45 - 160
31GG3EJX	3PST (3-POLE)	100 - 125	(1) 4-PORT 3/8" / (3) 1/4"	15 - 70	16 - 20 AMP	45 - 160
31GG3ELX	3PST (3-POLE)	100 - 125	(1) 4-PORT 3/8" / (3) 1/4"	15 - 70	20 - 24 AMP	45 - 160
31GG3EMX	DPST (2-POLE)	100 - 125	(1) 4-PORT 3/8" / (3) 1/4"	15 - 70	22 - 30 AMP	45 - 160
31QG3EEX	3PST (3-POLE)	120 - 150	(1) 4-PORT 3/8" / (3) 1/4"	15 - 70	6.3 - 10 AMP	45 - 160
31QG3EGX	3PST (3-POLE)	120 - 150	(1) 4-PORT 3/8" / (3) 1/4"	15 - 70	10 - 16 AMP	45 - 160
31QG3EJX	3PST (3-POLE)	120 - 150	(1) 4-PORT 3/8" / (3) 1/4"	15 - 70	16 - 20 AMP	45 - 160
31QG3EMX	DPST (2-POLE)	120 - 150	(1) 4-PORT 3/8" / (3) 1/4"	15 - 70	22 - 30 AMP	45 - 160
31KG3EEX	3PST (3-POLE)	140 - 175	(1) 4-PORT 3/8" / (3) 1/4"	30 - 110	6.3 - 10 AMP	60 - 232
31KG3EGX	3PST (3-POLE)	140 - 175	(1) 4-PORT 3/8" / (3) 1/4"	30 - 110	10 - 16 AMP	60 - 232
31KG3ELX	3PST (3-POLE)	140 - 175	(1) 4-PORT 3/8" / (3) 1/4"	30 - 110	20 - 24 AMP	60 - 232
31KG3EMX	DPST (2-POLE)	140 - 175	(1) 4-PORT 3/8" / (3) 1/4"	30 - 110	22 - 30 AMP	60 - 232
31TG3EGX	3PST (3-POLE)	215 - 250	(1) 4-PORT 3/8" / (3) 1/4"	40 - 105	10 - 16 AMP	40 - 360
31TG3EMX	3PST (3-POLE)	215 - 250	(1) 4-PORT 3/8" / (3) 1/4"	40 - 105	22 - 30 AMP	40 - 360

- 3-Pole (N.C.)
- Adjustable Range and Differential
- 1-Phase & 3-Phase
- 4-Port Manifold Connection type
(1) 3/8" FNPT port | (3) 1/4" FNPT ports
- 30 FLA Heavy Duty Contacts
- Adjustable Overload Relay for Motor Protection
- 1/4" Compression Unloader for Copper Tubing
- On/Off switch



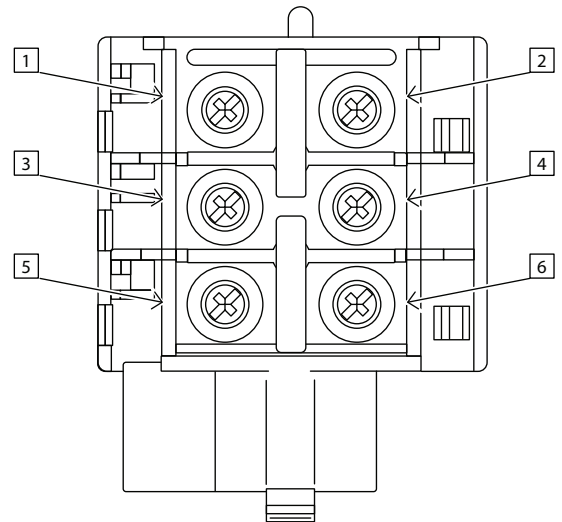
3PST (3-Pole Single Throw)

- Can be wired for 1-Phase and 3-Phase applications
- 1-Phase: use top 2 Poles
Line side terminals 1 & 3
- Motor side Terminals labeled 2 & 4
- Terminals 5 & 6 should remain disconnected
- 3-Phase: use line side terminals 1, 3 & 5
and motor side terminals 2, 4 & 6







DPST (Double Pole Single Throw)

- 1-Phase Wiring Only
- Connect Line Side to Terminals 1 & 5
- Connect Motor side to terminals 2 & 6
- Factory installed jumper is connected to terminals 3 & 4
- Rated for 5HP, 1-Phase, 230V electric motors.
Frame sizes, 56, 56H, 56HZ, R56Y, 143/5T
and 182/4Y
- Due to high starting torque, we recommend
a magnetic motor starter for 5HP 184T and
larger frame motors



TELEMECANIQUE PRESSURE SWITCHES



9013FHG SERIES SWITCHES • LOW HP

	MODEL	PSI RANGE	CONNECTION	FIXED DIFFERENTIAL	MIN CLOSE CUT-IN	MAX OPEN CUT-OUT	HORSEPOWER RATING				
							1-PHASE		3-PHASE		
							120V	240V	120V	240V	480V
STANDARD SWITCH 	9013FHG2J27	80 - 100	1-PORT 1/4"	20	40	100	1.5	2.0	2.0	3.0	1.0
	9013FHG12J52	95 - 125	1-PORT 1/4"	30	70	150	1.5	2.0	2.0	3.0	1.0
	9013FHG42J59	135 - 175	1-PORT 1/4"	40	100	200	1.5	2.0	2.0	3.0	1.0
WITH UNLOADER 	9013FHG2J27X	80 - 100	1-PORT 1/4"	20	40	100	1.5	2.0	2.0	3.0	1.0
	9013FHG12J52X	95 - 125	1-PORT 1/4"	30	70	150	1.5	2.0	2.0	3.0	1.0
	9013FHG42J59X	135 - 175	1-PORT 1/4"	40	100	200	1.5	2.0	2.0	3.0	1.0
WITH LEVER & UNLOADER 	9013FHG2J27M1X	80 - 100	1-PORT 1/4"	20	40	100	1.5	2.0	2.0	3.0	1.0
	9013FHG12J52M1X	95 - 125	1-PORT 1/4"	30	70	150	1.5	2.0	2.0	3.0	1.0
	9013FHG42J55M1X	110 - 150	1-PORT 1/4"	40	100	200	1.5	2.0	2.0	3.0	1.0
	9013FHG42J59M1X	135 - 175	1-PORT 1/4"	40	100	200	1.5	2.0	2.0	3.0	1.0
WITH LEVER, UNLOADER & 4 PORT MANIFOLD 	9013FHG4J27M1X	80 - 100	4-PORT 1/4"	20	40	100	1.5	2.0	2.0	3.0	1.0
	9013FHG14J52M1X	95 - 125	4-PORT 1/4"	30	70	150	1.5	2.0	2.0	3.0	1.0
	9013FHG14J55M1X	120 - 150	4-PORT 1/4"	30	70	150	1.5	2.0	2.0	3.0	1.0
	9013FHG44J59M1X	135 - 175	4-PORT 1/4"	40	100	200	1.5	2.0	2.0	3.0	1.0

Models with X are equipped with 1/4" Compression style Unloader



9013GHG SERIES SWITCHES • SUPER HEAVY DUTY • UP TO 300 PSI

	MODEL	PSI RANGE	CONNECTION	DIFFERENTIAL PSI RANGE	MIN CLOSE CUT-IN	MAX OPEN CUT-OUT	HORSEPOWER RATING		
							1-PHASE		3-PHASE
							120V	240V	240V
STANDARD 	9013GHG2J62	140 - 175	1 PORT 1/4"	20-40	40-170	65-200	2.0	3.0	5.0
	9013GHG1S8J54	110 - 125	1 PORT 1/4"	20-40	40-170	65-200	2.0	3.0	5.0
WITH UNLOADER 	9013GHG2J62X	140 - 175	1 PORT 1/8"	20-40	40-200	65-200	2.0	3.0	5.0

Models with X are equipped with 1/4" Compression style Unloader



ADJUSTABLE PRESSURE SWITCH • SUPER HEAVY DUTY





MODEL	PSI RANGE	CONNECTION MANIFOLD FNPT	DIFFERENTIAL PSI RANGE
9012GNG5	3 - 150 ADJUSTABLE	1 PORT 1/4" FNPT	4.2 - 13.2

- Differential Control 475 PSI Max
- Electromechanical pressure switch
- 3 - 150 PSI Adjustable differential
- NC-NO, SPDT, Form C, snap action, silver nickel contacts
- Commonly found on Rotary Screw Air Compressor applications
- Wiring instructions included



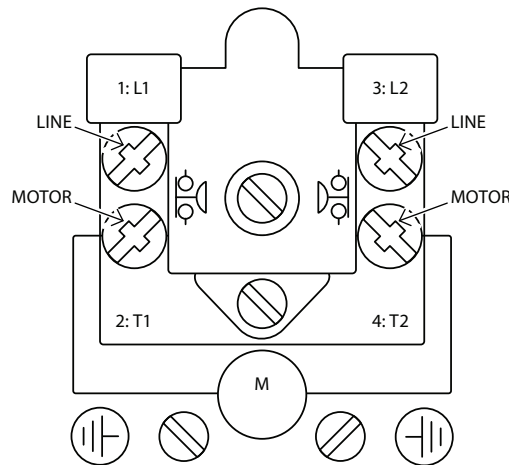
PHONE: 888-393-7152 • orders@controlsandcomponents.com • TEXT: 678-986-0346

HUBBELL 69JG SERIES SWITCHES • HIGH HP

	MODEL	PSI RANGE	CONNECTION	DIFFERENTIAL RANGE	MIN CLOSE CUT-IN	MAX OPEN CUT-OUT	HORSEPOWER RATING			
							1-PHASE		3-PHASE	
							120V	240V	240V	480V
STANDARD SWITCH 	69JG6	80 - 100	1/4" FPT	15 - 25	60	110	2.0	3.0	5.0	1.0
	69JG7	95 - 125	1/4" FPT	25 - 33	50	135	2.0	3.0	5.0	1.0
	69JG8	115 - 150	1/4" FPT	25 - 38	90	165	2.0	3.0	5.0	1.0
	69JG9	140 - 175	1/4" FPT	30 - 40	100	175	2.0	3.0	5.0	1.0
WITH UNLOADER 	69JG6Y	80 - 100	1/4" FPT	15 - 25	60	110	2.0	3.0	5.0	1.0
	69JG7Y	95 - 125	1/4" FPT	25 - 33	50	135	2.0	3.0	5.0	1.0
	69JG8Y	115 - 150	1/4" FPT	25 - 38	90	165	2.0	3.0	5.0	1.0
	69JG9Y	140 - 175	1/4" FPT	30 - 40	100	175	2.0	3.0	5.0	1.0
WITH LEVER & UNLOADER 	69JG6LY	80 - 100	1/4" FPT	15 - 25	60	110	2.0	3.0	5.0	1.0
	69JG7LY	95 - 125	1/4" FPT	25 - 33	50	135	2.0	3.0	5.0	1.0
	69JG8LY	115 - 150	1/4" FPT	25 - 38	90	165	2.0	3.0	5.0	1.0
	69JG9LY	140 - 175	1/4" FPT	30 - 40	100	175	2.0	3.0	5.0	1.0
WITH LEVER, UNLOADER & 4 PORT MANIFOLD 	69JG6LY2C	80 - 100	(4) 1/4" FPT	15 - 25	60	110	2.0	3.0	5.0	1.0
	69JG7LY2C	95 - 125	(4) 1/4" FPT	25 - 33	50	135	2.0	3.0	5.0	1.0
	69JG8LY2C	115 - 150	(4) 1/4" FPT	25 - 38	90	165	2.0	3.0	5.0	1.0
	69JG9LY2C	140 - 175	(4) 1/4" FPT	30 - 40	100	175	1.5	2.0	3.0	1.0

■ Designed for versatility with a rotating unloader that rotates 180°, corrosion-resistant metal enclosure, and straight-through wiring for efficient performance




■ 69JG Series features an available unloader valve, visible double-break contacts, and no-drift pressure settings for precise adjustments



A: Cut in & cut out pressure adjustments
 INCREASE turn CW
 DECREASE turn CCW

B: Differential cut in pressure adjustments
 INCREASE turn CW
 DECREASE turn CCW

HUBBELL 69H SERIES SWITCHES • COMPRESSION TYPE UNLOADER

	MODEL	PSI RANGE	CONNECTION	DIFFERENTIAL RANGE	MIN CLOSE CUT-IN	MAX OPEN CUT-OUT	HORSEPOWER RATING			
							1-PHASE		3-PHASE	
							120V	240V	240V	480V
STANDARD SWITCH 	69HB1	115 - 150	3/8" FPT	35-60	40	250	2.0	5.0	5.0	5.0
	69HB2	100 - 125	3/8" FPT	20-35	10	125	2.0	3.0	5.0	5.0
	69HB3	30 - 40	3/8" FPT	7.0 - 15.0	15	60	2.0	3.0	5.0	5.0
	69HB1Z-140-175	140 - 175	3/8" FPT	35-60	40	250	2.0	3.0	5.0	5.0
 	69HBU1	115 - 150	3/8" FPT	35-60	40	250	2.0	3.0	5.0	5.0
	69HBU2	100 - 125	3/8" FPT	20-35	10	125	2.0	3.0	5.0	5.0
	69HBU3	30 - 40	3/8" FPT	7.0 - 15.0	15	60	2.0	3.0	5.0	5.0
	69HBU1Z-140-175	140 - 175	3/8" FPT	35-60	40	250	2.0	3.0	5.0	5.0

■ 69HB pressure switches are direct replacements for 69HA pressure switches

■ 69HB series features upgraded 30A contact points compared to 25A contact points in 69HA series

■ 69H features available unloader valve, visible double-break contacts, and no-drift pressure settings

■ Designed with 180° rotating compression-type unloader, corrosion-resistant metal enclosure



SUNNY PRESSURE SWITCHES

SUNNY PRESSURE SWITCHES • 25 AMP • HEAVY DUTY • PLASTIC ENCLOSURE

MODEL	PSI RANGE	CONNECTION MANIFOLD NPT	DIFFERENTIAL PSI RANGE	MIN PSI CUT IN	MAX PSI CUT OUT	DESCRIPTION
CC7UL1-HD	95 - 125	1-PORT 1/4"	28 - 40	60	200	PLASTIC ENCLOSURE 25 AMP CONTACTS • 1PH & 3PH • 120V, 240V ADJUSTS EASILY INCLUDES UNLOADER & ON/OFF LEVER
CC7UL4-HD	95 - 125	4-PORT 1/4"	28 - 40	60	200	
CC9UL1-HD	140 - 175	1-PORT 1/4"	28 - 40	60	200	
CC9UL4-HD	140 - 175	4-PORT 1/4"	28 - 40	60	200	



1-Port

4-Port

SUNNY PRESSURE SWITCHES • 25 AMP • HEAVY DUTY • METALLIC ENCLOSURE

MODEL	PSI RANGE	CONNECTION MANIFOLD NPT	DIFFERENTIAL PSI RANGE	MIN PSI CUT IN	MAX PSI CUT OUT	DESCRIPTION
CC-SU-MH1	140 - 175	1-PORT 1/4"	28 - 40	60	200	METAL ENCLOSURE W/UNLOADER

- CC-SU-MH1 adjusts 2.5 revolutions CCW for 100-125 PSI



NEED HELP REPLACING A PRESSURE SWITCH? TEXT 678-986-0346 or EMAIL info@controlsandcomponents.com **1 2 3**:

1 Clear pictures of the entire pressure switch you need to replace

2 Include picture of data listed (commonly found inside the front cover)

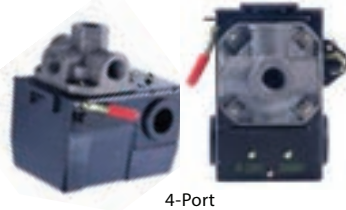
3 Is the switch wired directly to electric motor, or through a magnetic motor starter?

LEFOO PRESSURE SWITCHES • 20 AMP

MODEL	PSI RANGE	CONNECTION MANIFOLD FNPT	DIFFERENTIAL PSI RANGE	MIN PSI CUT IN	MAX PSI CUT OUT	1PH 120V	1PH 240V	3PH 240V	DESCRIPTION
CC7UL1	95 - 125	1-PORT 1/4"	30 - 40	40	150	20A	20A	20A	PLASTIC ENCLOSURE EASILY ADJUSTABLE INCLUDES ON/OFF LEVER 1/4" COMPRESSION UNLOADER
CC7UL4	95 - 125	4-PORT 1/4"	30 - 40	40	150	20A	20A	20A	
CC9UL1	140 - 175	1-PORT 1/4"	25 - 33	50	175	20A	20A	20A	
CC9UL4	140 - 175	4-PORT 1/4"	25 - 33	50	175	20A	20A	20A	



1-Port



4-Port



LEFOO PRESSURE SWITCHES • 26 AMP HEAVY DUTY

MODEL	PSI RANGE	CONNECTION MANIFOLD NPT	DIFFERENTIAL PSI RANGE	MIN PSI CUT IN	MAX PSI CUT OUT	1PH 120V	1PH 240V	DESCRIPTION
CC-26A-7UL1	95 - 125	1-PORT 1/4"	30 - 40	40	150	26A	26A	PLASTIC ENCLOSURE EASILY ADJUSTABLE INCLUDES ON/OFF LEVER 1/4" COMPRESSION UNLOADER
CC-26A-7UL4	95 - 125	4-PORT 1/4"	30 - 40	40	150	26A	26A	
CC-26A-9UL1	140 - 175	1-PORT 1/4"	35 - 55	60	175	26A	26A	
CC-26A-9UL4	140 - 175	4-PORT 1/4"	35 - 55	60	175	26A	26A	
CCHU1	140 - 175	1-PORT 1/4"	20 - 60	40	250	22A	22A	METAL ENCLOSURE WITH UNLOADER
CCHU2	105 - 135	1-PORT 1/4"	20 - 60	40	250	22A	22A	METAL ENCLOSURE WITH UNLOADER



1-Port



4-Port



CCHU1



LEFOO VERTICAL PRESSURE SWITCHES • 26 AMP HEAVY DUTY

MODEL	PSI RANGE	CONNECTION MANIFOLD FNPT	DIFFERENTIAL PSI RANGE	MIN PSI CUT IN	MAX PSI CUT OUT	1PH 120V	1PH 240V	DESCRIPTION
CND-7UL1-26	95 - 125	1-PORT 1/4"	28 - 55	30	155	26A	26A	PUSH LOCK STYLE UNLOADER PORT 6mm or 1/4" O.D. TUBING
CND-7UL4-26	95 - 125	4-PORT 1/4"	28 - 55	30	155	26A	26A	
CND-9UL1-26	140 - 175	1-PORT 1/4"	35 - 55	70	200	26A	26A	
CND-9UL4-26	140 - 175	4-PORT 1/4"	35 - 55	70	200	26A	26A	



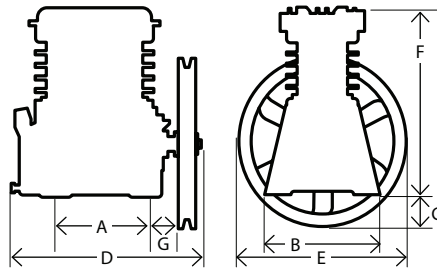
SCHULZ PUMPS

- Solid Cast Iron Construction
- CNC machined – ISO 9002
- Large Swedish stainless steel reed valves
- Flywheel & Metal Intakes included
- Splash oil lubricated pump

SCHULZ PUMP MSI

MODEL	HP	STAGE	RPM	MAX PSI	DISPLAMENT CFM	DELIVERED CFM @ 90 PSI	CYLINDER	WT LBS	STROKE	OIL CAPACITY	FLYWHEEL OD IN / BELT
MSI 5.2ML	1	SINGLE	2275	125	5	3.1	1 - IN-LINE	13	1.26	0.095 QT	6.3 IN / 1 3VX
MSL10MAX	2	SINGLE	860	140	10	6.1	2 - IN-LINE	40	1.85	0.55 QT	10 IN / 1A
MSL15MAX	3	SINGLE	1250	140	15	7.9	2 - IN-LINE	44	1.85	0.55 QT	11.81 IN / 1A
MSL18MAX	4	SINGLE	1190	140	18	12.1	2 - IN-LINE	42	1.85	0.55 QT	11.81 IN / 1A

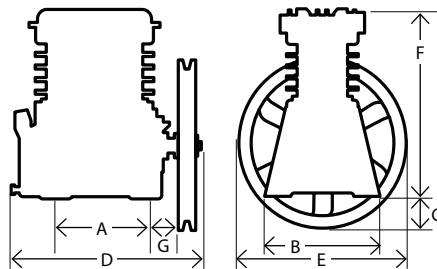
- Oversized crankcase for large oil capacity
- Reversible head, right or left discharge



	MSI 5.2 ML	MSL10MAX	MSL15MAX	MSL18MAX
A	1.575	5.531	5.531	5.531
B	5.276	5.886	5.886	5.886
C	0.433	0.394	0.394	0.394
D	5.906	11.220	11.220	12.086
E	6.890	10.000	11.811	11.811
F	9.449	11.102	11.102	11.889
G	2.165	0.827	0.827	2.381

SCHULZ PUMP MSL • IN-LINE TWO CYLINDER DESIGN

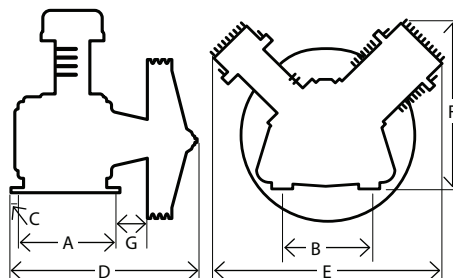
MODEL	HP	STAGE	RPM	MAX PSI	DISPLAMENT CFM	DELIVERED CFM @ 90 PSI	CYLINDER	WT LBS	STROKE	OIL CAPACITY	FLYWHEEL OD IN / BELT
MSL20MAX	5	TWO	985	175	20	16.4	2 - IN-LINE	95	3.622	1.05 QT	16.54 IN / 1A
MSL30MAX	7.5	TWO	820	175	30	22.7	2 - IN-LINE	144	3.622	1.58 QT	16.54 IN / 2A
MSL40MAX	10	TWO	1020	175	40	28.9	2 - IN-LINE	166	3.622	1.58 QT	19.69 IN / 2A



	MSL20MAX	MSL30MAX	MSL40MAX
A	5.512	6.299	6.299
B	8.819	8.583	8.583
C	0.413	0.413	0.413
D	15.945	17.717	17.717
E	16.535	16.535	19.685
F	16.890	18.681	18.681
G	3.878	4.862	4.862

SCHULZ PUMP MSV • TRADITIONAL "V" CYLINDER DESIGN

MODEL	HP	STAGE	RPM	MAX PSI	DISPLAMENT CFM	DELIVERED CFM @ 90 PSI	CYLINDER	WT LBS	STROKE	OIL CAPACITY	FLYWHEEL OD IN / BELT
MSV20MAX	5	TWO	1050	175	20	16.1	2 - V TYPE	97	3.346	1.06 QT	16.54 IN / 1A
MSV30MAX	7.5	TWO	960	175	30	20.6	2 - V TYPE	150	2.972	0.92 QT	16.54 IN / 2A
MSV40MAX	10	TWO	1240	175	40	26.9	2 - V TYPE	174	2.972	0.92 QT	19.69 IN / 2A

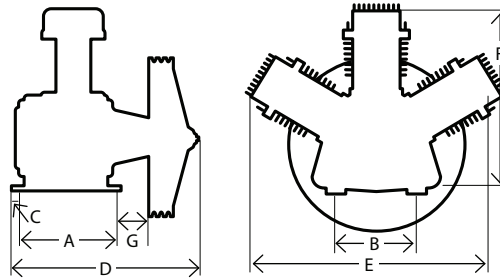


	MSV20MAX	MSV30MAX	MSV40MAX
A	4.213	8.661	8.661
B	9.646	7.874	7.874
C	0.433	0.413	0.413
D	15.354	18.543	18.543
E	20.472	17.126	17.126
F	15.157	16.142	16.142
G	4.528	2.953	2.953

SCHULZ PUMP MSW • THREE CYLINDER W DESIGN

MODEL	HP	STAGE	RPM	MAX PSI	DISPLAMENT CFM	DELIVERED CFM @ 90 PSI	CYLINDER	WT LBS	STROKE	OIL CAPACITY	FLYWHEEL OD IN / BELT
MSW40MAX	10	TWO	710	175	40	28	3 - W TYPE	276	2.755	1.58 QT	19.69 IN / 2B
MSW60MAX	15	TWO	1065	175	60	46	3 - W TYPE	276	2.755	1.58 QT	19.69 IN / 2B

- Finned Intercooler
- Large slow running pump

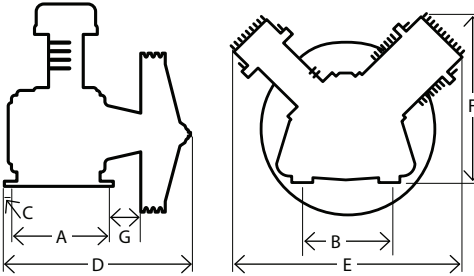


	MSW40	MSW60
A	8.583	8.583
B	12.598	12.598
C	0.551	0.551
D	21.654	21.654
E	29.134	29.134
F	24.409	24.409
G	4.724	4.724

SCHULZ PUMP MSLV • FOUR CYLINDER IN-LINE "V" DESIGN

MODEL	HP	STAGE	RPM	MAX PSI	DISPLAMENT CFM	DELIVERED CFM @ 90 PSI	CYLINDER	WT LBS	STROKE	OIL CAPACITY	FLYWHEEL OD IN / BELT
MSLV 60 BRAVO	15	TWO	820	175	60	47	4 - V TYPE	290	3.622	4.75 QT	21.26 IN / 2B
MSLV 80 BRAVO	20	TWO	1050	175	80	63	4 - V TYPE	290	3.622	4.75 QT	21.26 IN / 2B

- Large slow running pump
- Centrifugal unloader

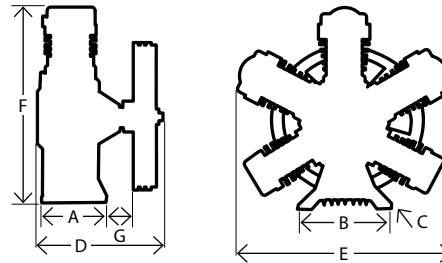


	MSLV 60 BRAVO	MSLV 80 BRAVO
A	7.480	7.481
B	14.488	14.488
C	0.968	0.968
D	22.508	22.508
E	2.984	2.984
F	2.254	2.254
G	6.508	6.508

SCHULZ PUMP MSWV • FIVE CYLINDER "WV" DESIGN

MODEL	HP	STAGE	RPM	MAX PSI	DISPLAMENT CFM	DELIVERED CFM @ 90 PSI	CYLINDER	WT LBS	STROKE	OIL CAPACITY	FLYWHEEL OD IN / BELT
MSWV 80MAX	20	TWO	910	175	80	60.1	5 - WV TYPE	366	2.755	4.72 QT	21.26 IN / 2B

- Large slow running pump
- Centrifugal unloader

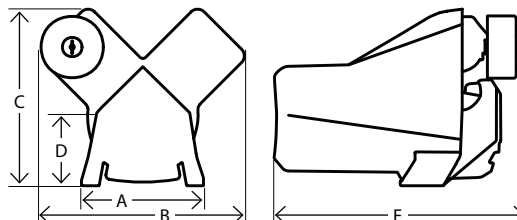


	MSWV80
A	9.606
B	13.543
C	0.551
D	25.591
E	37.795
F	30.709
G	4.724

DIRECT DRIVE CAST IRON PUMP AND MOTOR • TWO STAGE • TWO CYLINDER "V" DESIGN

MODEL	HP	VOLTS / PHASE	RPM	MAX PSI	DISPLAMENT CFM	DELIVERED CFM @ 175 PSI	CYLINDER	WT LBS	STROKE	OIL CAPACITY	FLYWHEEL OD IN / BELT
MCSV 20-1 AP	5	230 / 1	1800	175	20	14.2	2 - V TYPE	115	2.578	-- QT	21.26 IN / 2B
MCSV 20-3 AP	5	230 / 3	1800	175	20	14.2	2 - V TYPE	115	2.578	-- QT	21.26 IN / 2B

- AUDAZ "V" Pump & Motor
- Direct drive using IC-TECH patented technology



Easy & Low-cost maintenance

- Longer oil life (up to 300 hours)
- Lower operating temperature (reduces wear on the components)

	MCSV 20-1 AP	MCSV 20-3 AP
A	12.125	12.125
B	20.000	20.000
C	17.400	17.400
D	6.692	6.692
E	24.566	24.566

SAYLOR BEALL PUMPS

SAYLOR BEALL TWO STAGE AMERICAN MADE PUMPS

WITH CENTRIFUGAL UNLOADER MODEL	WITHOUT CENTRIFUGAL UNLOADER MODEL	HP	RPM LOW HP - HIGH HP	DISPLAMENT CFM HIGHER HP	DELIVERED CFM HIGHER HP @ 175 PSI	CYLINDER	WT LBS	FLYWHEEL OD IN / BELT
UL-703	703	1.5 - 2	400 - 510	10	7.5	2 - IN-LINE	191	16.75 IN / 2A
UL-705	705	3 - 5	540 - 845	23	17.3	2 - IN-LINE	197	16.75 IN / 2B
UL-707	707	7.5 - 10	650 - 845	46	34.4	4 - V TYPE	298	16.75 IN / 2B
UL-4500	4500	10 - 15	635 - 830	63.7	51	2 - IN-LINE	452	20 IN / 4B

4500, UL-4500

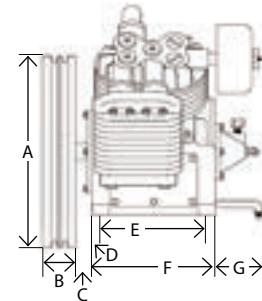
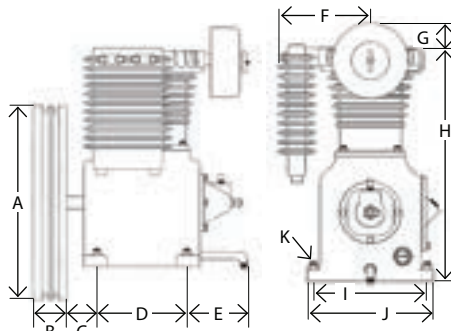
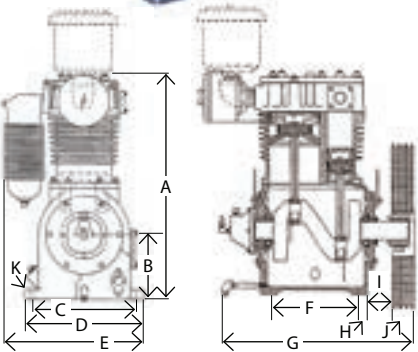
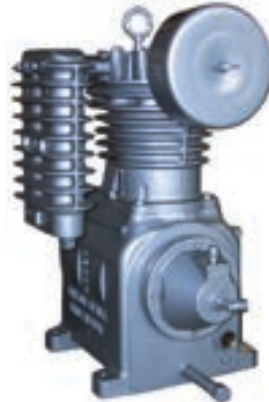
- UL models equipped with built in centrifugal unloader for no load start up
- Splash Lubricated Two Stage Pump with 2-Inline Cylinders
- Oil Capacity: 4 QT
- Oil Type: ISO 150 or ASTM 700
- Stroke: 4.5 in
- Intercoolers: sturdy finned cast aluminum
- Crankshaft: cast meehanite, ground polished journals

703, UL-703, 705, UL-705

- UL models equipped with built in centrifugal unloader for no load start up
- Splash lubricated Two Stage pump with 2-Inline cylinders
- Oil capacity: 2 QT 703 & 705 models
- Oil type: ISO 150 or ASTM 700
- Stroke: 3.5 in 703 & 705 models
- Cylinders: finned cast iron & precision honed
- Crankshaft: cast meehanite, ground polished journals

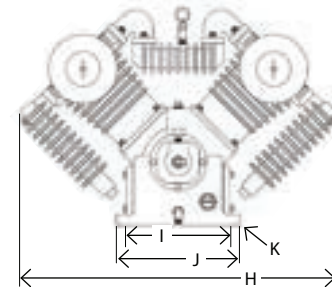
707, UL-707

- UL models equipped with built in centrifugal unloader for no load start up
- Splash Lubricated Two Stage Pump with 4 V-Type Cylinders
- Oil Capacity: 3.5 QT
- Oil Type: ISO 150 or ASTM 700
- Stroke: 3.5 in
- Intercoolers: sturdy finned cast iron with safety valves
- Crankshaft: cast meehanite, ground & polished



A	26 3/8" OD	G	26 1/2"
B	6 3/4"	H	1 1/16"
C	12 3/4"	I	2 1/2"
D	14 1/8"	J	3 1/4"
E	17"	K	(4) 17/32" DIAM HOLES
F	12 3/8"		

A	16 3/4" OD	G	2"
B	2 7/8"	H	18 1/4"
C	2 1/2"	I	9"
D	7 3/4"	J	10"
E	6"	K	(4) 13/32" DIAM HOLES
F	6 5/8"		



Saylor Beall Standard Features

- Cylinder head: finned cast Iron with serviceable valves from the top
- Connecting rods: replaceable precision type automotive inserts, crank end replaceable needle bearings (wrist pin end)
- Pistons: L.P. Aluminum, H.P. cast iron
- Piston Rings: 3 compression 1 Oil

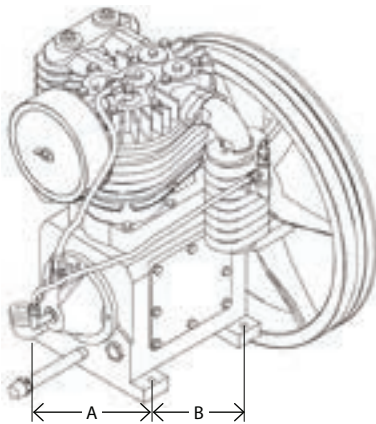
A	16 3/4" OD	G	4 7/8"
B	2 7/8"	H	26 3/4"
C	1 7/16"	I	9 5/8"
D	13/16"	J	10 3/4"
E	9 1/8"	K	(4) 15/32" DIAM HOLES
F	10 3/4"		

CASTAIR PUMPS

MODEL	HP	STAGE	RPM LOW HP - HIGH HP	DISPLAMENT CFM HIGHER HP	DELIVERED CFM HIGHER HP @ 175 PSI	CYLINDER	WT LBS	STROKE	OIL CAPACITY	FLYWHEEL OD IN / BELT
C1-PUMP	5 - 7.5	TWO	767 - 895	22	17.5	2 - IN-LINE	225	3.50	2 QT	16.875 IN / 2B
C2-PUMP	5 - 10	TWO	585 - 758	45	35	4 - V TYPE	320	3.50	2 QT	19 IN / 2B
C3-PUMP	15	TWO	570 - 795	61.7	50.2	3 - W TYPE	485	3.15	1.75 GAL	14 IN / 3B

C1-PUMP

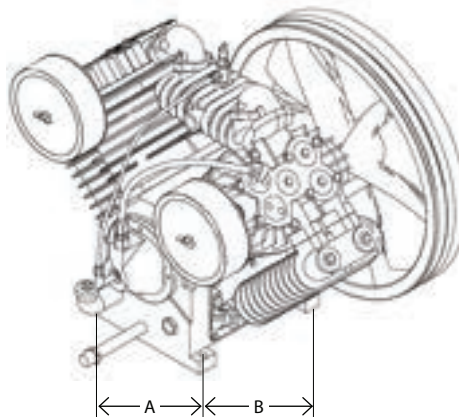
- Castair Two Stage models are equipped with built in centrifugal unloader for loadless start up
- Splash Lubricated Two Stage pump with 2-Inline cylinders
- Oil capacity: 2 QT
- Oil type: Synthetic GA10W30
- Stroke: 3.5 in
- Finned cast iron intercooler & aftercooler for maximum heat dissipation



A	7 3/4"	B	9"
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C2-PUMP

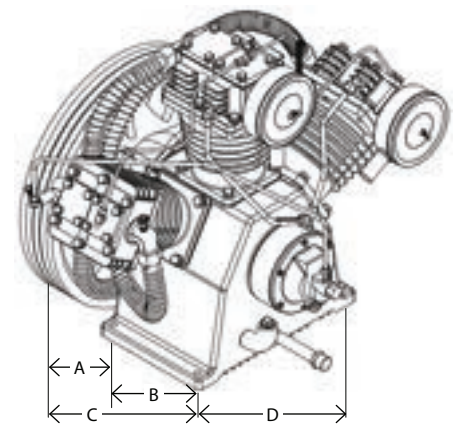
- Castair Two Stage models are equipped with built in centrifugal unloader for loadless start up
- Splash Lubricated Two Stage pump with 4 V-Type cylinders
- Oil capacity: 2 QT
- Oil type: synthetic GA10W30
- Stroke: 3.5 in
- Finned cast iron intercooler & aftercooler for maximum heat dissipation



A	9 5/8"	B	9 1/5"
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C3-PUMP

- Castair Two-Stage models are equipped with built in centrifugal unloader for loadless start Up
- Splash Lubricated Two Stage pump with 3 W-Type cylinders
- Oil capacity: 1.75 GAL
- Oil type: synthetic GA10W30
- Stroke: 3.15 in
- Finned copper tube type intercooler & aftercooler



A	7 9/10"	30 1/8"	OVERALL WIDTH
B	9"		
C	12 3/4"	27 5/12"	OVERALL HEIGHT
D	22 4/5"		

Castair Standard Features

- Tapered roller bearings at both ends of the crankshaft, for less friction
- Pistons have 4 rings for higher efficiency & less oil carry-over
- All steel connecting rods with automotive type rod insert bearings at crankshaft
- Needle bearings at wrist pin
- Disc and spring valves for high efficiency and reliability can be easily removed from the top without removing the head

SMC REFRIGERATED AIR DRYERS

Series IDFB*E refrigerated air dryers are suitable for use in aftercooled systems with compressors up to ~100 hp (depending on dew point desired). These durable units have simple control systems and are easily serviced.



- Simple control system, incorporating easy to read evaporator gauge
- Stainless steel heat exchanger providing long life and low pressure drops
- Compact design with staggered inlet/outlet ports for ease of installation
- Always install dryers in a vertical position
- 3/8" push-in condensate drain port
- Dryers require a minimum 1 Micron Pre-Filter / Separator to remove heavy moisture and debris
- Follow Operation and maintenance instructions
- Correction factor charts available
- Send questions to info@controlsandcomponents.com

SMC REFRIGERATED AIR DRYERS

MODEL	CFM AT PRESSURE DEWPOINTS			NPT CONNECTION	VOLTAGE PHASE HZ	REFRIGERANT FLUID	DIMENSIONS HEIGHT x WIDTH x DEPTH	PSI MAX	MAX INLET AIR TEMP	WT LBS	SHIP CODE
	37°	45°	50°								
IDFB3E-11N	10	11	12	3/8"	115/1/60	R134a	18.60" x 8.90" x 16.10"	150	120°	40	G
IDFB4E-11N	15	16	17	1/2"	115/1/60	R134a	19.50" x 10.60" x 17.70"	150	120°	55	G
IDFB6E-11N-K	25	26	28	3/4"	115/1/60	R134a	19.50" x 10.60" x 17.70"	240	120°	57	G
IDFB8E-11N-K	41	43	45	3/4"	115/1/60	R134a	22.20" x 10.60" x 22.20"	240	120°	64	G
IDFB11E-11N-K	59	62	65	3/4"	115/1/60	R134a	22.20" x 10.60" x 22.20"	240	120°	73	G
IDFB15E-11N-K	71	80	86	1"	115/1/60	R134a	22.80" x 11.80" x 23.70"	240	120°	110	G
IDFB60-11N-L	113	155	217	1"	115/1/60	R410A	23.80" x 12.10" x 29.30"	232	149°	108	G
IDFB60-23N-L	113	155	217	1"	230/1/60	R410A	23.80" x 12.10" x 29.30"	232	149°	108	G
IDFB70-23N-L	166	215	251	1 1/2"	230/1/60	R410A	32.50" x 13.50" x 35.0"	232	149°	150	F
IDFB55E-30N-X224-L	226	258	297	2"	230/3/60	R407C	31.50" x 18.50" x 33.70"	232	149°	220	F
IDFB55E-46N-L	226	258	297	2"	460/3/60	R407C	31.50" x 18.50" x 33.70"	232	120°	258	F
IDFB80E-23N-L	247	314	353	2"	230/1/60	R407C	34.0" x 17.20" x 37.70"	232	120°	209	F
IDFB75E-30N-X224-L	300	353	406	2"	230/3/60	R407C	35.40" x 18.50" x 33.70"	232	120°	255	F
IDFB75E-46N-L	300	353	406	2"	460/3/60	R407C	35.40" x 18.50" x 33.70"	232	120°	271	F
IDFB90-23N-L	335	406	459	2"	230/1/60	R410A	34.0" x 17.20" x 37.70"	243	149°	243	F

G = Ground Shipping F = Freight Truck Shipping Only

SMC DRYER REPLACEMENT PARTS

MODEL	DESCRIPTION
ADH4000-04	Heavy Duty Auto Drain: Models IDFB4E, IDFB6E, IDFB8E, IDFB11E, IDFB15E
IDF-S1927	Auto Drain Bowl Assembly: Models IDFB6E, IDFB8E, IDFB11E, IDFB15E
ADH-E400	Exhaust mechanism replacement kit: Models IDFB55E, IDFB75E
IDF-S0199	Timer type solenoid valve with auto drain: 115V Models IDFB4E, IDFB6E, IDFB8E, IDFB11E, IDFB15E
IDF-S0302	Timer type solenoid valve with auto drain: 230V Models IDFB55E, IDFB75E-46

DUST COLLECTING FILTER SET

MODEL	APPLICABLE DRYER
IDF-FL209	IDFB3E
IDF-FL203	IDFB4E IDFB6E
IDF-FL204	IDFB8E
IDF-FL205	IDFB11E
IDF-FL206	IDFB15E
IDF-FL213	IDFB55E
IDF-FL214	IDFB75E

SMC HIGH TEMPERATURE REFRIGERATED AIR DRYERS

The SMC IDU series refrigerated compressed-air dryers are designed for high-inlet-temperature applications. These dryers feature environmentally compliant refrigerants (such as R-134a and R-407C) that meet Montreal Protocol regulations, and stainless-steel plate heat exchangers for improved corrosion resistance. They provide a stable supply of dry air even under high demand and high temperature conditions. Available in multiple flow capacities to match different system requirements.

- Simple control system, incorporates easy to read evaporator gauge
- Stainless steel heat exchanger provides long life and low pressure drops
- Compact design with staggered inlet/outlet ports for ease of installation
- Built in aftercooler (except IDU6E)
- Units come with BSPT threads
- Corresponding NPT adapter included
- Send questions to info@controlsandcomponents.com



SMC REFRIGERATED AIR DRYERS

MODEL	CFM AT PRESSURE DEWPOINTS			NPT CONNECTION	VOLTAGE PHASE HZ	REFRIGERANT FLUID	DIMENSIONS HEIGHT x WIDTH x DEPTH	PSI MAX	MAX INLET AIR TEMP	WT LBS	SHIP CODE
	37°	45°	50°								
IDU6E-10-K	11	16	20	3/4"	115/1/60	R134a	22 3/8" x 10 5/8" x 19 1/8"	232	176°	62	G
IDU8E-10-K	16	24	29	3/4"	115/1/60	R134a	33 7/8" x 10 5/8" x 19 1/8"	232	176°	97	G
IDU11E-10-K	23	34	41	3/4"	115/1/60	R134a	35 5/8" x 10 5/8" x 19 1/8"	232	176°	104	G
IDU15E1-10-K	37	56	68	1"	115/1/60	R134a	37 5/8" x 11 5/8" x 24 3/8"	232	176°	157	F
IDU22E-30-L	57	86	104	1"	230/3/60	R407C	45 3/8" x 12 7/8" x 30 1/2"	232	176°	199	F
IDU37E-30-L	81	122	147	1 1/2"	230/3/60	R407C	49 1/2" x 14 1/8" x 34 7/8"	232	176°	287	F
IDU55E-30-L	94	146	178	2"	230/3/60	R407C	53" x 18 1/2" x 34 7/8"	232	176°	353	F
IDU75E-30-L	120	186	227	2"	230/3/60	R407C	58 3/8" x 18 1/2" x 34 7/8"	232	176°	366	F

G = Ground Shipping F = Freight Truck Shipping Only

SMC DRYER REPLACEMENT PARTS

MODEL	DESCRIPTION
ADH4000-04	Heavy Duty Auto Drain: Models IDU3E, IDU6E, IDU8E, IDU11E, IDU15E
IDF-S1926	Auto Drain Bowl Assembly: Models IDU3E, IDU6E, IDU8E, IDU11E, IDU15E
ADH-E400	Exhaust mechanism replacement kit: Models IDU22E, IDU37E, IDU55E, IDU75E
IDF-S0302	Timer type solenoid valve with auto drain: 230V Models IDU3E, IDU6E, IDU8E, IDU11E, IDU15E, IDU22E, IDU37E
IDF-S0302	Timer type solenoid valve with auto drain: 230V Models IDU55E, IDU75E

DUST COLLECTING FILTER SET

MODEL	APPLICABLE DRYER
IDF-FL203	IDU3E
IDF-FL204	IDU4E
IDF-FL205	IDU6E
IDF-FL210	IDU8E
IDF-FL211	IDU11E
IDF-FL212	IDU15E1



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SCHULZ ADS DRYERS

Designed to facilitate inspection & maintenance operations. Panels are easily removable & allow immediate access to internal components. Operation monitored by an electronic controller. Refrigerant circulated using high-efficiency compressors.

- Dryers require a minimum 1 Micron Pre-Filter / Separator to remove heavy moisture and debris
- Follow Operation and maintenance instructions
- Always install dryers in a vertical position
- Correction factor charts available
- Dew Point: 41°F
- Nominal inlet air pressure: 100 PSI
- Max ambient temp: 32°F min to 113°F max
- ISO 14001 certified
- Send questions to info@controlsandcomponents.com

SCHULZ NON-CYCLING REFRIGERATED AIR DRYERS

MODEL	CFM MAX	NPT CONNECTION	INLET PSI MAX	VOLTAGE	REFRIGERANT FLUID	HEIGHT x WIDTH x DEPTH	WIRE AWG	WT LBS	SHIP CODE
ADS-10	10	3/8" FNPT	230	115/1/60	R134A	17 1/8" x 12 3/16" x 14 9/16"	14 GA	46	G
ADS-15	15	3/8" FNPT	230	115/1/60	R134A	17 1/8" x 12 3/16" x 14 9/16"	14 GA	48	G
ADS-20	20	1/2" FNPT	230	115/1/60	R134A	18 11/16" x 14 9/16" x 20 1/4"	14 GA	55	G
ADS-35	35	1/2" FNPT	230	115/1/60	R134A	18 11/16" x 14 9/16" x 20 1/4"	10 GA	62	G
ADS-50	50	1/2" FNPT	230	115/1/60	R134A	18 11/16" x 14 9/16" x 20 1/4"	14 GA	70	G
ADS-75	75	1" FNPT	200	115/1/60	R134A	29 1/8" x 13 9/16" x 16 9/16"	10 GA	75	G
ADS-100	100	1 1/4" FNPT	200	115/1/60	R134A	29 1/8" x 13 9/16" x 17 1/2"	14 GA	86	G
ADS-125	125	1 1/4" FNPT	200	115/1/60	R407C	29 1/8" x 13 9/16" x 17 1/2"	10 GA	88	G
ADS-150	150	1 1/4" FNPT	200	115/1/60	R407C	32 7/16" x 19 1/8" x 17 15/16"	14 GA	110	G
ADS-175	175	1 1/2" FNPT	200	115/1/60	R407C	34 13/16" x 21 7/8" x 22 13/16"	10 GA	119	F
ADS-220	220	1 1/2" FNPT	200	230/1/60	R407C	34 13/16" x 21 7/8" x 22 13/16"	14 GA	123	F
ADS-300	300	2" FNPT	200	230/1/60	R407C	38 3/8" x 21 7/8" x 24 5/8"	10 GA	207	F
ADS-375	375	2" FNPT	200	230/1/60	R407C	38 3/8" x 21 7/8" x 24 5/8"	6 GA	212	F
ADS-480	480	2 1/2" FNPT	200	230/1/60	R407C	43 1/2" x 26 3/16" x 28 9/16"	6 GA	317	F

G = Ground Shipping F = Freight Truck Shipping Only



Refrigerated Air Dryers must be used in congruence with a minimum 5 Micron Particulate Filter Water Separator or Coalescing filter. It is vital that pooling liquid water is removed from the compressed lines before entering the dryer.



Tsunami Filters



Arrow Filters



THB Filters

Flexible steel connector required between compressor & after-cooler



SCHULZ SMH HIGH TEMP DRYERS & AFTER COOLERS

Schulz SMH High Temp Dryers eliminate need for separate aftercooler & moisture separators. It is not necessary to upsize the dryer compensate for high inlet temperature or high ambient temperature conditions. Designed to accept up to 194°F inlet air temperatures & operate in 113°F ambient conditions. For proper sizing & required dew points, refer to Nominal CFM Rating performance in table.

- Nominal CFM conditions are: 50 PDP at + 176°F inlet Air, 100 PSIG & 90°F ambient conditions
- Built in aftercooler circuit with separate drain
- Lower pressure drops
- Energy efficient refrigeration compressors
- All units run at less than 70 db(A) sound levels

SCHULZ HIGH TEMPERATURE NON-CYCLING REFRIGERATED AIR DRYERS

MODEL	NOMINAL CFM RATINGS			NPT CONNECTION	VOLTAGE	REFRIGERANT FLUID	HEIGHT x WIDTH x DEPTH	WT LBS	SHIP CODE
	50 PDP	45 PDP	41 PDP						
SMH-030	28	26	21	1/2" FNPT	115/1/60	R134A	16 11/16" x 25 9/16" x 16 1/4"	73	G
SMH-040	42	39	32	1/2" FNPT	115/1/60	R134A	16 11/16" x 25 9/16" x 16 1/4"	75	G
SMH-050	64	59	48	1/2" FNPT	115/1/60	R134A	16 11/16" x 25 9/16" x 16 1/4"	82	G
SMH-075	88	81	66	1" FNPT	115/1/60	R134A	17 1/8" x 35 9/16" x 17 1/2"	99	G
SMH-100	113	104	85	1 1/4" FNPT	115/1/60	R134A	17 1/8" x 35 9/16" x 17 1/2"	108	G
SMH-150	159	147	120	1 1/4" FNPT	115/1/60	R134A	20 7/16" x 35 1/8" x 18 15/16"	135	G

G = Ground Shipping



AFTER COOLERS & BELT GUARDS



FREE STANDING AFTER-COOLERS

MODEL	CFM	OUTLET/INLET	WEIGHT	DIMENSIONS L x W x H
FSAC35	35	3/4" NPT	30 lbs	21" x 12" x 27"
FSAC50	50	1" NPT	40 lbs	21" x 12" x 31"
FSAC75	75	1" NPT	70 lbs	27" x 15" x 36"
FSAC100	100	1 1/4" NPT	80 lbs	26" x 16" x 42"

- Air is compressed & heated to 350°F turning water into vapor, becoming suspended
- Aftercooler chills compressed air within 15°F above ambient temperature
- Water in air supply is reduced by half for every 20°F reduction in temperature
- 250 PSI maximum operating pressure
- 350°F maximum operating temperature
- 115 Volt, 1-Phase, 60hz for all units
- Capable of floor or suspended mounting
- Optional horizontal or vertical air flow
- Full line of moisture traps & separators located in Auto Drain section

LOW OIL SAFETY SWITCH

MODEL	DESCRIPTION
LOA	LOW OIL SAFETY SWITCH

- LOA Connection
- 1" Male (MNPT)



BELT GUARD AFTER-COOLERS

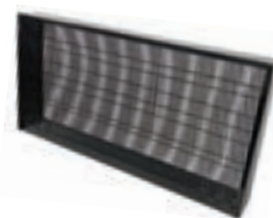
MODEL	CFM	OUTLET/INLET	WEIGHT	DIMENSIONS L x W x H
AC1	50	1" FNPT	9 lbs	21" x 2" x 14"
AC2	75	1" FNPT	14 lbs	19" x 2" x 15"

- Enables storage of cooler, putting drier air in receiver tank
- Mounts directly to existing belt guard
- Max operating pressure: 250 PSI

STEEL FRAME BELT GUARDS

MODEL	DIMENSIONS L x W x H
2BG	24" x 16" x 5"
3BG	32" x 20" x 5"
4BG	40" x 20" x 5"
5BG	48" x 32" x 7.5"

- Cut cage template to fit specific application
- Detachable bottom tray for easy mounting



FLEXIBLE METAL HOSES

- American-made stainless steel braided pump connectors
- 300 alloy stainless hose with 304 stainless braid
- SCH 40 carbon steel nipple with male threaded ends
- 321 stainless steel corrugated hose construction
- Working pressure 450–900 PSI (varies by size and length)
- Maximum temperature rating 1000°F
- Every flex hose factory tested for quality assurance
- Custom lengths and NPT sizes available

FLEXIBLE METAL HOSE WITH MACHINED BEVELED HEX ENDS



1/4" MNPT ENDS

MODEL	LENGTH
FMC14-12-B	12"
FMC14-18-B	18"
FMC14-24-B	24"
FMC14-36-B	36"
FMC14-48-B	48"

3/8" MNPT ENDS

MODEL	LENGTH
FMC38-12-B	12"
FMC38-18-B	18"
FMC38-24-B	24"
FMC38-36-B	36"
FMC38-48-B	48"

1/2" MNPT ENDS

MODEL	LENGTH
FMC50-12-B	12"
FMC50-18-B	18"
FMC50-24-B	24"
FMC50-36-B	36"
FMC50-48-B	48"
FMC50-60-B	60"
FMC50-72-B	72"
FMC50-84-B	84"

3/4" MNPT ENDS

MODEL	LENGTH
FMC75-12-B	12"
FMC75-18-B	18"
FMC75-24-B	24"
FMC75-36-B	36"
FMC75-48-B	48"
FMC75-60-B	60"
FMC75-72-B	72"
FMC75-84-B	84"

1" MNPT ENDS

MODEL	LENGTH
FMC1-12-B	12"
FMC1-18-B	18"
FMC1-24-B	24"
FMC1-36-B	36"
FMC1-48-B	48"
FMC1-60-B	60"
FMC1-72-B	72"
FMC1-84-B	84"

1 1/4" MNPT ENDS

MODEL	LENGTH
FMC1.25-12-B	12"
FMC1.25-18-B	18"
FMC1.25-24-B	24"
FMC1.25-36-B	36"
FMC1.25-48-B	48"
FMC1.25-60-B	60"
FMC1.25-72-B	72"
FMC1.25-84-B	84"

1 1/2" MNPT ENDS

MODEL	LENGTH
FMC1.5-12-B	12"
FMC1.5-18-B	18"
FMC1.5-24-B	24"
FMC1.5-36-B	36"
FMC1.5-48-B	48"
FMC1.5-60-B	60"
FMC1.5-72-B	72"
FMC1.5-84-B	84"

2" MNPT ENDS

MODEL	LENGTH
FMC2-12-B	12"
FMC2-18-B	18"
FMC2-24-B	24"
FMC2-36-B	36"
FMC2-48-B	48"
FMC2-60-B	60"
FMC2-72-B	72"
FMC2-84-B	84"

FLEXIBLE METAL HOSE WITH STANDARD ENDS



1/2" MNPT ENDS

MODEL	LENGTH
FMC50-12	12"
FMC50-18	18"
FMC50-24	24"
FMC50-36	36"
FMC50-48	48"

3/4" MNPT ENDS

MODEL	LENGTH
FMC75-12	12"
FMC75-18	18"
FMC75-24	24"
FMC75-36	36"
FMC75-48	48"

1" MNPT ENDS

MODEL	LENGTH
FMC1-12	12"
FMC1-18	18"
FMC1-24	24"
FMC1-36	36"
FMC1-48	48"

1 1/4" MNPT ENDS

MODEL	LENGTH
FMC1.25-12	12"
FMC1.25-18	18"
FMC1.25-24	24"
FMC1.25-36	36"
FMC1.25-48	48"

1 1/2" MNPT ENDS

MODEL	LENGTH
FMC1.5-12	12"
FMC1.5-18	18"
FMC1.5-24	24"
FMC1.5-36	36"
FMC1.5-48	48"

2" MNPT ENDS

MODEL	LENGTH
FMC2-12	12"
FMC2-18	18"
FMC2-24	24"
FMC2-36	36"
FMC2-48	48"

2 1/2" MNPT ENDS

MODEL	LENGTH
FMC2.5-12	12"
FMC2.5-18	18"
FMC2.5-24	24"
FMC2.5-36	36"
FMC2.5-48	48"

3" MNPT ENDS

MODEL	LENGTH
FMC3-12	12"
FMC3-18	18"
FMC3-24	24"
FMC3-36	36"
FMC3-48	48"

STAINLESS STEEL FLEXIBLE METAL HOSES

- American-made stainless steel braided pump connectors
- 300 alloy stainless hose with 304 stainless braid
- 304 stainless with male threaded ends
- 321 stainless steel corrugated hose construction
- Working pressure 450–900 PSI (varies by size and length)
- Maximum temperature rating 1000°F
- Every flex hose factory tested for quality assurance
- Custom lengths and NPT sizes available

ALL STEEL CONSTRUCTION FLEXIBLE METAL HOSE WITH STANDARD ENDS



1/2" MNPT ENDS

MODEL	LENGTH
FMC50-12-SS	12"
FMC50-18-SS	18"
FMC50-24-SS	24"
FMC50-36-SS	36"
FMC50-48-SS	48"

3/4" MNPT ENDS

MODEL	LENGTH
FMC75-12-SS	12"
FMC75-18-SS	18"
FMC75-24-SS	24"
FMC75-36-SS	36"
FMC75-48-SS	48"

1" MNPT ENDS

MODEL	LENGTH
FMC1-12-SS	12"
FMC1-18-SS	18"
FMC1-24-SS	24"
FMC1-36-SS	36"
FMC1-48-SS	48"

1 1/4" MNPT ENDS

MODEL	LENGTH
FMC1.25-12-SS	12"
FMC1.25-18-SS	18"
FMC1.25-24-SS	24"
FMC1.25-36-SS	36"
FMC1.25-48-SS	48"

1 1/2" MNPT ENDS

MODEL	LENGTH
FMC1.5-12-SS	12"
FMC1.5-18-SS	18"
FMC1.5-24-SS	24"
FMC1.5-36-SS	36"
FMC1.5-48-SS	48"

2" MNPT ENDS

MODEL	LENGTH
FMC2-12-SS	12"
FMC2-18-SS	18"
FMC2-24-SS	24"
FMC2-36-SS	36"
FMC2-48-SS	48"

2 1/2" MNPT ENDS

MODEL	LENGTH
FMC2.5-12-SS	12"
FMC2.5-18-SS	18"
FMC2.5-24-SS	24"
FMC2.5-36-SS	36"
FMC2.5-48-SS	48"

3" MNPT ENDS

MODEL	LENGTH
FMC3-12-SS	12"
FMC3-18-SS	18"
FMC3-24-SS	24"
FMC3-36-SS	36"
FMC3-48-SS	48"

MORGANTON VERTICAL TANKS

■ **ASME Certified**

Meets strict safety and performance standards

■ **Protective Finish**

Standard gray primer; optional powder coating or treatments

■ **Multiple Capacities**

Range of sizes for various compressed air applications

■ **Custom Fabrication**

Stainless steel and large-capacity tanks on request

■ **Accessories Offered**

Safety valves, gauges, ball valves, and fittings sold as kits or individually

■ **Made in the USA**

High-quality materials and consistent craftsmanship

■ **Imported Models***

Select models manufactured outside the United States

■ **Stock & Custom Availability**

Most sizes in stock; 300 PSI and extended top plate tanks built to order

■ **Tested Performance**

Each tank is hydrostatically tested for safety and reliability

VERTICAL TANKS

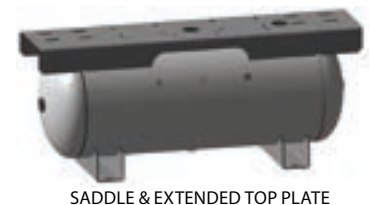
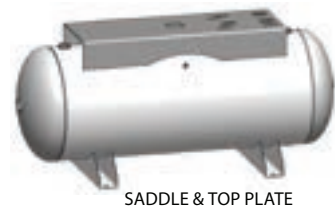
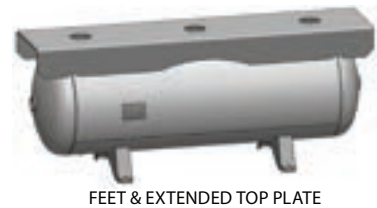
MODEL	GALLONS	DIMENSIONS (FEET)	PRESSURE	SUPPORTS & ATTACHMENTS
VES0010060	10	10 x 30	200	BASE RING
VES0009897	15	12 x 33	200	BASE RING
VES08573	20	14 x 33	200	FEET
VES0009979	20	14 x 33	200	FEET & TOP PLATE
VES04759	30	16 x 38	200	FEET
VES09121	30	16 x 38	200	FEET & TOP PLATE
VES04882	60	20 x 48	200	FEET
VES04772	60	20 x 48	200	FEET & TOP PLATE
VES04883	80	20 x 63	200	BASE RING
VES0009767	80	20 x 63	300	BASE RING
VES04862	80	20 x 63	200	FEET
VES04784	80	20 x 63	200	FEET & TOP PLATE
VES09299	120	24 x 67	200	BASE RING
VES09600	120	24 x 67	300	BASE RING
VES09279	120	30 x 45	200	BASE RING
VES04766	120	30 x 45	200	BASE RING & TOP PLATE
VES09298	200	30 x 72	200	BASE RING
VES0009921	200	30 x 72	300	BASE RING
VES04795	240	30 x 84	200	BASE RING
VES0009907	240	30 x 84	300	BASE RING
VES0010327	400	36 x 93	165	BASE RING
VES07584	400	36 x 93	200	BASE RING
VES0010423	400	39 x 93	300	BASE RING
VES0010667	500	36 x 116	165	BASE RING
VES0010668	500	36 x 116	200	BASE RING
VES0011665*	660		160	BASE RING
VES0011666*	660		200	BASE RING
VES0011667*	1060		165	BASE RING
VES0011668*	1060		200	BASE RING

* Not manufactured in USA



HORIZONTAL TANKS

MODEL	GALLONS	DIMENSIONS (FEET)	PRESSURE	SUPPORTS & ATTACHMENTS
VES0010066	3	8 x 16	200	FEET
VES0010067	5	10 x 16	200	FEET
VES0010068	7	12 x 17	200	FEET
VES09653	10	12 x 23	200	FEET
VES0010059	10	10 x 30	200	FEET
VES04761	12	12 x 27	200	FEET
VES05198	12	12 x 27	200	FEET & TOP PLATE
VES0010069	13	14 x 23	200	FEET
VES0010070	15	14 x 26	200	FEET
VES0010061	15	12 x 33	200	FEET
VES0011029	15	12 x 33	200	FEET & TOP PLATE
VES0010071	19	16 x 25	200	FEET
VES04770	20	14 x 33	200	FEET
VES0010329	20	14 x 33	300	FEET
VES04771	20	14 x 33	200	FEET & TOP PLATE
VES0010072	24	16 x 31	200	FEET
VES0010073	30	18 x 31	200	FEET
VES04848	30	16 x 38	200	FEET
VES0010196	30	16 x 38	300	FEET
VES04760	30	16 x 38	200	FEET & TOP PLATE
VES04850	60	20 x 48	200	FEET
VES04774	60	20 x 48	200	FEET & TOP PLATE
VES0010792	60	20 x 48	300	FEET & TOP PLATE
VES0010492	60	20 x 48	200	FEET & EXTENDED TOP PLATE
VES04854	80	20 x 63	200	FEET
VES04781	80	20 x 63	200	FEET & TOP PLATE
VES0010251	80	20 x 63	200	FEET & EXTENDED TOP PLATE
VES04863	120	20 x 67	200	SADDLE
VES04769	120	24 x 67	200	SADDLE & TOP PLATE
VES0011090	120	24 x 67	300	SADDLE & TOP PLATE
VES09206	120	24 x 67	200	SADDLE & EXTENDED TOP PLATE
VES0010339	200	30 x 72	200	SADDLE
VES09300	200	30 x 72	200	SADDLE & TOP PLATE
VES04866	240	30 x 84	200	SADDLE
VES04792	240	30 x 84	200	SADDLE & TOP PLATE
VES0010449	240	30 x 84	300	SADDLE & TOP PLATE
VES09207	240	30 x 84	200	SADDLE & EXTENDED TOP PLATE
VES0010575	400	36 x 93	165	SADDLE
VES09076	400	36 x 93	200	SADDLE
VES0010720	500	36 x 116	165	SADDLE
VES0010721	500	36 x 116	200	SADDLE



TYPES OF OIL

Universal Fluid

1000 SERIES provides synthetic performance to meet or exceed OEM compressor fluids. Rated for 8,000 hours at 200°F, it is compatible with most compressor fluids, including polyglycols, polyol esters, diesters, and synthetic hydrocarbons. Not compatible with silicone-based fluids.

Partial Synthetic

2000 SERIES is a synthetic blend for reciprocating and rotary screw compressors. Rated for extended drain intervals, it reduces carbon and varnish buildup, lowering maintenance costs compared to petroleum oils.

SH Synthetic

3000 SERIES is a synthetic fluid for rotary screw compressors, rated for 8,000 hours. It offers thermal stability, oxidation resistance, low pour point, and high flash point while protecting against corrosion, rust, and wear. A direct replacement for many PAO lubricants.

Semi Synthetic

4000 SERIES combines highly refined synthetic base oils and is rated for 4,000 hours. With a higher flash point than comparable fluids, it improves safety and thermal stability. Ideal for dusty or partial-duty rotary screws not requiring an 8,000-hour lubricant.

Diester

5000 SERIES uses high-quality diester base oils to resist carbon formation and ensure clean operation. Available for rotary screw, rotary vane, and reciprocating compressors.

Extended Life POE

6000 SERIES uses proprietary base stocks for maximum performance in rotary screw compressors. Rated for 12,000 hours, it offers corrosion protection, energy efficiency, and varnish-free operation in high-temperature applications.

PAG Replacement

7000 SERIES is designed as a direct replacement for most rotary screw PAG coolants, requiring no flush before change-over. Rated for 8,000 hours, it uses an ester blend with no PAG base oils, providing excellent heat transfer, high flash point, and oxidation resistance.

True PAG

8000 SERIES is a direct equivalent to OEM rotary screw PAG coolants, with ~73% polyalkylene glycol and 17% pentaerythritol ester. Rated for 8,000 hours, it delivers excellent heat transfer, high flash point, and resistance to varnish and oxidation.

Extended Life True PAG

8120 SERIES is built for rotary screw compressors operating at elevated temperatures. With up to 12,000 hours of protection—50% longer than typical OEM PAG fluids—it provides unmatched performance in severe-duty applications.

Food Grade

9000 & 9080 SERIES are food-grade lubricants for rotary screw, rotary vane, and reciprocating compressors. Both meet food and beverage industry standards and are NSF H1 registered.

-
- **ISO 9001 Certified**
Blended in ISO-certified facilities for consistent performance and quality
 - **Extended Service Life**
Formulated for long drain intervals to reduce downtime
 - **Oil Analysis**
Third-party testing by Polaris Laboratories with results available online
 - **Compatibility**
Suitable for most compressor types and materials

AVAILABLE OIL TYPES AND SIZES

MODEL	DESCRIPTION	TYPICAL LIFE	VISCOSITY	SIZE (ADD WHEN ORDERING)
1000-46-SIZE	UNIVERSAL ROTARY FLUID	8,000 hrs	46	1G, 2.5G, 5G, 55G
2000-32-SIZE	PARTIAL SYNTHETIC LUBRICANT	2,000 hrs	32	QT, 1G, 5G, 55G
2000-46-SIZE	PARTIAL SYNTHETIC LUBRICANT	2,000 hrs	46	QT, 1G, 5G, 55G
2000-68-SIZE	PARTIAL SYNTHETIC LUBRICANT	2,000 hrs	68	QT, 1G, 5G, 55G
2000-100-SIZE	PARTIAL SYNTHETIC LUBRICANT	2,000 hrs	100	QT, 1G, 5G, 55G
2000-150-SIZE	PARTIAL SYNTHETIC LUBRICANT	2,000 hrs	150	QT, 1G, 5G, 55G
3000-32-SIZE	SH SYNTHETIC LUBRICANT	8,000 hrs	32	5G, 55G
3000-46-SIZE	SH SYNTHETIC LUBRICANT	8,000 hrs	46	2.5G, 5G, 55G
3000-68-SIZE	SH SYNTHETIC LUBRICANT	8,000 hrs	68	5G, 55G
3000-100-SIZE	SH SYNTHETIC LUBRICANT	8,000 hrs	100	5G, 55G
4000-32-SIZE	SEMI SYNTHETIC LUBRICANT	4,000 hrs	32	QT, 1G, 5G, 55G
4000-46-SIZE	SEMI SYNTHETIC LUBRICANT	4,000 hrs	46	QT, 1G, 5G, 55G
4000-68-SIZE	SEMI SYNTHETIC LUBRICANT	4,000 hrs	68	QT, 1G, 5G, 55G
4000-100-SIZE	SEMI SYNTHETIC LUBRICANT	4,000 hrs	100	QT, 1G, 5G, 55G
5000-32-SIZE	DIESTER BASED LUBRICANT	8,000 hrs	32	QT, 1G, 5G, 55G
5000-46-SIZE	DIESTER BASED LUBRICANT	8,000	46	QT, 1G, 5G, 55G
5000-68-SIZE	DIESTER BASED LUBRICANT	8,000	68	QT, 1G, 5G, 55G
5000-100-SIZE	DIESTER BASED LUBRICANT	8,000	100	QT, 1G, 5G, 55G
5000-150-SIZE	DIESTER BASED LUBRICANT	8,000	150	QT, 1G, 5G, 55G
6000-32-SIZE	EXTENDED LIFE POE	12,000	32	5G, 55G
6000-46-SIZE	EXTENDED LIFE POE	12,000	46	2.5G, 5G, 55G
6000-68-SIZE	EXTENDED LIFE POE	12,000	68	5G, 55G
7000-32-SIZE	PAG LUBRICANT	8,000	32	1G, 5G, 55G
7000-46-SIZE	PAG LUBRICANT	8,000	46	1G, 5G, 55G
8000-32-SIZE	TRUE PAG LUBRICANT	8,000	32	1G, 5G, 55G
8000-46-SIZE	TRUE PAG LUBRICANT	8,000	46	1G, 2.5G, 5G, 55G
8120-46-SIZE	TRUE PAG LUBRICANT	12,000	46	5G, 55G
9000-32-SIZE	FOOD GRADE LUBRICANT	4,000	32	5G, 55G
9000-46-SIZE	FOOD GRADE LUBRICANT	4,000	46	5G, 55G
9000-68-SIZE	FOOD GRADE LUBRICANT	4,000	68	5G, 55G
9000-100-SIZE	FOOD GRADE LUBRICANT	4,000	100	5G, 55G
9080-32-SIZE	FOOD GRADE+ LUBRICANT	8,000	32	5G, 55G
9080-46-SIZE	FOOD GRADE+ LUBRICANT	8,000	46	5G, 55G
9080-68-SIZE	FOOD GRADE+ LUBRICANT	8,000	68	5G, 55G
9080-100-SIZE	FOOD GRADE+ LUBRICANT	8,000	100	5G, 55G

Please **add SIZE** to model number when ordering • Example: **8000-32-5G**

QT QUART**1G** 1 GALLON**2.5G** 2.5 GALLON PAIL**5G** 5 GALLON PAIL**55G** 55 GALLON DRUM**CASE QUANTITY**

QUART 12

GALLON 4

2.5 GALLON PAIL 2

5 GALLON PAIL 1

55 GALLON DRUM 1

CROSS REFERENCE

We have Cross Reference Lists on the following pages. If you are looking for a cross reference not shown, please email us the oil part number and safety data sheet and we should be able to cross it for you.

- **Private Branding**

Complimentary private label design available on all products, including drums, pails, gallons, and quarts. Vector files are required for custom labeling.

- **Free Freight Program**

Freight covered on Exact Full Pallet orders of synthetic or semi-synthetic fluids. Pallets ship as 4 drums, 36 pails, or 52 cases of quarts/gallons.

OIL CROSS REFERENCE

PRODUCT	CROSS	BASE
FGC XL 100	9080-100	Extended Life FG
FGC XL 68	9080-68	Extended Life FG
FGC XL 46	9080-46	Extended Life FG
FGC XL 32	9080-32	Extended Life FG
FGC 100	9000-100	Food Grade
FGC 68	9000-68	Food Grade
FGC 46	9000-46	Food Grade
FGC 32	9000-32	Food Grade
PG Supreme 46	7000-46	PAG Replacement
PG Supreme 32	7000-32	PAG Replacement
BDC 46	6000-46	Extended Life POE
BDC 32	6000-32	Extended Life POE
750	5000-150	Diester
500	5000-68	Diester
497	5000-68	Diester
496	5000-46	Diester
495	5000-32	Diester
S-100	4000-100	Semi Synthetic
S-68	4000-68	Semi Synthetic
S-46	4000-46	Semi Synthetic
S-32	4000-32	Semi Synthetic
3150	2000-150	Partial Synthetic
3100	2000-100	Partial Synthetic

PRODUCT	CROSS	BASE
Roto-Foodgrade Fluid	9000-46	Food Grade
L Piston Fluid	4000-100	Semi Synthetic
Roto Z Fluid	4000-68	Semi Synthetic
Roto-Inject Fluid	4000-46	Semi Synthetic
Roto-Xtend Duty Fluid	3000-46	SH Synthetic
Automan Oil & Recip Oil	2000-100	Partial Synthetic

PRODUCT	CROSS	BASE
ChampLub FG	9000-100	Food Grade
RotoLub 4000FG	9000-46	Food Grade
ChampLub Synthetic	5000-100	Diester
RotoLub 4000	4000-32	Semi Synthetic
RotoLub 8000	3000-46	SH Synthetic
ChampLub	2000-100	Partial Synthetic

PRODUCT	CROSS	BASE
ScrewGuard Rotair FG	9000-46	Food Grade
Altair Plus	5000-100	Diester
ScrewGuard Rotair Plus	4000-46	Semi Synthetic
ScrewGuard Rotair Xtra	3000-46	SH Synthetic
Altair 150	2000-150	Partial Synthetic
Altair	2000-100	Partial Synthetic
ScrewGuard Rotair	2000-46	Partial Synthetic

PRODUCT	CROSS	BASE
FSC-Max Fluid FG	9000-46	Food Grade
FSC-Max Fluid HP	5000-100	Diester
FSC-Max Fluid FS	3000-46	SH Synthetic
FSC-Max Fluid ET	2000-100	Partial Synthetic
FSC-Max Fluid ST	2000-68	Partial Synthetic

PRODUCT	CROSS	BASE
CPI-4600-100F	9000-100	Food Grade
CPI-4600-68F	9000-68	Food Grade
CPI-4600-46F	9000-46	Food Grade
CPI-4600-32F	9000-32	Food Grade
CPI-4201-46	6000-46	Extended Life POE
CPI-4600-100	5000-100	Diester
CP-4601-46	3000-46	SH Synthetic
CP-4601-32	3000-32	SH Synthetic

PRODUCT	CROSS	BASE
Aeon 9000FG (ISO 68)	9080-68	Extended Life FG
Aeon 9000FG (ISO 46)	9080-46	Extended Life FG
Aeon AC FG	9000-100	Food Grade
Aeon 6000FG	9000-32	Food Grade
Aeon PG	8000-46	True PAG
Aeon 9000TH	6000-46	Extended Life POE
Aeon AC-SY	5000-100	Diester
Aeon 5000	5000-68	Diester
Aeon 4000	4000-46	Semi Synthetic
Aeon 9000SP	3000-46	SH Synthetic
Aeon 500	2000-100	Partial Synthetic
Aeon 2000	2000-46	Partial Synthetic
Aeon 800	2000-32	Partial Synthetic

PRODUCT	CROSS	BASE
Ultra FG	9080-46	Extended Life FG
Ultra EL	8120-46	Extended Life PAG
Ultra Coolant	8000-46	True PAG
XL-740 & 740HT	5000-150	Diester
All Season Select	5000-100	Diester
XL 300	2000-100	Partial Synthetic

PRODUCT	CROSS	BASE
FG-460	9000-46	Food Grade
S-150	5000-150	Diester
S-100	5000-100	Diester
S-680	3000-68	SH Synthetic
S-460	3000-46	SH Synthetic
S-320	3000-32	SH Synthetic
M-150	2000-150	Partial Synthetic
M-100	2000-100	Partial Synthetic
M-460	2000-46	Partial Synthetic

PRODUCT	CROSS	BASE
6064-100	9080-100	Extended Life FG
6064-68	9080-68	Extended Life FG
6064-46	9080-46	Extended Life FG
6064-32	9080-32	Extended Life FG
6061-100	9000-100	Food Grade
6061-68	9000-68	Food Grade
6061-46	9000-46	Food Grade
6061-32	9000-32	Food Grade
6321-46	7000-46	PAG Replacement
6321-32	7000-32	PAG Replacement
6863-68	6000-68	Extended Life POE
6863-46	6000-46	Extended Life POE
6863-32	6000-32	Extended Life POE
6019-150	5000-150	Diester
6019-100	5000-100	Diester
6019-68	5000-68	Diester
6019-46	5000-46	Diester
6019-32	5000-32	Diester
6043-100	4000-100	Semi Synthetic
6043-68	4000-68	Semi Synthetic
6043-46	4000-46	Semi Synthetic
6043-32	4000-32	Semi Synthetic
2015-100	3000-100	SH Synthetic
2015-68	3000-68	SH Synthetic
2015-46	3000-46	SH Synthetic
2015-32	3000-32	SH Synthetic
6045-150	2000-150	Partial Synthetic
6045-100	2000-100	Partial Synthetic
6045-68	2000-68	Partial Synthetic
6045-46	2000-46	Partial Synthetic
6045-32	2000-32	Partial Synthetic

ISEL

PRODUCT	CROSS	BASE
545-100	9080-100	Extended Life FG
545-68	9080-68	Extended Life FG
545-46	9080-46	Extended Life FG
545-32	9080-32	Extended Life FG
405-100	9000-100	Food Grade
405-68	9000-68	Food Grade
405-46	9000-46	Food Grade
405-32	9000-32	Food Grade
PGE-46	7000-46	PAG Replacement
PGE-32	7000-32	PAG Replacement
GTP-68	6000-68	Extended Life POE
GTP-46	6000-46	Extended Life POE
GTP-32	6000-32	Extended Life POE
DSR-150	5000-150	Diester
DSR-100	5000-100	Diester
DSR-68	5000-68	Diester
DSR-46	5000-46	Diester
DSR-32	5000-32	Diester
EMG-100	4000-100	Semi Synthetic
EMG-68	4000-68	Semi Synthetic
EMG-46	4000-46	Semi Synthetic
EMG-32	4000-32	Semi Synthetic
PLD-100	3000-100	SH Synthetic
PLD-68	3000-68	SH Synthetic
PLD-46	3000-46	SH Synthetic
PLD-32	3000-32	SH Synthetic
PTS-150	2000-150	Partial Synthetic
PTS-100	2000-100	Partial Synthetic
PTS-68	2000-68	Partial Synthetic
PTS-46	2000-46	Partial Synthetic
PTS-32	2000-32	Partial Synthetic

JAX COMPRESYN

PRODUCT	CROSS	BASE
SHC Cibus 100	9000-100	Food Grade
SHC Cibus 68	9000-68	Food Grade
SHC Cibus 46	9000-46	Food Grade
SHC Cibus 32	9000-32	Food Grade
Rarus 829	5000-150	Diester
Rarus 827	5000-100	Diester
Rarus 826	5000-68	Diester
Rarus 825	5000-46	Diester
Rarus 824	5000-32	Diester
Rarus SHC 1026	3000-68	SH Synthetic
Rarus SHC 1025	3000-46	SH Synthetic
Rarus SHC 1024	3000-32	SH Synthetic
Rarus 429	2000-150	Partial Synthetic
Rarus 427	2000-100	Partial Synthetic
Rarus 426	2000-68	Partial Synthetic
Rarus 425	2000-46	Partial Synthetic
Rarus 424	2000-32	Partial Synthetic

MOBIL

PRODUCT	CROSS	BASE
Food Grade 32 LL	9000-32	Food Grade
Pallube 32p	8000-32	True PAG
Pal-EXTRA 68	6000-68	Extended Life POE
Pal-EXTRA 44	6000-46	Extended Life POE
Palasyn 45	3000-46	SH Synthetic

PALATEK

PRODUCT	CROSS	BASE
QuinSyn FG	9000-46	Food Grade
QuinSyn PG	8000-46	True PAG
QuinSyn XP	6000-68	Extended Life POE
QuinSyn Plus	6000-46	Extended Life POE
QuinSyn	3000-46	SH Synthetic
QuinCip 100	2000-100	Partial Synthetic
QuinCip 68	2000-68	Partial Synthetic
QuinCip 32	2000-32	Partial Synthetic

QUINCY

OIL CROSS REFERENCE

PRODUCT	CROSS	BASE
Poly Guard FDA 100	9000-100	Food Grade
Poly Guard FDA 68	9000-68	Food Grade
Poly Guard FDA 46	9000-46	Food Grade
Poly Guard FDA 32	9000-32	Food Grade
Synfilm 100	4000-100	Semi Synthetic
Synfilm 68	4000-68	Semi Synthetic
Synfilm 46	4000-46	Semi Synthetic
Synfilm 32	4000-32	Semi Synthetic
Synfilm GT 100	3000-100	SH Synthetic
Synfilm GT 68	3000-68	SH Synthetic
Synfilm GT 46	3000-46	SH Synthetic
Synfilm GT 32	3000-32	SH Synthetic
Parafilm 150	2000-150	Partial Synthetic
Parafilm 100	2000-100	Partial Synthetic
Parafilm 68	2000-68	Partial Synthetic
Parafilm 46	2000-46	Partial Synthetic
Parafilm 32	2000-32	Partial Synthetic

PRODUCT	CROSS	BASE
PristineFG	SAP 9080-46	Extended Life POE
Sullube	SAP 8000-32	True PAG
SRF I/4000	SAP 4000-32	Semi Synthetic
SRF II/8000	SAP 3000-46	SH Synthetic
HPL 1500	SAP 2000-46	Partial Synthetic
AWF	SAP 2000-32	Partial Synthetic

PRODUCT	CROSS	BASE
80FG	9000-46	Food Grade
70GC	8000-46	True PAG
60GC	8000-32	True PAG
Ultima 7.1	6000-46	Extended Life POE
90	5000-100	Diester
80XP	3000-46	SH Synthetic

PRODUCT	CROSS	BASE
FG Elite-100	9080-100	Extended Life FG
FG Elite-68	9080-68	Extended Life FG
FG Elite-46	9080-46	Extended Life FG
FG Elite-32	9080-32	Extended Life FG
FG-300	9000-100	Food Grade
FG-250	9000-68	Food Grade
FG-200	9000-46	Food Grade
FG-100	9000-32	Food Grade
Supra-Coolant	8000-46	True PAG
Supra-32	8000-32	True PAG
Ultima-68	6000-68	Extended Life POE
Ultima-46	6000-46	Extended Life POE
Ultima-32	6000-32	Extended Life POE
DSL-150	5000-150	Diester
DSL-100	5000-100	Diester
DSL-68	5000-68	Diester
DSL-46	5000-46	Diester
DSL-32	5000-32	Diester
PS-300	4000-100	Semi Synthetic
PS-200	4000-68	Semi Synthetic
PS-150	4000-46	Semi Synthetic
PS-100	4000-32	Semi Synthetic
SH-100	3000-100	SH Synthetic
SH-68	3000-68	SH Synthetic
SH-46	3000-46	SH Synthetic
SH-32	3000-32	SH Synthetic
TM-40	2000-150	Partial Synthetic
TM-30	2000-100	Partial Synthetic
TM-20	2000-68	Partial Synthetic
TM-15	2000-46	Partial Synthetic
TM-10	2000-32	Partial Synthetic

PRODUCT	CROSS	BASE
Omnilube 455	9080-100	Extended Life FG
Omnilube 68	9080-68	Extended Life FG
Omnilube 32/46	9080-46	Extended Life FG
Omnilube 32/46	9080-32	Extended Life FG
Omnilube 5131	9000-100	Food Grade
Omnilube 568	9000-68	Food Grade
Omnilube 546	9000-46	Food Grade
Omnilube 520	9000-32	Food Grade
Coolant	7000-46	PAG Replacement
Coolant 32	7000-32	PAG Replacement
Chemlube Plus 68	6000-68	Extended Life POE
Chemlube Plus 10	6000-46	Extended Life POE
Chemlube Plus 32	6000-32	Extended Life POE
Chemlube 751	5000-150	Diester
Chemlube 501	5000-100	Diester
Chemlube 230	5000-68	Diester
Chemlube 229	5000-46	Diester
Chemlube 215	5000-32	Diester
PS-100	4000-100	Semi Synthetic
PS-68	4000-68	Semi Synthetic
PS-46	4000-46	Semi Synthetic
PS-32	4000-32	Semi Synthetic
Chemlube 299	3000-100	SH Synthetic
Chemlube 268	3000-68	SH Synthetic
Chemlube 228	3000-46	SH Synthetic
Chemlube 221	3000-32	SH Synthetic
P-ACO 150	2000-150	Partial Synthetic
P-ACO 100	2000-100	Partial Synthetic
P-ACO 68	2000-68	Partial Synthetic
P-ACO 46	2000-46	Partial Synthetic
P-ACO 32	2000-32	Partial Synthetic

MANN SPIN-ON FILTERS

- Regular replacement prevents premature compressor failure
- Filters remove dirt, sand, rust, and other contaminants
- Contaminated oil damages filter elements, wears bearings, clogs separators

“W” STANDARD OIL SPIN-ON FILTERS

MODEL	DIAMETER (IN)	INSIDE GASKET DIAM	OUTSIDE GASKET DIAM	HEIGHT	BYPASS VALVE OPENING DIFFERENTIAL PSI/BAR	ANTI DRAIN BACK VALVES	THREAD
W 712/4	2.99	2.44	2.8	3.66	2.5	1	3/4 - 16 UNF
W 712/65	2.99	2.44	2.8	3.66	2.5	1	3/4 - 16 UNF
W 719/4	2.99	2.44	2.8	4.8	2.5	1	3/4 - 16 UNF
W 719/5	2.99	2.44	2.8	4.84	2.5	1	3/4 - 16 UNF
W 719/10	2.99	2.44	2.8	4.84	2.5	0	3/4 - 16 UNF
W 87	3.19	2.13	2.52	3.39	1	0	M20 x 1.5
W 811/80	3.15	2.24	2.56	2.95	1	1	M20 x 1.5
W 920	3.66	2.44	2.8	3.74	2.5	1	3/4 - 16 UNF
W 920/17	3.66	2.44	2.8	3.74	0.8	0	3/4 - 16 UNF
W 920/21	3.66	2.44	2.8	3.74	2.5	1	3/4 - 16 UNF
W 920/51	3.66	2.44	2.8	4	N/A	1	3/4 - 16 UNF
W 925	3.7	3.19	3.78	5.75	2.5	0	1 1/2 - 16 UN
W 930	3.66	2.44	2.8	4.49	2.5	1	3/4 - 16 UNF
W 940	3.66	2.44	2.8	5.59	1.2	1	3/4 - 16 UNF
W 940/1	3.66	2.44	2.8	5.59	2.5	1	3/4 - 16 UNF
W 940/5	3.66	2.44	2.8	6.18	2.5	1	1 - 12 UNF
W 940/18	3.66	2.44	2.8	5.59	0.7	1	1 - 12 UNF
W 940/24	3.66	2.44	2.8	5.59	1	1	3/4 - 16 UNF
W 940/37	3.66	2.44	2.8	5.59	N/A	1	M22 x 1.5
W 940/38	3.66	2.44	2.8	5.59	2.5	0	1 - 12 UNF
W 940/40	3.66	2.44	2.8	5.59	2.5	1	1 - 12 UNF
W 940/51	3.66	2.44	2.8	5.63	2.5	0	G 3/4
W 940/55	3.66	2.44	2.8	5.87	2.5	1	3/4 - 16 UNF
W 950	3.66	2.44	2.8	6.69	0.7	1	G 1 - 12 UNF
W 950/7	3.66	2.44	2.8	6.69	0	1	3/4 - 16 UNF
W 950/18	3.66	2.44	2.8	6.69	2.5	0	1 - 16 UN
W 962	3.66	2.44	2.8	8.27	2.5	1	1 - 12 UNF
W 962/2	3.66	2.44	2.8	8.27	2.5	1	1 - 12 UNF
W 962/6	3.66	2.44	2.8	8.78	2.5	1	1 - 12 UNF
W 962/14	3.66	2.44	2.8	8.27	2.7	0	1 - 12 UNF
W 962/15	3.66	2.44	2.8	8.27	2.5	1	1 - 12 UNF
W 962/36	3.66	2.44	2.8	8.27	2.5	1	G 3/4
W 962/38	3.66	2.44	2.8	8.27	2.5	1	1 - 12 UNF
W 11 102	4.25	3.66	4.09	10.24	2.5	0	1 1/8 - 16UN
W 11 102/12	4.25	3.66	4.09	10.24	N/A	0	1 1/8 - 16 UN - 2B
W 11 102/36	4.25	3.66	4.06	10.28	N/A	0	1 1/8 - 16UN
W 1294	4.65	3.82	4.37	9.8	2.5	0	1 1/2 - 12 UNS - 2B
W 13 120/3	5.35	3.94	4.37	10	N/A	0	G 1 1/4
WH 1257	4.6	2.88	3.66	11.7	1 3/4 - 12 UN-2B		1 3/4 - 12 UN - 2B



- Oil filters are normally used on rotary screw compressors. Replacing filters with each oil change prevents premature part failure and keeps oil from becoming contaminated
- Filters remove dirt, sand, rust, and other particles that can damage compressor components
- Dust and debris wear the filter element, bearings, and can clog the oil separator
- Typical design is a canister with openings on one side. Inside is a folded paper element with maximum surface area for oil flow

- High-pressure filters include a bypass valve for protection
- The valve opens at a set pressure to maintain oil flow
- Ensures operation when filters are clogged or oil is cold

“WD” HIGH PRESSURE OIL SPIN-ON FILTERS (INCLUDES BYPASS VALVE)

MODEL	DIAMETER (IN)	INSIDE GASKET DIAM	OUTSIDE GASKET DIAM	HEIGHT	BYPASS VALVE OPENING DIFFERENTIAL BAR	ANTI DRAIN BACK VALVE	THREAD
WD 724/5	2.99	2.44	2.8	5.43	2.5	NO	NO
WD 724/6	2.99	2.44	2.8	5.43	3.5	NO	NO
WD 731/4	3.66	2.48	2.83	4.61	3	NO	NO
WD 920	3.66	2.44	2.8	3.82	2.5	NO	NO
WD 920/5	3.66	2.44	2.8	3.82	3	NO	YES
WD 940	3.66	2.48	2.83	5.79	2.5	NO	NO
WD 940/2	3.66	2.44	2.8	5.67	2.5	YES	NO
WD 940/14	3.66	2.48	2.83	5.67	3		NO
WD 950	3.66	2.44	2.8	6.77	2.5		NO
WD 950/2	3.66	2.44	2.8	6.77	3.5		NO
WD 962	3.66	2.44	2.8	8.35	2.5		NO
WD 962/14	3.66	2.44	2.8	8.35	3		NO
WD 962/15	3.66	2.44	2.8	8.35	2.5		YES
WD 962/21	3.66	2.48	2.8	8.35	2.5		YES
WD 962/32	3.66	2.48	2.8	8.35	2.5		YES
WD 10 019	3.7	2.48	2.8	5.51			
WD 13 145	5.35	3.94	4.37	11.89	2.5		1 ½ - 16 UN
WD 13 145/4	5.35	3.94	4.37	11.89	2.5		1 ½ - 16 UN
WD 13 145/5	5.35	3.94	4.37	11.89	2.5		1 ½ - 16 UN - 2B
WD 13 145/14	5.35	3.94	4.37	11.89	2.5		1 ½ - 16 UN - 2B
WD 13 145/20	5.35	3.94	4.37	11.89	3.3		M39 x 1.5
WD 1374	5.35	3.94	4.37	6.97			1 12 - 16 UN



- High pressure oil filters are used on rotary screw compressors and include a bypass valve
- When pressure difference is too high, the valve opens to allow oil flow without passing through the filter. This occurs when the filter is clogged or oil is very cold
- Replacing filters with each oil change prevents premature part failure and keeps oil from becoming contaminated
- Filters remove dirt, sand, rust, and other particles that can damage compressor components
- Dust and debris wear the filter element, bearings, and can clog the oil separator
- Typical design is a canister with openings on one side. Inside is a folded paper element with maximum surface area for oil flow

“WK” SPIN-ON FUEL FILTERS

MODEL	DIAMETER (IN)	INSIDE GASKET DIAM	OUTSIDE GASKET DIAM	HEIGHT	THREAD
WK 712/2	2.99	2.44	2.8	3.15	M16 x 1.5
WK 723	2.99	2.44	2.8	4.88	M16 x 1.5
WK 731	2.99	2.44	2.8	4.61	M16 x 1.5
WK 8100	3.27	2.76		5.32	
WK 818/80	3.23	2.24	2.56	3.62	M20 x 1.5
WK 842	3.23	2.4	2.76	6.1	M16 x 1.5



- Fuel filters remove dirt and water from fuel
- Water in fuel reduces compressor efficiency and can cause severe damage

MANN OIL SEPARATOR FILTERS

- Separate oil mist from compressed air and return it to the sump for reuse as coolant
- Reduce oil carryover & consumption-keep compressors efficient
- Maintain clean, oil-free air to prevent contamination at equipment intake
- Support consistent lubrication & extend compressor service life

"LB" AIR SPIN-ON OIL SEPARATORS

MODEL	DIAMETER (INCH)	INSIDE GASKET DIAMETER	OUTSIDE GASKET DIAMETER	HEIGHT	THREAD
LB 719/2	2.99	2.44	2.8	5	M22 x 1.5
LB 719/20	2.99	2.44	2.8	5	M22 x 1.5
LB 719/51	2.99	2.44	2.8	5	M23 x 1.75
LB 950/20	3.66	2.44	2.8	6.77	M24 x 1.5
LB 962/2	3.66	2.44	2.8	8.35	M24 x 1.5
LB 962/6	3.66	2.44	2.8	8.35	M24 x 1.75
LB 962/8	3.66	2.44	2.8	8.35	M23 x 1.5
LB 962/9	3.66	2.44	2.8	8.35	M23 x 1.5
LB 962/20	3.66	2.44	2.8	8.35	M24 x 1.5
LB 962/21	3.66	2.44	2.8	8.35	1 - 12 UNF-1B
LB 962/22	3.66	2.44	2.8	8.35	M24 x 1.75
LB 11 102/2	4.25	3.66	4.09	10.24	M32 x 1.5
LB 1374/2	5.35	3.94	4.37	6.97	M39 x 1.5
LB 13 145/3	5.35	3.94	4.37	11.89	M39 x 1.5
LB 13 145/20	5.35	3.94	4.37	11.89	M39 x 1.5
LB 13 145/21	5.35	3.94	4.37	11.89	1 ½ - 16 UN - 2B



- Spin-on design allows quick replacement and minimal downtime
- Provide high efficiency separation with low pressure drop
- Built for rotary screw compressors using integrated oil systems

DROP IN STYLE AIR OIL SEPARATORS

MODEL	TOP DIAMETER (mm)	BOTTOM DIAMETER (mm)	HEIGHT (mm)
LE 6007	115	65	165
LE 6009 X	165	135	140
LE 9010 X	170		200
LE 9015 X	200		160
LE 9020 X	135	170	200
LE 13 009 X	170		305
LE 14 001	200	170	250
LE 17 009 X	200		305
LE 17 011 X	200	170	305
LE 17 031	296	275	192
LE 22 009 X	274	220	305
LE 23 001 X	274	220	320
LE 29 005 X	355	300	305
LE 33 003 X	355	300	350
LE 35 002 X	328	275	400
LE 35 004 X	328	275	400
LE 38 006 X	355	300	400
LE 39 004 X	328	275	450
LE 43 002 X	348	300	450
LE 48 004 X	355	300	500
LE 48 007 X	355	300	500
LE 57 003 X	355	300	600
LE 57 004 X	355	300	600

- Direct-fit design for use in separator housings
- Maintain airflow while removing oil mist from compressed air
- Durable construction for continuous-duty compressor operation

X Filters come with two gaskets

- Prevent contaminants from entering compressor assemblies
- Protect components from wear, corrosion, and premature failure
- Maintain clean airflow for consistent, reliable operation in all environments
- Extend service life and reduce downtime

"C" PAPER AIR FILTERS

MODEL	OD (IN)	ID (IN)	HEIGHT (IN)
C 630	2.36	1.34	2.76
C 11 100	4.53	2.52	9.96
C 1112	3.86	2.36	2.76
C 1131	4.33	1.97	4.72
C 1131/1	4.33	1.58	4.72
C 1132	3.86	2.36	4.09
C1134	4.49	2.99	7.09
C 1140	3.94	2.64	3.11
C 1196/2	4.17	2.36	10.79
C 12 004	4.65	3.27	12.72
C 1213	4.65	2.83	2.48
C 1250	4.65	2.64	5.28
C 13 114/4	5	2.52	11.61
C 13 145/2	5.04	3.19	11.97
C 1337	5.04	2.52	4.92
C 1368	5.12	2.99	5.91
C 1369	4.84	2.99	7.13
C 14 179X	5.28	2.64	11.42
C 14 190	5.24	3.62	15.43
C 14 200	4.88	2.91	12.6
C 14 210/2	5.51	3.19	12.91
C 1415	5.16	3.35	1.97
C 15 124/1	5.91	3.46	8.74
C 15 165/3	5.91	2.8	13.31
C 15 300	5.87	3.31	14.17
C 1555/6	5.98	3.47	4.29
C 16 190X	6.1	3.5	12.44
C 1632	5.98	3.47	2.87
C 1633/1	6.26	4.72	2.95
C 16 400	6.26	3.7	14.76
C 17 100	6.3	2.99	6.46
C 17 149	6.42	5.28	16.1
C 17 160	6.5	3.39	8.31

MODEL	OD (IN)	ID (IN)	HEIGHT (IN)
C 17 201	6.5	3.39	9.37
C 17 225/3	6.54	3.39	13.9
C 17 337/2	6.5	3.58	13.94
C 1760/1	6.61	4.72	4.88
C 19 460/2	7.32	4.17	15.51
C 20 325/2	7.8	4.06	14.88
C 20 500	7.64	4.49	15.79
C 21 138/1	6.42	5.28	16.1
C 2263	8.35	5.59	3.07
C 23 115	8.98	6.34	5.12
C 23 185	8.98	6.34	7.87
C 23 440/3	8.98	4.57	15.08
C 23 610	8.66	4.88	15.91
C 23 610/3	8.78	5	15.91
C 23 632/1	8.94	5.12	14.17
C 24 650/1	9.57	5.2	19.61
C 25 740	9.72	5.91	14.37
C 25 860/5	9.76	5.91	16.34
C 25 900	9.84	6.3	18.31
C 27 1320/3	10.51	6.69	20.98
C 27 230	10.51	6.1	5"
C 29 939	11.1	6.73	16.38
C 30 010	11.93	8.5	3.54
C 30 810/3	11.89	7.56	18.7
C 30 850/6	11.89	7.56	18.7
C 33 920/3	12.87	8.5	24.45
C 42 475	16.54	10	4.69
C 42 723	16.54	10	5.79
C 420	1.46	0.64	1.18
C 44	1.54	0.5	1.58
C 630	2.36	1.34	2.76
C 75	2.56	1.5	2.76



- Designed for primary air intake filtration
- Remove dust and particles while maintaining airflow
- Durable construction for consistent efficiency over long service cycles

SECONDARY AIR FILTERS

MODEL	INNER FILTER OF PART #	OD	ID	HEIGHT
CF 1600	C 30 850/6	6.34	5.71	18.54
CF 300	C 15 300	3.03	N/A	13.58
CF 500	C 20 500	4.213	N/A	15.16
CF 97/2	C 13 145/2	3.27	3.11	11.97
CF 990/2	C 17 337/2	3.7	2.91	13.27

- Installed in combination with primary filters for added protection
- Capture fine particles that bypass the main filter
- Provide extra safeguard in demanding or dusty environments

NEW TO CONTROLS AND COMPONENTS!

Superior air treatment products for compressed air and gas across a wide range of markets. In any compressed air system, impurities are inevitable; dust, dirt, water and oil contaminants can reduce air quality and significantly affect system efficiency. Inadequate or incorrect filtration can negatively impact performance and end-use equipment, and potentially costly system downtime.

OIL WATER SEPARATORS

MODEL	FLOW RATE	LITERS PER SECOND	NMR/HR	DEPTH	WIDTH	HEIGHT	WT LBS	CONDENSATE INLET	WATER OUTLET	SERVICE KIT MODEL #
SSEP0032N	32	15	54	10"	6"	9"	5.3"	1/4"	1/2"	
SSEP0066N	66	31	113	10"	6"	9"	6.6"	1/4"	1/2"	
SSEP0132	132	63	225	15"	11"	17"	16.5"	2 x 1/2"	1/2"	SSEPSK0132
SSEP0225	225	106	383	16"	11"	20"	23.8"	2 x 1/2"	1/2"	SSEPSK0225
SSEP0450	450	213	765	19"	16"	23"	38.4"	2 x 1/2"	1/2"	SSEPSK0450
SSEP0795	795	375	1350	23"	18"	28"	71.4"	2 x 3/4"	3/4"	SSEPSK0795
SSEP1655	1655	781	2813	27"	22"	38"	123.2"	2 x 3/4"	3/4"	SSEPSK1655
SSEP3311	3311	1563	5625	38"	31"	39"	253.5"	2 x 3/4"	3/4"	SSEPSK3311
SSEP6621	6621	3125	11250	2" x 31"	2" x 39"	2 x 39"	529.1"	2 x 3/4"	3/4"	SSEPSK6621

Service Kits include 1 Pre-Filter system, 1 Fine Filter, and Miscellaneous parts

- Separates Oil and Water down to the last drop - as low as 5ppm
- 4,000-hour service interval
- Equipped with Smart Service Overflow Indicator
- Optional accessories include Drip Trays, Manifolds, Wall Mounting Kits, and Electric Alarm

Walker Filtration is a world-class manufacturer of air oil separator elements (oil mist filters) for use in oil-lubricated vacuum pumps and compressors. With manufacturing in excess of 1 million oil separator elements (OSEs) each year, Walker Filtration serves a wide range of industries and applications. Oil mist separator and coalescing technology uses specialized materials to meet stringent performance specifications, including applications requiring ATEX approval and certification.



- Manufactured from high-quality materials
- Designed for oil-lubricated vacuum pumps & compressors
- Suitable for a broad range of industrial applications
- Advanced oil mist separation and coalescing technology
- Meets demanding performance requirements, including ATEX-certified uses
- Push-fit filter element design for ease of installation
- 1-micron grade particulate removal
- Double O-Ring seals for added security
- Options available for installation after heat-reactivated desiccant dryers
- Designed to fit a broad range of compressors

AIR OIL SEPARATORS

STYLE	MODEL
 FLANGE BLIND	FLB-047046-AR
	FLB-053120-AU
	FLB-066067-AL
	FLB-066090-AI
	FLB-066090-AR
	FLB-081102-AL
	FLB-107094-AO
	FLB-107161-AL
	FLB-107176-AA
	FLB-107181-AR
FLB-116156-AA	
 FLANGE HOLE	FLH-037138-AA
	FLH-041081-AL
	FLH-057100-AL
	FLH-085148-AA
	FLH-094116-AA
 FLANGE SCALLOPED HOLE	FLS-136136-AA
	FLS-136136-AB
	FLS-053077-AA
	FLS-066090-AA

Walker Filtration provides a comprehensive range of compressed air treatment solutions, supported by a full selection of replacement elements. Product identification is simple using either the OEM part number or the corresponding Walker model number, ensuring accurate replacement and compatibility. Stocking options are available to support specific filter series or volume requirements, with warehouse availability in Georgia and Texas. Additional product information and support are readily available upon request.



COALESCING FILTERS

Available with connection sizes ranging from 1/8" to 12" Fabricated Flanged housings and flow capacities of 6 SCFM (10 Nm³/hr) to 16,100 SCFM (27,354 Nm³/hr), Walker Filtration offers an extended range of Coalescing Filters to suit almost every application. Coalescing Filters are used for the continuous removal of liquid and particulate contaminants, which cannot be achieved with conventional filter systems. There are 4 grades of filter elements available, from fine to coarse, and including general purpose, coalescing/particulate, high efficiency coalescing, and activated carbon vapor removal. Walker Filtration's Coalescing Filters deliver exceptional results in oil aerosol and particle retention, with particle removal down to 0.01 micron in line with air quality standard ISO 8573-1: 2010. World-class leading performance Coalescing Filters significantly reduce pressure loss to ensure continually low operational costs.



PARTICULATE FILTERS

Available with connection sizes ranging from 1/8" to 12" Fabricated Flanged housings and flow capacities of 6 SCFM (10 Nm³/hr) to 16100 SCFM (27354 Nm³/hr), Walker Filtration offers an extended range of Particulate Filters to suit almost every application. Dust Filters are used for the continuous removal of liquid and particulate contaminants, which cannot be achieved with conventional filter systems. There are four grades of filter elements available, from fine to coarse, and include activated carbon. Walker Filtration's Dust Filters deliver exceptional results in oil aerosol and particle retention, delivering particle removal down to 0.01 micron in line with air quality standard ISO 8573-1: 2010. Our world class leading performance Dust Filters significantly reduce pressure loss to ensure continually low operational costs.



HIGH PRESSURE FILTERS

Walker Filtration's comprehensive collection of High Pressure Filters includes Alloy High Pressure Filters, and Stainless Steel High Pressure Filters with pressure ratings of 725 psig (50 barg), 1450 psig (100 barg), and 5000 psig (350 barg). High Pressure Filters are manufactured for a broad range of high pressure applications, and are used in PET bottle manufacturing, offshore instrumentation, medical applications, in addition to other heavy industrial environments.



HIGH TEMP FILTERS

Walker Filtration manufactures a unique range of 150 psig (10 barg) high temperature filters by using machined or diecast aluminum components. The range is suitable for operating temperatures of up to 450°F (250°C), making it an ideal solution to protect processes and equipment from dust in high temperature applications. This range offers significant cost reductions over high temperature stainless steel versions while offering many design features. There are eleven models in this range from 1/4" to 3" pipe connections with flow rates up to 1600 scfm (2720 Nm³/h) at 150 psig (10 barg).



WATER SEPARATORS

Air Water Separators are available in a broad range of models with connection sizes ranging from 1/8" to 12" NPT, Rp (BSP Parallel), and Rc (BSP Taper). Walker Filtration Water Separators have a maximum operating temp of 248°F (120°C), an operating pressure of up to 300 psig (20.7 barg), and flow capacities up to 6 SCFM (10 Nm³/hr) up to 16,100 SCFM (27,354 Nm³/hr). Used to remove bulk liquid following the compression of air, installing a Water Separator reduces the risk of contamination to production equipment, product spoilage, and costly shutdowns caused by damage of high levels of moisture and condensate in the system.



DUPLEX FILTERS

Alpha Compressed Air Duplex filters combine a 0.01 micron (DXA) and Activated Carbon (DAC) element that allows the filter housing to be installed in the same line space as a single stage filtration unit with twice the filtration capability. Ideal for use in point of use breathing air applications, as well as a pre-filter for critical need applications such as food, pharmaceutical, instrumentation, and breathing air environments. DXA grade element delivers significant energy savings with minimal differential pressure and exceptional oil aerosol removal and particle retention. DAC element uses a finely divided Activated Carbon media to remove odors and tastes.



MUFFLERS • ARROW PNEUMATICS SINTERED BRONZE



ECONOMY SILENCER MUFFLERS

MODEL	NPT	LENGTH	DIAMETER
SQF-1	1/8"	2 7/64"	13/16"
SQF-2	1/4"	2 15/64"	13/16"
SQF-3	3/8"	3 27/64"	1 1/4"
SQF-4	1/2"	3 35/64"	1 1/4"

- Maximum Operating Pressure: 150 PSI
- Operating Temp Range: 35°F-300°F

Economy silencer mufflers incorporate a 50 mesh, self-cleaning, stainless steel screen in a strong, protective glass-filled nylon housing which is ultrasonically welded for maximum strength. This unit offers greater flow with less pressure drop than the ASP Series, while reducing noise levels. See sales literature for performance charts, flow information, and sound characteristics.

HYDRAULIC IN-LINE FILTERS

MODEL	NPT	LENGTH	DIAMETER
9052	1/4"	3 1/4"	1 1/2"
9053	1/4"	3 1/4"	1 1/2"
9054	1/2"	4 5/16"	1 1/2"
9056	3/4"	4 5/16"	1 1/2"
9152	6/16-18 SAE	3 1/4"	1 1/2"
9153	3/4-16 SAE	3 1/4"	1 1/2"

- Maximum Operating Pressure: 3000 PSI
- Operating Temp Range: 35°F-200°F with Viton O-Ring: 35°F-400°F

Hydraulic in-line filters provide protection for small, high pressure systems up to 3,000 psi. By using these filters at the pressure side of a pump, foreign particles 25 microns and larger, such as those created by pump wear, are removed before damage can result. A sintered bronze element ensures protection against crushing should dirt accumulate and increase pressure drop across the element. The unique construction features an anodized aluminum housing for light weight, and a conically shaped sintered bronze element positioned by a retaining spring to allow true, uninterrupted axial flow. Special Viton O-Rings are available where chemical compatibility may be a problem. The standard 25 micron element can be easily cleaned or replaced. Nominal filtration ratings of 90, 40, or 10 microns are also available.



HEAVY DUTY SILENCER MUFFLERS

MODEL	NPT	LENGTH	HEX SIZE
ASQF-1F	1/8"	1 7/8"	5/8"
ASQF-1M	1/8"	1 7/8"	5/8"
ASQF-2F	1/4"	1 7/8"	5/8"
ASQF-2M	1/4"	1 7/8"	5/8"
ASQF-3F	3/8"	3 1/4"	1"
ASQF-3M	3/8"	3 1/4"	1"
ASQF-4F	1/2"	3 1/4"	1"
ASQF-4M	1/2"	3 1/4"	1"
ASQF-6F	3/4"	4 5/8"	1 5/8"
ASQF-6M	3/4"	4 5/8"	1 5/8"
ASQF-8F	1"	4 5/8"	1 5/8"
ASQF-8M	1"	4 5/8"	1 5/8"
ASQF-10F	1 1/4"	5 1/2"	2 1/2"
ASQF-12F	1 1/2"	5 1/2"	2 1/2"
ASQF-16F	2"	6 7/16"	3"

- Maximum Operating Pressure: 300 PSI
- Operating Temp Range: 35°F-160°F

Heavy-duty metal silencer mufflers are a quick and inexpensive way to help reduce work area noise. At the same time, they protect the inside of pneumatic valves from contamination which can enter through the exhaust ports. Units 1/8" through 1" feature a 50 mesh, self-cleaning stainless steel screen, corrosion-resistant aluminum shell, high flow and minimal back pressure. Download sales literature for performance charts, flow information, and sound characteristics.



IN-LINE TOOL FILTERS

MODEL	NPT	LENGTH	DIAMETER
9071	1/8"	2 5/16"	3/4"
9072	1/4"	2 5/16"	3/4"
9073	3/8"	2 5/16"	3/4"
9074	1/2"	3 1/4"	1 1/2"
9074M	1/2"	3 13/16"	1 1/2"
9076	3/4"		
9076M	3/4"		

M comes equipped with gasket

- Maximum Operating Pressure: 500 PSI
- Operating Temp Range: 35°F-200°F with Viton O-Ring: 35°F-400°F

In-line tool filters are designed specifically for the protection of small air tools, such as impact wrenches, nut runners, grinders and screwdrivers. They reduce downtime, prevent costly tool repairs, and extend tool life. The all-anodized, lightweight aluminum housing is compact and can be used directly before the air tool. Elements can be replaced quickly at nominal cost. The standard element is 40 micron, which insures minimum pressure drop. Elements can be obtained in 20 or 90 micron filtration on special order. These filters can also be used in low pressure hydraulic applications, in which case we recommend using a 20 micron element. Special Viton O-Rings are available for oil systems where chemical compatibility may be a problem.



QUIET FLOW MUFFLER/FILTERS

MODEL	THREAD	LENGTH	DIAMETER
ASP-M	10/32"	45/64"	5/16"
ASP-1	1/8"	1 1/8"	7/16"
ASP-1BS	1/8"	1 1/8"	7/16"
ASP-2	1/4"	1 3/8"	9/16"
ASP-2BS	1/4"	1 3/8"	9/16"
ASP-3	3/8"	1 1/2"	11/16"
ASP-3BS	3/8"	1 1/2"	11/16"
ASP-4	1/2"	1 7/8"	7/8"
ASP-4BS	1/2"	1 7/8"	7/8"
ASP-6	3/4"	2 1/4"	1 1/16"
ASP-8	1	2 7/8"	1 5/16"
ASP-10	1 1/4"	3 1/4"	1 11/16"
ASP-12	1 1/2"	3 11/16"	2

M comes equipped with gasket

- Maximum Operating Pressure: 300 PSI
- Operating Temp Range: 35°F-300°F

Quiet Flow mufflers/filters utilize porous sintered bronze directly bonded to nickel plated steel pipe thread fittings to diffuse air and muffle noise from the exhausted ports of valves, cylinders, and air tools. These units offer a combination of small size with the greatest possible sound deadening qualities to reduce exhaust noise to acceptable levels within OSHA noise requirements. In addition, these units are used as filters for gasoline, oil, and air. Standard units contain a 40 micron element; 20 and 90 micron units are also available on special order. Model ASP-420 is a female threaded (1/2" - 20) muffler for use on exhaust ports of most solenoid valves, and can be used with "exhaust to atmosphere" valves, including Skinner, Peter Paul, Allied, KIP, Pre Dyne or any valve using 1/2" - 20 threads on the sleeve.



BREATHER VENTS

MODEL	THREAD	LENGTH	DIAMETER
ASP-1BV	1/8"	7/16"	7/16"
ASP-1BVBS	1/8"	7/16"	7/16"
ASP-2BV	1/4"	5/8"	9/16"
ASP-2BVBS	1/4"	5/8"	9/16"
ASP-3BV	3/8"	3/4"	11/16"
ASP-3BVBS	3/8"	3/4"	11/16"
ASP-4BV	1/2"	7/8"	7/8"
ASP-4BVBS	1/2"	7/8"	7/8"
ASP-6BV	3/4"	1"	1 1/16"
ASP-8BV	1"	1 5/16"	1 5/16"
ASP-10BV	1 1/4"	1 13/32"	1 11/16"
ASP-12BV	1 1/2"	1 1/2"	2"

- Maximum Operating Pressure: 150 PSI
- Operating Temp Range: 35°F-300°F

Breather vents have many applications, including vacuum relief or pressure equalization on gear boxes, oil tanks or reservoirs, common uses can be found on single acting cylinders or valves to prevent dirt and foreign particles from entering ports open to the atmosphere, units have a nickel plated steel insert, all have standard pipe thread fittings for quick assembly and removal for cleaning, the filter element within the standard breather vent is rated for 40 micron filtration and can also be obtained for 20 or 90 micron filtration on special order.



QUIET FLOW SPEED CONTROL MUFFLERS

MODEL	NPT	FLOW MAX	FULL FLOW HEIGHT	HEX SIZE
ASP-1SC	1/8"	20	1 5/16"	1/2"
ASP-2SC	1/4"	30	1 9/16"	9/16"
ASP-3SC	3/8"	40	1 5/8"	11/16"
ASP-4SC	1/2"	60	2"	7/8"
ASP-6SC	3/4"	70	2 3/8"	1 1/16"
ASP-8SC	1"	100	2 1/2"	1 5/16"
ASP-1SCH	1/8"	30	1 9/16"	9/16"
ASP-2SCH	1/2"	40	1 5/8"	11/16"
ASP-3SCH	3/4"	60	2"	7/8"
ASP-4SCH	1"	70	2 3/8"	1 1/16"

- Maximum Operating Pressure: 300 PSI
- Operating Temp Range: 35°F-300°F

Quiet Flow speed control mufflers provide an infinite variation of metering air flow at an acceptable sound level on exhaust ports of air valves with complete safety. With linear adjusting ability, the speed of an operating cylinder or air tool may be increased or decreased with the adjusting screw. The final position is then locked in place by the lock nut. Objectionable exhaust air noise is eliminated by the surrounding sintered bronze sleeve. Complete safety in operation is featured in Quiet Flow speed control mufflers. The sintered bronze sleeve is held securely in position and protected by an integral shroud. A 40 micron element is standard. High flow units offer more surface area for increased flow.

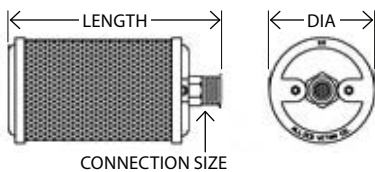


AIR EXHAUST MUFFLERS

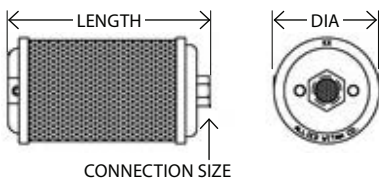
MODEL MNPT	MODEL FNPT	THREAD SIZE	DIAMETER	MNPT LENGTH	FNPT LENGTH	REPLACEMENT ELEMENT
111001	211001	1/8"	1.84	3.12	2.81	911001
111002	211002	1/4"	1.84	4.37	4	911002
111000	211000	3/8"	2.59	5.12	4.56	911000
111005	211005	1/2"	3.15	6	5.5	911005
111007	211007	3/4"	3.4	7.18	6.68	911007
111010	211010	1"	3.9	8.75	7.92	911010
111012	211012	1 1/4"	3.9	8.75	8	911012
111015	211015	1 1/2"	5.25	13.56	12.5	911015
111020	211020	2"	5.25	18.87	17.75	911020

- Reduces Exponentially Perceived Noise (EPNdB) without affecting performance
- Constant Velocity (CV) flow design muffles exhaust noise
- Minimizes noise, oil fog, and contaminants
- Obstruction-free expansion chamber with aluminum end covers, zinc-plated steel components, & cellulose fiber element
- Recommended for general-purpose air exhaust applications up to 125 psi (8.6 Bar)
- Also in 3", 4" & 6" Multi-Chamber style with Male BSPT

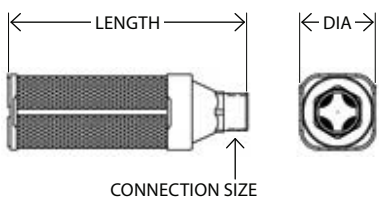
SINGLE CHAMBER MALE — 1/8" - 2"



SINGLE CHAMBER FEMALE — 1/8" - 2"



MULTI-CHAMBER MALE — 3" - 6"

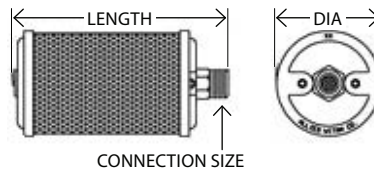


RELIEF VALVE MUFFLERS

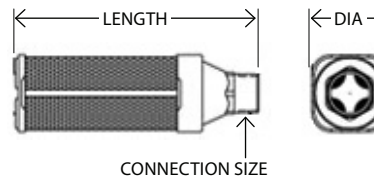
MODEL MNPT	MODEL FNPT	THREAD SIZE	DIAMETER	MNPT LENGTH	FNPT LENGTH	REPLACEMENT ELEMENT
312001	412001	1/8"	1.84	3.12	2.81	911001
312002	412002	1/4"	1.84	4.37	4	911002
312000	412000	3/8"	2.59	5.12	4.56	911000
312005	412005	1/2"	3.15	6	5.5	911005
312007	412007	3/4"	3.4	7.18	6.68	911007
312010	412010	1"	3.9	8.75	7.92	911010
312012	412012	1 1/4"	3.9	8.75	8	911012
312015	412015	1 1/2"	5.25	13.56	12.5	911015
312020	412020	2"	5.25	18.87	17.75	911020

- Includes all features of the industry-standard Atomuffler™ Air Exhaust Muffler with an added relief valve
- Ideal for applications requiring uninterrupted continuous outflow
- Durable design provides a cost-effective solution for reducing noise from air-operated devices
- Integrated relief valve equalizes pressure to accommodate varying outflow demands
- Recommended for pressures up to 175 psi (12 Bar)
- Also available in 3", 4", and 6" Multi-Chamber style; Male BSPT connections and configurations including Vacuum Pump, Filter Silencer, Thru-Flow, Defogger, and Damper Mufflers

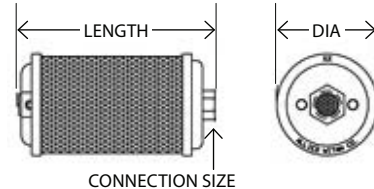
SINGLE CHAMBER MALE — 1/8" - 2"



SINGLE CHAMBER FEMALE — 1/8" - 2"



MULTI-CHAMBER MALE — 3" - 6"





AIR DRYER MUFFLERS

MODEL MNPT	MODEL FNPT	THREAD SIZE	DIAMETER	MNPT LENGTH	FNPT LENGTH	REPLACEMENT ELEMENT
375001	475001	1/8"	1.84	3.12	2.81	941001
375002	475002	1/4"	1.84	4.37	4	941002
375000	475000	3/8"	2.59	5.12	4.56	941000
375005	475005	1/2"	3.15	6	5.5	941005
375007	475007	3/4"	3.4	7.18	6.68	941007
375010	475010	1"	3.9	8.75	7.92	941010
375012	475012	1 1/4"	3.9	8.75	8	941012
375015	475015	1 1/2"	5.25	13.56	12.5	941015
375020	475020	2"	5.25	18.87	17.75	941020

- Designed for desiccant regenerative-type air dryers handling moisture- and dust-laden exhaust air
- Dual-stage filter element captures particulates while allowing clean airflow through the noise reduction stage
- Relief valve opens automatically if outflow becomes obstructed, diverting air directly to atmosphere
- Desiccant fragments should be purged from the system prior to installation or after desiccant replacement
- Recommended for operating pressures up to 175 psi (12 Bar)
- Also offered in 3", 4", and 6" Multi-Chamber style with Male BSPT connections and configurations including Vacuum Pump, Filter Silencer, Thru-Flow, Defogger, and Damper Mufflers



EQUIVALENT CONNECTION OPTIONS

Connection Size	Alwitco P/N (Male)	Alwitco P/N (Female)	Alwitco Replacement	Solberg P/N (Female)	Solberg Replacement
2"	X20 0412020	R20 0412020	412020	CAM-SW8311-200C	SW8311
1.5"	X15 0412015	R15 0412015	412015	CAM-SW8211-150C	SW8211
1.25"	X12 0412012	R12 0412012	412012	CAM-SW8109-125C	SW8109
1"	X10 0412010	R10 0412010	412010	CAM-SW8109-100C	SW8109
.75"	X07 0412007	R07 0412007	412007	CAM-SW8109-075C	SW8109

NOTE:
Female pipe thread models shown provide equivalent performance to the Alwitco series. A standard nipple may be used where male pipe threads are required, with no impact on performance.

REPLACEMENT INTAKE FILTER ELEMENTS

REPLACEMENT AIR INTAKE PAPER ELEMENTS

MODEL	O.D.	I.D.	HEIGHT	SOLBERG #	CASE QTY
A424	4 3/8"	3"	2 5/16"	14	144
AP424	4 3/8"	3"	2 15/16"	14P	144
A424S	4 3/8"	3"	2"	127	144
A428	4 3/8"	3"	4 3/4"	18	64
AP428	4 3/8"	3"	4 3/4"	18P	64
AP430	5 3/4"	3 5/8"	4 3/4"	30P	36
A101	6 5/8"	4 1/2"	5 1/8"	101	36
A3013	9 5/8"	7 3/16"	6"	103	12
AP334	7 7/8"	4 3/4"	4 13/16"	34P	27
AP434	5 3/4"	3 5/8"	9 1/2"	230P	18
AP444	7 7/8"	4 3/4"	9 5/8"	234P	8
AP554	9 3/4"	6"	9 5/8"	244P	8
AP556	9 13/16"	6 1/8"	14 1/2"	344P	8
AP574	11 3/4"	8"	9 5/8"	274P	8
AP674	11 3/4"	8"	14 1/2"	374P	4
A800	7 7/8"	4 1/8"	3"	80	54
A840	7 7/8"	4 1/8"	4"	84	36
A842	3 7/8"	2 3/8"	2 3/4"	842	100
A848	5"	2 9/16"	4 3/4"	848	18
AP850	5 3/4"	3 5/8"	8 5/8"	850P	18
AP376	14 5/8"	9"	14 1/2"	376P	1

RED P Models come equipped with Polyurethane pre-filter

REPLACEMENT AIR INTAKE POLYESTER ELEMENTS

MODEL	O.D.	I.D.	HEIGHT	SOLBERG #	CASE QTY
AF10C	2 1/4"	1 1/8"	2 1/4"	09	N/A
A425	4 3/8"	3"	2 5/16"	15	144
AP425	4 3/8"	3"	2 15/16"	15P	144
A429	4 3/8"	3"	4 3/4"	19	64
AP429	4 3/8"	3"	4 3/4"	19P	64
AP431	5 3/4"	3 5/8"	4 3/4"	31P	36
AP420	5 3/4"	3 5/8"	4"	25P	36
AP335	7 7/8"	4 3/4"	4 13/16"	35P	27
AP435	5 3/4"	3 5/8"	9 1/2"	231P	18
AP445	7 7/8"	4 3/4"	9 5/8"	235P	8
AP455	7 7/8"	4 3/4"	12"	335P	4
AP555	9 3/4"	6"	9 5/8"	245P	8
AP557	9 13/16"	6 1/8"	14 1/2"	345P	8
AP575	11 3/4"	8"	9 5/8"	275P	8
AP675	11 3/4"	8"	14 1/2"	375P	4
A849	5"	2 9/16"	4 3/4"	849	18
AP851	5 3/4"	3 5/8"	8 5/8"	851	12

RED P Models come equipped with Polyurethane pre-filter



- Paper Filters have a 2 Micron rating
- Pleated construction for increased dirt-holding capacities
- Endcap Style: molded



- Polyester Filters have a 5 Micron rating
- Wire mesh reinforced support structure and rigid expanded metal core for improved strength and rigidity in heavy-duty applications
- Endcap Style: molded

COMMON REPLACEMENT AIR INTAKE FILTER ELEMENTS

POPULAR REPLACEMENT FILTER ELEMENTS

MODEL	O.D.	I.D.	HEIGHT	CASE QTY
A2	3 1/8"	1 3/4"	4 3/4"	50
A2100	5 1/32"	3 5/32"	12 15/16"	18
A2360	5 3/4"	3 1/4"	15 1/4"	9
A2546	9 3/32"	5 7/32"	17"	4
A2453	5 13/32"	3 3/16"	12 31/32"	24
A2455	5 13/16"	3 1/2"	12 31/32"	18
A2742	10"	5 7/8"	17 19/32"	1
A3744	10 31/32"	5 13/16"	20 9/16"	1
A1250	4 11/32"	2 41/64"	5 33/64"	27
A1800	2 9/16"	1 3/16"	1 7/8"	200
A1802	3 3/4"	2 3/8"	2 1/4"	80
A4758	3 31/32"	2 21/32"	3 1/8"	27
A7967	15"	8 1/4"	6"	2
A550	10 7/8"	6 1/2"	5 1/16"	12
A3095	6 1/4"	3 9/16"	14"	4
A2863	9 1/4"	5 3/8"	12 9/16"	4
A3544	6 1/2"	3 9/16"	14 1/32"	16
A2604	11 1/2"	7 1/4"	15 7/8"	4
A4244	8 1/16"	5 3/4"	4"	27

REPLACEMENT HONDA FILTERS

MODEL	HP	O.D.	I.D.	HEIGHT	CASE QTY
FA7013	3.5 - 4	4"	2 7/8"	2 1/8"	100
FA7008	5 - 5.5	4"	2 7/8"	2 5/8"	100
FA7011	8/9	4"	3 1/2"	3 1/8"	100
FA7009	8 - 13	4 3/8"	3 1/16"	3 5/8"	100



SOLBERG PAPER FILTER ELEMENTS

2 MICRON HOCKEY PUCK STYLE AIR INTAKE PAPER ELEMENTS

MODEL	SCFM	O.D.	HEIGHT	CASE QTY
# 02	3	1 1/2"	1"	36
# 04	8	2 1/4"	1"	36
# 06	12	3"	1 3/8"	36
# 10	35	4"	1 3/8"	20
# 16	250	8"	3 1/4"	8

- Rated for 99+% removal efficiency at 2 Micron
- Low pressure drop for improved equipment performance
- Pleated construction for increased dirt-holding capacities



2 MICRON PAPER BLOWER FILTER ELEMENTS

MODEL	O.D.	I.D.	HEIGHT	CASE QTY
# 32-00	5 13/16"	4"	2"	36
# 32-02	6"	4 1/4"	2 1/2"	32
# 32-04	9 3/4"	7 1/4"	4"	12
# 32-06	9 3/4"	7 1/4"	6"	8
# 32-08	11 1/2"	9 7/8"	7"	2
# 32-10	13 5/8"	11 5/8"	8 5/8"	2
# 32-12	17"	13"	10"	2
# 32-14	23"	19"	14"	1
# 32-16	6 7/8"	4 3/4"	4 3/16"	18
# 32-18	10 3/16"	7 1/8"	5 1/8"	8
# 32-20	12 9/16"	9 1/2"	4 7/8"	4
# 32-22	12 9/16"	9 1/2"	10"	2
# 32-24	19 3/4"	15"	14 3/4"	1

- Rated for 99+% removal efficiency at 2 Micron
- Low pressure drop for improved equipment performance
- Pleated construction for increased dirt-holding capacities
- Endcap Style: Molded Plastisol



2 MICRON AIR INTAKE PAPER ELEMENTS

MODEL	SCFM	O.D.	I.D.	HEIGHT	CASE QTY
# 08	15	2 1/4"	1 1/8"	2 1/4"	36
# 14	35	4 3/8"	3"	2 5/16"	36
# 14P	35	4 3/8"	3"	2 15/16"	36
# 18	100	4 3/8"	3"	4 3/4"	18
# 18P	100	4 3/8"	3"	4 3/4"	18
# 30P	155	5 3/4"	3 5/8"	4 3/4"	16
# 34P	275	7 7/8"	4 3/4"	4 13/16"	8
# 230P	300	5 3/4"	3 5/8"	9 1/2"	8
# 234P	570	7 7/8"	4 3/4"	9 3/8"	4
# 274P	1100	11 3/4"	8"	9 5/8"	2
# 244P	880	9 3/4"	6"	9 5/8"	4
# 376P	1825	14 5/8"	9"	14 1/2"	1
# 384P	3300	19 5/8"	14"	14 1/2"	1
# 484P	4705	19 5/8"	14"	21 1/2"	1

RED P Models come equipped with Polyurethane pre-filter

- Rated for 99+% removal efficiency at 2 Micron
- Low pressure drop for improved equipment performance
- Pleated construction for increased dirt-holding capacities
- Endcap Style: Molded Plastisol
- Endcap Style: Galvanized metal on models 274P, 376P, 384P, 484P
- If you do not see the filter type or size you need, please email us the filter OEM part number. We can cross reference any compressor filter type or size



10 MICRON HOCKEY PUCK STYLE AIR INTAKE POLYESTER ELEMENTS

MODEL	SCFM	O.D.	HEIGHT	CASE QTY
# 03	3	1 1/2"	1"	36
# 05	8	2 1/4"	1"	36
# 07	12	3"	1 3/8"	36
# 11	35	4"	1 3/8"	20

- 10 Micron rating
- Rated for 99+% removal efficiency
- Needle-felt media offers exceptional particle capture characteristics and very low restriction to air flow
- Wire mesh reinforced support structure & rigid expanded metal core for improved strength & rigidity in heavy-duty applications



5 MICRON POLYESTER BLOWER FILTER ELEMENTS

MODEL	O.D.	I.D.	HEIGHT	CASE QTY
# 32-01	5 13/16"	4"	2"	36
# 32-03	6"	4 1/4"	2 1/2"	32
# 32-05	9 3/4"	7 1/4"	4"	12
# 32-07	9 3/4"	7 1/4"	6"	8
# 32-09	11 1/2"	9 7/8"	7"	2
# 32-11	13 5/8"	11 5/8"	8 5/8"	2
# 32-13	17"	13"	10"	2
# 32-15	23"	19"	14"	1
# 32-17	6 7/8"	4 3/4"	4 3/16"	18
# 32-19	10 3/16"	7 1/8"	5 1/8"	8
# 32-21	12 9/16"	9 1/2"	4 7/8"	4
# 32-23	12 9/16"	9 1/2"	10"	2
# 32-25	19 3/4"	15"	14 3/4"	1

- Rated for 99+% removal efficiency
- Wire mesh reinforced support structure and rigid expanded metal core for improved strength and rigidity in heavy-duty applications
- Endcap Style: Molded Plastisol
- Needle-felt media offers exceptional particle capture characteristics and very low restriction to air flow



5 MICRON AIR INTAKE POLYESTER ELEMENTS

MODEL	SCFM	O.D.	I.D.	HEIGHT	CASE QTY
# 09	15	2 1/4"	1 1/8"	2 1/4"	36
# 15	35	4 3/8"	3"	2 5/16"	36
# 15P	35	4 3/8"	3"	2 15/16"	36
# 19	100	4 3/8"	3"	4 3/4"	18
# 19P	100	4 3/8"	3"	4 3/4"	18
# 31P	155	5 3/4"	3 5/8"	4 3/4"	16
# 35P	275	7 7/8"	4 3/4"	4 13/16"	8
# 231P	300	5 3/4"	3 5/8"	9 1/2"	8
# 235P	570	7 7/8"	4 3/4"	9 3/8"	4
# 275P	1100	11 3/4"	8"	9 5/8"	2
# 245P	880	9 3/4"	6"	9 5/8"	4
# 377P	1825	14 5/8"	9"	14 1/2"	1
# 385P	3300	19 5/8"	14"	14 1/2"	1
# 485P	4705	19 5/8"	14"	21 1/2"	1
# 685P	6600	19 5/8"	14"	28 1/8"	1

RED P Models come equipped with Polyurethane pre-filter

- Rated for 99+% removal efficiency
- Wire mesh reinforced support structure and rigid expanded metal core for improved strength and rigidity in heavy-duty applications
- Endcap Style: Molded Plastisol
- Endcap Style: Galvanized metal models 275P, 245P, 377P, 385P, 485P, 685P
- Needle-felt media offers exceptional particle capture characteristics and very low restriction to air flow



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SOLBERG PAPER FILTER SILENCER ASSEMBLIES

MINI NYLON 2 MICRON PAPER FILTER SILENCER

MODEL	MNPT CONNECTION	DIMENSIONS H x W	SCFM	ELEMENT #
PS-02-013	1/8"	1 3/4" x 1 3/4"	3	02
PS-02-025	1/4"	1 3/4" x 1 3/4"	3	02
PS-04-025	1/4"	2 1/8" x 2 5/8"	4	04
PS-04-038	3/8"	2 3/16" x 2 5/8"	6	04
PS-04-050	1/2"	2 3/16" x 2 5/8"	6	04
PS-06-050	1/2"	3 1/8" x 3 1/4"	10	06
PS-06-075	3/4"	3 1/4" x 3 1/4"	12	06
PS-10-050	1/2"	3 1/4" x 4 1/8"	12	10
PS-10-075	3/4"	3 1/2" x 4 1/8"	20	10
PS-10-100	1"	3 3/4" x 4 3/16"	35	10

PS Series Specs:

- Easy snap-on design for quick servicing
- Durable glass reinforced nylon housing
- Compact, low profile configuration
- Noise reducing silencing design
- High grade filter element with integrated gasket seal



MINI STEEL 2 MICRON PAPER FILTER SILENCER

MODEL	MNPT CONNECTION	DIMENSIONS H x W	SCFM	ELEMENT #
FS-04-025	1/4"	2 3/4" x 2 1/2"	4	04
FS-04-038	3/8"	2 3/4" x 2 1/2"	8	04
FS-04-050	1/2"	3" x 2 1/2"	8	04
FS-06-038	3/8"	3 9/16" x 3 1/4"	8	06
FS-06-050	1/2"	3 3/4" x 3 1/4"	12	06
FS-06-075	3/4"	4 1/8" x 3 1/4"	12	06
FS-10-050	1/2"	4 1/8" x 4 1/8"	12	10
FS-10-075	3/4"	4 1/2" x 4 1/8"	25	10
FS-10-100	1"	4 1/2" x 4 1/8"	35	10

FS Series specs:

- High grade filter element with integrated gasket seal (1/4" - 1" connections)
- Fully drawn weatherhood
- Tubular silencing design: Tube maximizes attenuation and air flow while minimizing pressure drop
- Ability to mount vertically and horizontally (1/4" - 1" connections)
- Corrosive resistant black powder coat carbon steel



1/2" - 6" Connections:

- Fully drawn weatherhood
- Tubular silencing design - tubes are positioned to maximize attenuation and air flow while minimizing pressure drop
- Corrosive resistant gray powder coat carbon steel

STEEL 2 MICRON PAPER FILTER SILENCER

MODEL	MNPT CONNECTION	DIMENSIONS H x W	SCFM	ELEMENT #
FS-14-050	1/2"	3 7/16" x 6"	10	14
FS-14-075	3/4"	4" x 6"	25	14
FS-14-100	1"	3 3/4" x 6"	35	14
FS-18P-100	1"	6 5/8" x 6"	55	18P
FS-18P-125	1 1/4"	6 3/4" x 6 1/8"	70	18P
FS-18P-150	1 1/2"	6 5/8" x 6"	85	18P
FS-30P-200	2"	7 1/4" x 10"	135	30P
FS-30P-250	2 1/2"	7 1/2" x 10"	195	30P
FS-230P-200	2"	12" x 10"	135	230P
FS-230P-250	2 1/2"	12 3/8" x 10"	195	230P
FS-230P-300	3"	12 3/4" x 10 1/4"	300	230P

RED P Models come equipped with Polyurethane pre-filter

FS Series Specs:

- High grade filter element with integrated gasket seal (1/4" - 1" connections)
- Fully drawn weatherhood
- Tubular silencing design: Tube maximizes attenuation and air flow while minimizing pressure drop
- Corrosive resistant black powder coat carbon steel
- Ability to mount vertically & horizontally (1/4" - 1" connections)



1/2" - 6" Connections:

- Fully drawn weatherhood
- Tubular silencing design: Tubes are positioned to maximize attenuation and air flow while minimizing pressure drop
- Corrosive resistant gray powder coat carbon steel

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We can add items you need to our stock for same day shipping

MINI NYLON 10 MICRON POLYESTER FILTER SILENCER

MODEL	MNPT CONNECTION	DIMENSIONS H x W	SCFM	ELEMENT #
PS-03-013	1/8"	1 3/4" x 1 3/4"	3	03
PS-03-025	1/4"	1 3/4" x 1 3/4"	3	03
PS-05-025	1/4"	2 1/8" x 2 5/8"	4	05
PS-05-038	3/8"	2 3/16" x 2 5/8"	6	05
PS-05-050	1/2"	2 3/16" x 2 5/8"	6	05
PS-07-050	1/2"	3 1/8" x 3 1/4"	10	07
PS-07-075	3/4"	3 1/4" x 3 1/4"	12	07
PS-11-050	1/2"	3 1/4" x 4 1/8"	12	11
PS-11-075	3/4"	3 1/2" x 4 1/8"	20	11
PS-11-100	1"	3 3/4" x 4 3/16"	35	11

PS Series Specs:

- Easy snap-on design for quick servicing
- Durable glass reinforced nylon housing
- Compact, low profile configuration
- Noise reducing silencing design
- High grade filter element with integrated gasket seal



MINI STEEL 5 MICRON POLYESTER FILTER SILENCER

MODEL	MNPT CONNECTION	DIMENSIONS H x W	SCFM	ELEMENT #
FS-05-025	1/4"	2 3/4" x 2 1/2"	4	05
FS-05-038	3/8"	2 3/4" x 2 1/2"	8	05
FS-05-050	1/2"	3" x 2 1/2"	8	05
FS-07-038	3/8"	3 9/16" x 3 1/4"	8	07
FS-07-050	1/2"	3 3/4" x 3 1/4"	12	07
FS-07-075	3/4"	4 1/8" x 3 1/4"	12	07
FS-11-050	1/2"	4 1/8" x 4 1/8"	12	11
FS-11-075	3/4"	4 1/2" x 4 1/8"	25	11
FS-11-100	1"	4 1/2" x 4 1/8"	35	11

FS Series specs:

- High grade filter element with integrated gasket seal (1/4" - 1" connections)
- Fully drawn weatherhood
- Tubular silencing design: tube maximizes attenuation and air flow while minimizing pressure drop
- Corrosive resistant black powder coat carbon steel
- Ability to mount vertically and horizontally (1/4" - 1" connections)



1/2" - 6" Connections:

- Fully drawn weatherhood
- Tubular silencing design - tubes are positioned to maximize attenuation and air flow while minimizing pressure drop
- Corrosive resistant gray powder coat carbon steel

STEEL 5 MICRON POLYESTER FILTER SILENCER

MODEL	MNPT CONNECTION	DIMENSIONS H x W	SCFM	ELEMENT #
FS-15-050	1/2"	3 7/16" x 6"	10	15
FS-15-075	3/4"	4" x 6"	25	15
FS-15-100	1"	3 3/4" x 6"	35	15
FS-19P-100	1"	6 5/8" x 6"	55	19P
FS-19P-125	1 1/4"	6 5/8" x 6"	70	19P
FS-19P-150	1 1/2"	6 5/8" x 6"	85	19P
FS-31P-200	2"	7 1/4" x 10"	135	31P
FS-31P-250	2 1/2"	7 1/2" x 10"	195	31P
FS-231P-200	2"	12" x 10"	135	231P
FS-231P-250	2 1/2"	12 3/8" x 10"	195	231P
FS-231P-300	3"	12 3/4" x 10 1/4"	300	231P

RED P Models come equipped with Polyurethane pre-filter

FS Series specs:

- High grade filter element with integrated gasket seal (1/4" - 1" connections)
- Fully drawn weatherhood
- Tubular silencing design: Tube maximizes attenuation and air flow while minimizing pressure drop
- Corrosive resistant black powder coat carbon steel
- Mount vertically or horizontally (1/4" - 1" connections)



1/2" - 6" Connections:

- Fully drawn weatherhood
- Tubular silencing design - tubes are positioned to maximize attenuation and air flow while minimizing pressure drop
- Corrosive resistant gray powder coat carbon steel



SOLBERG SILENCER TUBES & AIR MUFFLERS

FEMALE SIDE CHANNEL BLOWER SILENCER

MODEL	OUTLET	DIMENSIONS H x W	SCFM
SLCR100	1"	12" x 2 1/2"	42
SLCR125	1 1/4"	12" x 2 1/2"	55
SLCR150	1 1/2"	12" x 2 5/8"	155
SLCR200	2"	15 3/4" x 3 5/8"	270
SLCR250	2 1/2"	21" x 4 5/8"	300
SLCR300	3"	26" x 5 1/8"	330
SLCR400	4"	24 1/16" x 10"	575

- Absorptive media pack
- Designed for minimal pressure drop
- For inlet and discharge in-line air service
- Max. temperature (continuous): 225°F
- Corrosive resistant gray powder coat carbon steel (1/2" - 1 1/2" connections)
- Epoxy coat finish (2" to 4" connections)



MALE SIDE CHANNEL BLOWER SILENCER

MODEL	OUTLET	DIMENSIONS H x W	SCFM
SLCRT050	1/2"	13 7/8" x 2 1/2"	25
SLCRT075	3/4"	14 1/2" x 2 1/2"	35
SLCRT100	1"	14 1/2" x 2 1/2"	42
SLCRT125	1 1/4"	14 1/2" x 2 1/2"	55
SLCRT150	1 1/2"	14" x 2 5/8"	155
SLCRT200	2"	18 1/2" x 3 5/8"	270
SLCRT250	2 1/2"	23 1/16" x 4 5/8"	300
SLCRT300	3"	28" x 5 1/8"	330
SLCRT400	4"	29 5/16" x 10"	575

- Absorptive media pack
- Designed for minimal pressure drop
- For inlet and discharge in-line air service
- Max Temperature (continuous): 225°F
- Corrosive resistant gray powder coat carbon steel (1/2" to 1 1/2" connections)
- Epoxy coat finish (2" to 4" connections)



CAM SERIES AIR MUFFLERS

MODEL	FTP SIZE	DIAMETER	HEIGHT	REPLACEMENT
CAM-SW8211-150C	1 1/2"	5 1/4"	10 1/2"	SW8211
CAM-SW8311-200C	2"	5 1/4"	15 1/2"	SW8311
CAM-SW8109-100C	1"	4 1/4"	7 1/2"	SW8109
CAM-SW8109-125C	1 1/4"	4 1/4"	7 1/2"	SW8109
CAM-SW8103-075C	3/4"	3 1/2"	7"	SW8103

Dimensions are approximate

- Durable Aluminum Construction
- Compact and lightweight design
- Exhaust Port Silencing
- Vent Breather and Pressure Relief
- Compressor Blowdown Silencing
- Continuous Temperature
Minimum: -15°F
Maximum: 220°F
- Sound Attenuation up to 30 dBA
- Dryer System Desiccant Regeneration
- Reactive and Absorptive Silencing Technologies
- Modular components for application specific tuning
- Oxygen and Nitrogen Generator Desiccant Regeneration
- Pressure Relief applications, standard up to 10 bar/150 PSI



Solberg's patent-pending CAM Series air mufflers reduce noise levels and provide low pressure drop — an ideal choice for pressure swing adsorption applications. The air mufflers incorporate cutting-edge reactive and absorptive silencing technologies to deliver unparalleled performance. Its compact design allows for easy installation and integration into any system. Durable construction ensures longevity and reliability.



WE HAVE ACCESS TO SOLBERG'S ENTIRE LINE

If you need a Solberg item model not listed in this catalog, please email info@controlsandcomponents.com

We can add items you need to our stock for same day shipping

RIGHT ANGLE INLET VACUUM FILTERS

Solberg's CSL Series Inlet Filters for vacuum pumps are designed for various industrial vacuum processes where harmful particulates are present. Ideal for protecting the inlet of most vacuum pumps, our CSL Series comes standard with a variety of replaceable filter element options offering superior protection and longevity for the vacuum system.



2 MICRON PAPER RIGHT ANGLE INLET VACUUM FILTER

MODEL	SCFM	INLET & OUTLET SIZE (FNT)	SOLBERG REPLACEMENT FILTER	BOX QTY
CSL-824-039HCB	18	3/8"	824 SOLBERG	8
CSL-824-050HCB	18	1/2"	824 SOLBERG	8
CSL-824-075HCB	24	3/4"	824 SOLBERG	8
CSL-842-050HC	20	1/2"	842 SOLBERG	6
CSL-842-075HC	25	3/4"	842 SOLBERG	6
CSL-842-100HC	35	1"	842 SOLBERG	6
CSL-842-125HC	55	1 1/4"	842 SOLBERG	6
CSL-848-100HC	40	1"	848 SOLBERG	6
CSL-848-125HC	60	1 1/4"	848 SOLBERG	1
CSL-848-150HC	80	1 1/2"	848 SOLBERG	1
CSL-850-200HC	175	2"	850 SOLBERG	1
CSL-850-250HC	210	2 1/2"	850 SOLBERG	1

- 99%+ removal efficiency standard to 2 Micron
- Filter change out differential: 15-20"H2O (37-50 mbar) over initial Δ P
- Vacuum Rating: Medium vacuum service
- Temp (continuous): Min -15°F (-26°C) Max 220°F (104°C)
- Larger sizes available. Please email us for more information



CSL-824-039HCB



CSL-824-050HCB



CSL-824-200HC

5 MICRON POLYESTER RIGHT ANGLE INLET VACUUM FILTER

MODEL	SCFM	INLET & OUTLET SIZE (FNT)	SOLBERG REPLACEMENT FILTER	BOX QTY
CSL-825-039HCB	18	3/8"	825 SOLBERG	8
CSL-825-050HCB	18	1/2"	825 SOLBERG	8
CSL-825-075HCB	24	3/4"	825 SOLBERG	8
CSL-843-050HC	20	1/2"	843 SOLBERG	6
CSL-843-075HC	25	3/4"	843 SOLBERG	6
CSL-843-100HC	35	1"	843 SOLBERG	6
CSL-843-125HC	55	1 1/4"	843 SOLBERG	6
CSL-849-100HC	40	1"	849 SOLBERG	6
CSL-849-125HC	60	1 1/4"	849 SOLBERG	1
CSL-849-150HC	80	1 1/2"	849 SOLBERG	1
CSL-851-200HC	175	2"	851 SOLBERG	1
CSL-851-250HC	210	2 1/2"	851 SOLBERG	1

- 99%+ removal efficiency standard to 5 Micron
- Filter change out differential: 15-20" H2O (37-50 mbar) over initial Δ P
- Vacuum Rating: Medium vacuum service
- Temp (continuous): Min -15°F (-26°C) Max 220°F (104°C)
- Larger sizes available. Please email us for more information



CSL-825-039HCB



CSL-843-075HC



CSL-843-125HC



CSL-851-200HC

OEM FILTER REFERENCE

OEM PART	C&C PART
1613-8720-00	A1250
1613872000	A1250
1310-0301-60	A2100
1310-0300-88	A2453
1310-0339-26	A2453
1310-0348-89	A2453
1320-0332-71	A3544
1613-9001-00	A4758
1622-0658-00	A630

OEM PART	C&C PART
569004801	A1250
569006101	A1250
5590033661	A4758
569003301	A4758
5690033661	A4758
5690061661	A4758

OEM PART	C&C PART
WL01200AV	#04
WL012300AV	#06
ST073916AV	#06
91348550	#10
ST073921AV	#10
ST073903AV	A424
ST073905AV	A425
TF060504AV	AP428
ST073907AV	AP429
ST073908AV	AP429
007.0118-0	A424
603.1800-5	A429

OEM PART	C&C PART
P09974A	#06
P5975A	#09
P05050A	A425
P5050A	A425
M23019	AP420
M1445	AP420
P5051A	AP429
P05051A	AP429
P7625A	AP430
P07625A	AP430
P7625	AP430
P8208A	AP435
P08208A	AP435
P08208A	AP435
P8564A	AP555
P7172A	AP555
P06044A	A849
520942	A2360
560937	A2455
12P54932	A2546
2118874	A3715
2118348	A3744
2118351	A3744

OEM PART	C&C PART
35393685	A2455

OEM PART	C&C PART
70123-66140	A424S
1312100374	A425
6211-4723-00	A1250
2013-4000-03	A1250
2236-1057-66	A2455
2236-1060-24	A2455
8973-0351-33	A3715
6211-4578-00	A4758
6211-4739-50	A4758
8973-0353-10	A9286
2236-1059-47	A9286
8973-0154-73	A9286

OEM PART	C&C PART
43-562	A424
43-661	A424
43-662	A425
0076701	A425
43-551	AP428
43-763	AP429
0051291	AP429
43-840-1	AP430
0076378	AP431
0053536	AP435
43-831-1	AP445
A100016119	A1250
00956571	A2360
005150574	A2360
43-883-1	A2360
43-934-1	A2360
520942	A2360
43-654	A2604
43-849	A2604
A13306974	A2453
262854	A2863
73746	A3715
0075155	A4758
A13294374	A4758
A11207674	A9286

OEM PART	C&C PART
150-1104	#10
G54E	#10
150-1010	A400
L54E	A400
FE15	AP429

OEM PART	C&C PART
17210-ZE1-821	FA7008
17210-ZE1-822	FA7008
17210-ZE1-505	FA7008
17210-Z4M-821	FA7008
17210-ZE1-517	FA7008
AFZE30	FA7009
17210-ZE3-010	FA7009
17210-ZE2-822	FA7011
17210-ZE2-515	FA7011
17210-ZEO-822	FA7013
17210-ZEO-821	FA7013
17210-ZEO-505	FA7013
17210-ZEO-820	FA7013

OEM PART	C&C PART
2601540300	A2
70153-66142	A2
7015366142	A2
VA1118	A424
VA1163	A424
2601540410	A424S
70123-66140	A424S
RN24015-1	AP428
VA1121	AP428
VA1165	AP428
H95035	AP430
RN24020-1	AP430
VA1123	AP431
VA1129	AP431
VA1131	AP435
VA1144	AP435
RN24040-1	AP445
VA1133	AP445
2116040023	A2100
2116040164	A2100
9610512-N0450-P	A2100
1485059-2	A2100
RN2587	A2360
RN25857	A2360
RN24084-1	A2614
RN24082-1	A2742
RN24083-1	A3744
2116040163	A4758

OEM PART	C&C PART
2109945	A424
2109994	A425
2109946	AP429
P07447A	AP429
2115928	AP431
2115929	AP435
2115930	AP335
2115754	AP385
2115829	AP435
2116118	AP445
2116668	AP445
2115752	AP575
2118314	A2100
2116713	A2546
2118180	A2546
2117151	A2614
2116702	A2614
300EFE1445	A2863
2118315	A3544
2118859	A3715
2118348	A3744
2118354	A3744

OEM PART	C&C PART
32294852	#04
32171979	A424
32282196	A424
32170979	A425
54726518	AP428
32127482	AP428
32019787	A429
32012940	AP429
32012957	AP429
36630T78	AP429
32127489	AP429
32175466	AP429
3W114080B	AP429
36330T78	AP429
W114080B	AP429
39708466	A550
23092497	A630
89265976	A1250
88226220	A1250
89295976	A1250
35291970	A2360
36876423	A2360
38117691	A2360
92147353	A2360
92147453	A2360
59567255	A2360
N08152	A2360
51069664	A2360
38117891	A2360
39207204	A2360
35393685	A2453
81295669	A2455
22203095	A3095
54471834-A	A3544
92793025	A3544
36890135	A3715
88171913	A4758
88210620	A4758
22173538	A4758
89259329	A4758
39750732	A7505
39903265	A7505
39796768	A7967
39903281	A7967
39588462	A9286
92888716	A9286
92888718	A9286
9288176	A9286
92888178	A9286

KELTEC	OEM PART	C&C PART
	17-0202	#02
	17-0404	#04
	17-0606	#06
	KS15-003	#09
	17-1010	#10
	68-3194	A2
	KA70-011	A101
	KS110-009P	AP335
	KC1300-006P	AP376
	KS2100-012P	AP385
	KA250-022P	AP444
	KA140-010	A424
	KA140-010P	AP424
	KS25-002	A425
	KS25-002P	AP425
	KA30-005	A428
	KA30-005P	AP428
	KS45-005	A429
	KS45-005P	AP429
KA25-004	A400	
KS50-007	AP420	
KA105-005P	AP430	
KS88-005P	AP431	
KS120-009P	AP435	
KS240-008P	AP445	
KA350-012	A550	
KS450-024P	AP555	
KS710-004P	AP575	
KA145-037	A630	
KA290-018	A848	
KS41-009	AP851	
KA65-017	A1250	
68-1802	A1802	
KA110-034	A2100	
KC190-011K	A2360	
KC205-027	A2453	
KC205-027	A2455	
KC2300-002	A2614	
KC2300-002	A3012	
KC2300-002	A3013	
KA190-042	A3715	
KA310-027	A3744	
KC15-022	A4758	
KA1950-011	A7505	
KA825-003	A7967	
KA145-021	A9286	

PUMA	OEM PART	C&C PART
	2142009	A4245
	1800	A1800
	2142013	A1800
	1802	A1802
2142002	A1802	

ROLAIR	OEM PART	C&C PART
	31701300F	#04
R431	A424	

QUINCY	OEM PART	C&C PART
	112845-02	#02
	112845-04	#04
	2023400903	#06
	112845-06	#06
	110377E050	#09
	112845-10	#10
	2023400905	#10
	2013401983	#10
	12647E450	A101
	1627410006	A101
	126467E450	A101
	127357E016	AP376
	CFLT100010021	A400
	CRIC600010043	A424
	111146E100	A424
	111146E075	A424
	2013401984	A424
	2023405403	A424
	202340503	A424
	2023400851	A425
	110377E075	A425
	110377E901	A425
	2023400856	AP425
	2023400860	AP428
	2023400852	A429
	110377E100	A429
	110377E904	A429
	2023400859	A429
	2023400861	AP431
	110377E906	AP431
	2023400864	AP435
	110377E300	AP435
	141469-050	AP444
	127357E013	AP444
	2010302059	AP444
	125420E300	AP445
	127357E004	AP445
	2013401990	AP445
	141469-051	AP445
	2013401991	AP555
	127357E005	AP555
	2010302052	AP575
127357E006	AP575	
6211473700	A630	
6211473750	A630	
2200640815	A630	
2200640815	A630	
2010302057	A848	
127357E011	A848	
127357E003	AP851	
2010302051	AP851	
6211472350	A1250	
2013400003	A1250	
2013400457	A2546	
23458-4	A2546	
23458-2	A2604	
2013400458	A2614	
23458-5	A2614	
6211473950	A4758	
146515-1	A4758	

SAYLOR BEALL	OEM PART	C&C PART
	6106	A424
	8339	AP430
	6105	AP435
8389	AP430	

SOLBERG	OEM PART	C&C PART
	#100	A400
	#101	A101
	#103	A3013
	#127	A424S
	#127P	AP424S
	#14	A424S
	#14P	AP424S
	#15	A425
	#15P	AP425
	#18	A428
	#18P	AP428
	#19	A429
	#19P	AP429
	#25	A420
	#25P	AP420
	#30	A430
	#30P	AP430
	#31	A431
	#31P	AP431
	#34	A334
	#34P	AP334
	#35	A335
	#35P	AP335
	#230	A434
	#230P	AP434
	#231	A435
	#231P	AP435
	#234P	AP444
	#235P	AP445
	#335P	AP455
	#244P	AP554
	#245P	AP555
	#344P	AP556
	#345P	AP557
	#274P	AP574
	#275P	AP575
	#374P	AP674
	#375p	AP675
	#80	A800
#84	A840	
#842	A842	
#848	A848	
#848P	AP848	
#849	A849	
#849P	AP849	
#850	A850	
#850P	AP850	
#851	A851	
#851P	AP851	

SCHULZ	OEM PART	C&C PART
	809.0984-0	#04
	007.0159-0	#06
	007.0118-0	A424
603.1800-5	A429	

SULLIVAN PALLATEK	OEM PART	C&C PART
	00521-001	AP429
	28174-001	AP429
	00521-0075P	AP431
	00521-060	A2100
	00521-065	A2360
	1990052-02	A2360
	1900522	A2360
	01900522 0006	A2360
	00521-110	A2546
00521-075	A2863	
00521-082	A3544	
01903000 0056	A4758	

SULLAIR	OEM PART	C&C PART
	250026-120	AP376
	250039-657	AP385
	42445	A424
	243196	A424
	243197	AP429
	2250094-135	AP430
	02250094-135	AP430
	250002-732	AP445
	2500202-732	AP445
	250024-867	AP445
	250026-148	AP555
	250002-733	AP555
	2250046-638	AP555
	250002-734	AP575
	2250125370	A2100
	2250125-370	A2100
	02250125-370	A2100
	2250102-158	A2453
	2250125-371	A2453
	2250135	A2604
	409853	A2604
	2250046-012	A2742
	2250145-395	A2742
	2250122-816	A3544
	2250125-372	A3544
	02250145-627	A3715

CROSS REFERENCE
 We have more cross references available. Please email us your OEM part number

SOLENOID VALVES, TANK DRAINS & ACCESSORIES

TSUNAMI ELECTRONIC DRAINS

MODEL	VOLTAGE	DUAL INLET SIZE (FNPT ID x MNPT OD)	DIMENSIONS
21999-0177	120V AC	1/4" ID x 1/2" OD	5 1/2" x 3 1/2" x 3 1/2"
21999-0177-230	230V AC	1/4" ID x 1/2" OD	5 1/2" x 3 1/2" x 3 1/2"
21999-0177-24	24V DC	1/4" ID x 1/2" OD	5 1/2" x 3 1/2" x 3 1/2"
21999-0177-12	12V DC	1/4" ID x 1/2" OD	5 1/2" x 3 1/2" x 3 1/2"

- Comes with a 6' power cord
- When valve activates, condensate flows through strainer up to orifice & out back discharge port
- Internal strainer captures debris
- Adjustable timer with test button
- Ball valve used as manual tank or filter drain
- 1/4 Turn ball valve
- Inlet & outlet thread type
1/4" Internal FNPT
1/2" External MNPT
- Installs quickly to existing filters
- No disassembly required

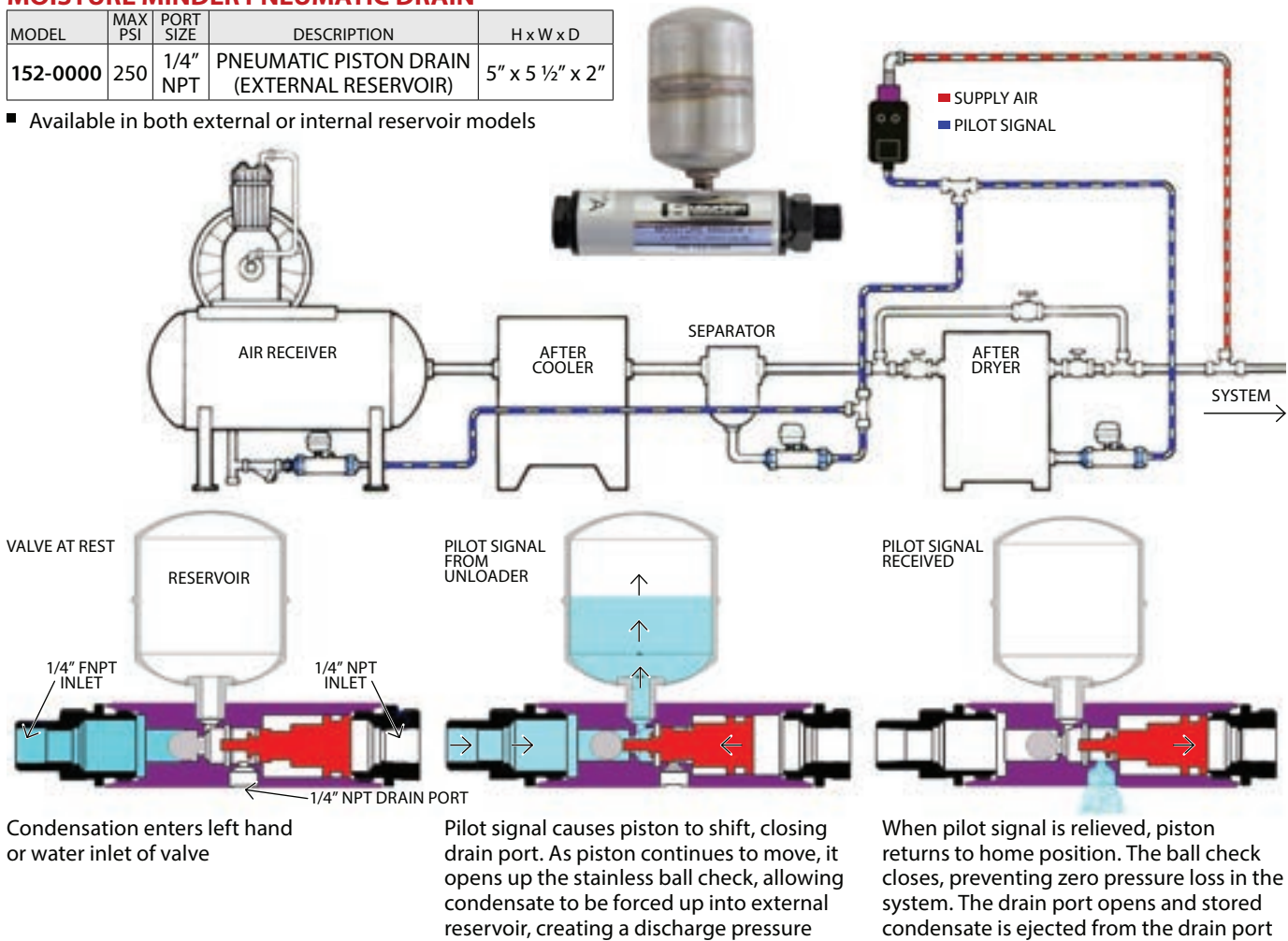


PERFECT DRAIN FOR COMPRESSED AIR LINE DROP LEG

MOISTURE MINDER PNEUMATIC DRAIN

MODEL	MAX PSI	PORT SIZE	DESCRIPTION	H x W x D
152-0000	250	1/4" NPT	PNEUMATIC PISTON DRAIN (EXTERNAL RESERVOIR)	5" x 5 1/2" x 2"

- Available in both external or internal reservoir models



Condensation enters left hand or water inlet of valve

Pilot signal causes piston to shift, closing drain port. As piston continues to move, it opens up the stainless ball check, allowing condensate to be forced up into external reservoir, creating a discharge pressure

When pilot signal is relieved, piston returns to home position. The ball check closes, preventing zero pressure loss in the system. The drain port opens and stored condensate is ejected from the drain port

DROP LEG AUTO DRAIN

MODEL	MAX PSI	PORT SIZE	DESCRIPTION
D704A	175 PSI	1/2" FNPT	THB IN-LINE AUTO DRAIN
T53-04W	175 PSI	1/2" FNPT	ARROW IN-LINE AUTO DRAIN

- Each unit includes Metal Bowl and Visible Sight Glass



KINGSTON ELECTRONIC DRAINS

MODEL	DESCRIPTION
KTD-S-B-24	110VAC • DUAL INLET/OUTLET 1/2" MNPT x 1/4" FNPT
KTD-C 230V	230V COIL FOR KTD-S-B-24
KTD-S-02	STRAINER ONLY 1/4" x 1/2"
KTD-S-04	STRAINER ONLY 1/2" x 1/2"

- Includes 6' power cord
- Designed for all air compressors
- 300 PSI maximum pressure
- Adjustable times:
 - 0.5-45 Minute interval time
 - 0.5-10 Second discharge time
- KTD-S-B-24 comes with a strainer to protect valve from debris
- Inlet & outlet thread type
 - internal thread 1/4" Female NPT
 - external thread 1/2" Male NPT



KTD-S
KINGSTON STRAINER

FORGED BRASS Y-STRAINERS

MODEL	SIZE	DESCRIPTION
BYS050	1/2"	NPT Y-STRAINER
BYS075	3/4"	NPT Y-STRAINER
BYS0100	1"	NPT Y-STRAINER
BYS0125	1 1/4"	NPT Y-STRAINER
BYS0150	1 1/2"	NPT Y-STRAINER
BYS0200	2"	NPT Y-STRAINER

- Heavy duty brass construction
- 20 Mesh stainless steel wire screen
- Tapped cap with plug
- Rated up to 200 PSI wog



KINGSTON AUTOMATIC DRAIN VALVE

MODEL	INLET SIZE	OUTLET SIZE	H x W x D
620-3	3/8"	1/4" NPT	3 3/4" x 1 5/8" x 1 1/8"



MANUAL TANK DRAINS PETCOCKS

MODEL	SIZE	DESCRIPTION
DT12-100	1/8"	THUMBSCREW
DT25-100	1/4"	THUMBSCREW
DC12-100	1/8"	(DC12) WINGNUT
DC25-100	1/4"	(DC25) WINGNUT
CDV25-60	1/4"	PULL DRAIN (60" CABLE)
FBV-25-M	1/4"	MINI BALL VALVE



THUMBSCREW



WINGNUT



PULL DRAIN



MINI BALL VALVE

PNEUMATIC DRAINS TANK MANIFOLDS

MODEL	DESCRIPTION
ACM-PSI	COMPRESSOR MANIFOLD 125 • 150 • 200
CTM-PSI	CARRY TANK MANIFOLD 150 PSI SAFETY VALVE
WV-1 SPECIAL	PNEUMATIC DRAIN KIT
WV-1	PNEUMATIC DRAIN VALVE ONLY



COMPRESSOR MANIFOLD



CARRY TANK MANIFOLD
safety valve



PNEUMATIC DRAIN KIT
WITH VALVE

TANK DRAIN KITS

TANK DRAIN KIT • ORDERING INFORMATION

- Please replace "PSI" in model number with your selected tank safety pressure
- If a tank "PSI" pressure is not selected, kit will include a 200 PSI safety valve
- 0-200 PSI gauge option is available upon request

STANDARD MANUAL TANK DRAIN KIT

MODEL	GALLON TANK	SAFETY VALVE NPT CFM @ 200 PSI
GTK80-PSI	20 - 80 GAL	1/4" NPT / 173 CFM
GTK120-PSI	120 GAL	1/2" NPT / 363 CFM
GTK240-PSI	240 GAL	1/2" NPT / 363 CFM
GTK4500-PSI	400 - 500 GAL	1/2" NPT / 363 CFM
GTK6100-PSI	600 - 1000 GAL	1" NPT / 1674 CFM

INCLUDED WITH KIT:

- 2.5" dry gauge 0-300 PSI
- Galvanized long nipples and fittings
- Pipe tape
- Soft seat safety valve
- Full port brass ball valve
- 240-1000 gallon kits equipped with 2.5" liquid filled 0-300 PSI gauge & adjustable pipe support
- Pipe support can be secured to the floor or structure with screws or concrete bolts



GTK80



GTK120



GTK240 / GTK4500



GTK6100

TANK KIT WITH FLOOR MOUNT KINGSTON ELECTRONIC TIMER DRAIN

MODEL	GALLON TANK	SAFETY VALVE NPT CFM @ 200 PSI
GTK80-PSI-K-EDV	20 - 80 GAL	1/4" NPT / 173 CFM
GTK120-PSI-K-EDV	120 GAL*	1/2" NPT / 363 CFM
GTK240-PSI-K-EDV	240 GAL*	1/2" NPT / 363 CFM

INCLUDED WITH KIT:

- 2.5" Dry gauge
- Galvanized long nipples and fittings
- Pipe tape
- Soft seat safety valve
- Full port brass ball valves
- Kingston electronic timer drain KTD-S-B-24
- Adjustable pipe support & 2.5" Liquid filled gauge included with 240 gal kit



GTK80-K-EDV



GTK120-K-EDV



GTK240-K-EDV

TANK KIT WITH FLOOR MOUNT TSUNAMI ELECTRONIC TIMER DRAIN

MODEL	GALLON TANK	SAFETY VALVE NPT CFM @ 200 PSI
GTK80-PSI-T-EDV	20 - 80 GAL	1/4" NPT / 173 CFM
GTK120-PSI-T-EDV	120 GAL	1/2" NPT / 363 CFM
GTK240-PSI-T-EDV	240 GAL	1/2" NPT / 363 CFM

INCLUDED WITH KIT:

- 2.5" Dry gauge
- Galvanized long nipples and fittings & Pipe tape
- Soft seat safety valve
- Full port brass ball valves
- Tsunami electronic timer drain 21999-0177
- Tsunami 21999-0348 & 21999-0326 mounting brackets
- Adjustable pipe support & 2.5" Liquid filled gauge included with 240 gal kit
- Pipe support can be secured to floor or structure with screws or concrete bolts



GTK80-T-EDV



GTK120-T-EDV



GTK240-T-EDV

For additional add on features, please select from the options below.
Simply add the Alpha Numeric code to the end of the Tank Drain model number when ordering

(-4LG)
REPLACE 2.5" GAUGE WITH
0-300 4" BACK MOUNT
LIQUID FILLED GAUGE



(-35DG)
REPLACE 2.5" GAUGE WITH
0-300 3.5" BACK MOUNT
DRY GAUGE



(-V4)
4" VIBRATION PADS
(QTY 4)



(-V6)
6" VIBRATION PADS
(QTY 4)

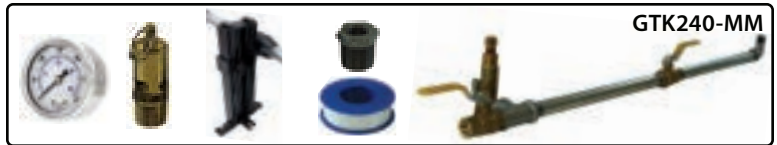
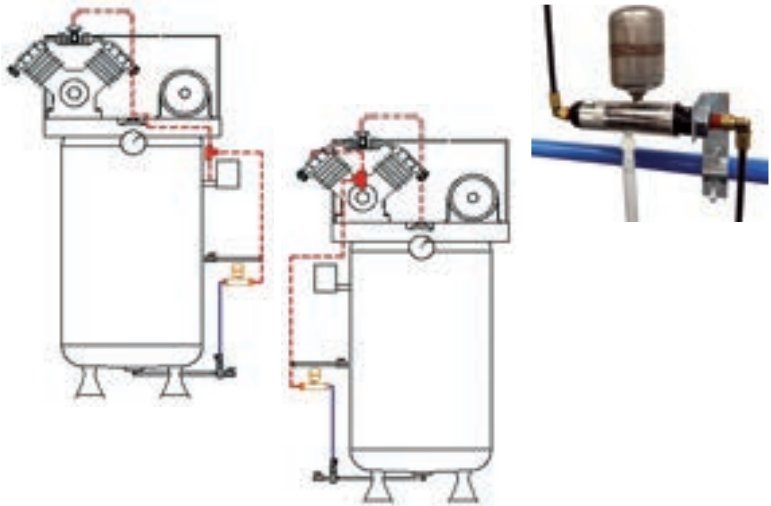


TANK KIT WITH TSUNAMI PNEUMATIC MOISTURE MINDER

MODEL	GALLON TANK	SAFETY VALVE NPT CFM @ 200 PSI
GTK80-PSI-MM	20 - 80 GAL	1/4" NPT / 173 CFM
GTK120-PSI-MM	120 GAL	1/2" NPT / 363 CFM
GTK240-PSI-MM	240 GAL	1/2" NPT / 363 CFM

INCLUDED WITH KIT:

- 2.5" Dry gauge
- Galvanized long nipples and fittings
- Soft seat safety valve
- Full port brass ball valves
- Tsunami Pneumatic drain 152-0000 and Brackets 21999-0348 & 21999-0326
- 300 PSI 1/4" high temp black nylon tubing
- Pipe tape
- 3/8" clear drainage tubing
- Brass push-to-connect fittings including 3 Way Union T for pressure switch connection
- 1/4" Compression 3 Way Union T for centrifugal unloader connection
- Adjustable pipe support included with 240 gal kit

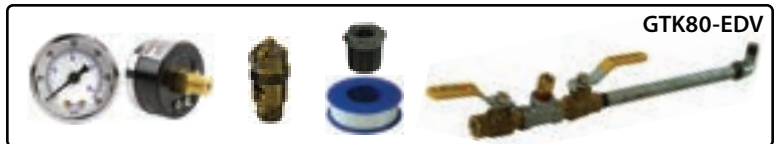


TANK KIT "PLUS" WITH TSUNAMI ELECTRONIC TIMER DRAIN

MODEL	GALLON TANK	SAFETY VALVE NPT CFM @ 200 PSI
GTK80-PSI-EDVPLUS	20 - 80 GAL	1/4" NPT / 173 CFM
GTK120-PSI-EDVPLUS	120 GAL	1/2" NPT / 363 CFM
GTK240-PSI-EDVPLUS	240 GAL	1/2" NPT / 363 CFM

INCLUDED WITH KIT:

- 2.5" Dry gauge
- Pipe tape
- Galvanized long nipples & fittings
- Soft seat safety valve
- Full port brass ball valves
- Tsunami electronic drain 21999-0177
- Tsunami 21999-0348 & 21999-0326 mounting brackets
- 300 PSI 1/4" high temp black nylon tubing
- 3/8" clear drainage tubing
- Adjustable pipe support included with 240 gal kit



BRASS FULL FLOW BALL VALVES

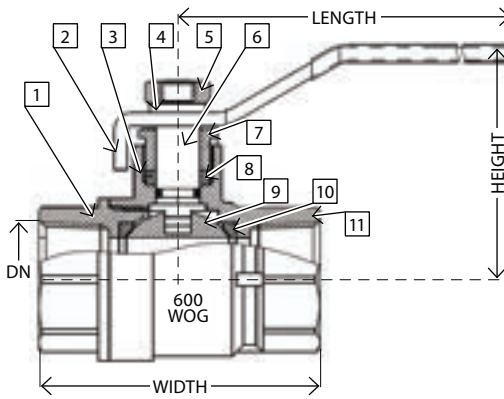
FNPT x FNPT BRASS BALL VALVE

MODEL	FNPT	DESCRIPTION
FBV-25-F	1/4"	FULL FLOW 600 WOG
FBV-38	3/8"	FULL FLOW 600 WOG
FBV-50	1/2"	FULL FLOW 600 WOG
FBV-75	3/4"	FULL FLOW 600 WOG
FBV-10	1"	FULL FLOW 600 WOG
FBV-12	1 1/4"	FULL FLOW 600 WOG
FBV-15	1 1/2"	FULL FLOW 600 WOG
FBV-20	2"	FULL FLOW 600 WOG
FBV-2.5	2 1/2"	FULL FLOW 400 WOG
FBV-30	3"	FULL FLOW 400 WOG
FBV-40	4"	FULL FLOW 400 WOG

- UL, CSA & FM Approved
- Full Port Brass Ball Valves
- Forged Brass Body
- Min temp -20°F
- Max temp 300°F
- 1/4 Turn open & close operation
- Blow out proof stem design
- Dual flow, chrome plated brass ball handle with Vinyl Grip
- Not lead free
- Suitable for wide range of liquids & gases



#	NAME	DESCRIPTION
1	CAP	BRASS
2	HANDLE	PLATED STEEL
3	PACKING	PTFE
4	LOCK WASHER	PLATED STEEL
5	HANDLE NUT	PLATED STEEL
6	STEM	BRASS
7	PACKING NUT	BRASS
8	O-RING	NBR
9	BALL	BRASS/CHROME PLATED (1/4" - 1") STAINLESS STEEL (1 1/4" - 2")
10	SEAT (2)	PTFE
11	BODY	BRASS



SIZE	WIDTH	HEIGHT	LENGTH
1/4"	1.73"	1.68"	3.46"
3/8"	1.75"	1.68"	3.46"
1/2"	2.24"	1.81"	3.46"
3/4"	2.52"	2.09"	4.29"
1"	2.97"	2.25"	4.29"
1 1/4"	3.44"	2.52"	5.63"
1 1/2"	3.87"	2.74"	5.63"
2"	4.29"	3.04"	6.10"
2 1/2"	5.53"	4.25"	7.75"
3"	6.14"	4.58"	8.19"
4"	7.79"	5.49"	8.78"

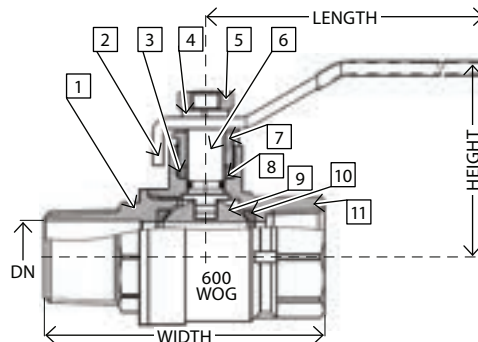
MNPT x FNPT BRASS BALL VALVE

MODEL	FNPT	DESCRIPTION
MFBV-25	1/4"	FULL FLOW 600 WOG
MFBV-38	3/8"	FULL FLOW 600 WOG
MFBV-50	1/2"	FULL FLOW 600 WOG
MFBV-75	3/4"	FULL FLOW 600 WOG
MFBV-10	1"	FULL FLOW 600 WOG
MFBV-12	1 1/4"	FULL FLOW 600 WOG
MFBV-15	1 1/2"	FULL FLOW 600 WOG
MFBV-20	2"	FULL FLOW 600 WOG

- UL, CSA & FM Approved
- Full Port Brass Ball Valves
- Forged Brass Body
- Min temp: -20°F
- Max temp: 300°F
- 1/4 Turn open & close operation
- Blow out proof stem design
- Dual flow, chrome plated brass ball
- Suitable for wide range of liquids and gases
- Handle with Vinyl Grip
- Not lead free



#	NAME	DESCRIPTION
1	CAP	BRASS
2	HANDLE	PLATED STEEL
3	PACKING	PTFE
4	LOCK WASHER	PLATED STEEL
5	HANDLE NUT	PLATED STEEL
6	STEM	BRASS
7	PACKING NUT	BRASS
8	O-RING	NBR
9	BALL	BRASS/CHROME PLATED (1/4" - 1") STAINLESS STEEL (1 1/4" - 2")
10	SEAT (2)	PTFE
11	BODY	BRASS



SIZE	WIDTH	HEIGHT	LENGTH
1/4"	2.04"	1.58"	3.46"
3/8"	2.12"	1.68"	3.46"
1/2"	2.50"	1.81"	3.46"
3/4"	3.01"	2.09"	4.29"
1"	3.26"	2.25"	4.29"
1 1/4"	3.72"	2.52"	5.63"
1 1/2"	4.15"	2.74"	5.63"
2"	4.72"	3.04"	6.10"

LOCKING HANDLE BALL VALVES


FNPT x FNPT BRASS BALL VALVE

MODEL	FNPT	DESCRIPTION
FBV-25-L	1/4"	FULL FLOW 600 WOG
FBV-38-L	3/8"	FULL FLOW 600 WOG
FBV-50-L	1/2"	FULL FLOW 600 WOG
FBV-75-L	3/4"	FULL FLOW 600 WOG
FBV-10-L	1"	FULL FLOW 600 WOG
FBV-12-L	1 1/4"	FULL FLOW 600 WOG
FBV-15-L	1 1/2"	FULL FLOW 600 WOG
FBV-20L	2"	FULL FLOW 400 WOG

- Min temp -20°F
- Max temp 300°F
- 1/4 Turn open & close operation
- UL stamped
- Suitable for wide range of liquids & gases
- Locking mechanism works in open & closed positions
- Dual flow, chrome plated brass ball
- Not lead free




3 WAY SIDE OUTLET BALL VALVE

	MODEL	SIZE
	FBV-464	1/4"
	FBV-465	3/8"
	FBV-461	1/2"
	FBV-462	3/4"


- 600 WOG
- Temp Rating 0-230°F
- 150 SWP
- Full Port
- Blow-out proof stem
- Double O-Ring stem packing
- PTFE Seal
- Made in China
- Not lead free

T HANDLE BALL VALVE

	MODEL	SIZE
	FBV-25-T	1/4"
	FBV-38-T	3/8"
	FBV-50-T	1/2"
	FBV-75-T	3/4"


- 600 WOG
- Full Port
- Forged Brass
- Not lead free

3 WAY BOTTOM OUTLET BALL VALVE


	MODEL	SIZE
	FBV-121	1/4"
	FBV-122	3/8"
	FBV-123	1/2"

- Bottom Port is inlet 400 PSI
- Side Ports are inlet 100 PSI
- Polytetrafluoroethylene ball seats
- Double O-Ring Stem Seals
- Primary seal is Fluoroelastomer
- Secondary seal is Aflas
- Blow out proof stem
- Made in USA
- Threaded ports
- Good for propane & diesel

CHROME PLATED MID-FLOW MINI VALVE • FNPT x FNPT

	MODEL	FNPT x FNPT
	MBV-FNPT-18	1/8"
	MBV-FNPT-25	1/4"
	MBV-FNPT-38	3/8"
	MBV-FNPT-50	1/2"

CHROME PLATED MID-FLOW MINI VALVE • MNPT x FNPT

	MODEL	MNPT x FNPT
	MBV-MNPT-18	1/8"
	MBV-MNPT-25	1/4"
	MBV-MNPT-38	3/8"
	MBV-MNPT-50	1/2"

BRASS MID-FLOW MINI BALL VALVE

	MODEL	SIZE
	FBV-25-M	1/4"

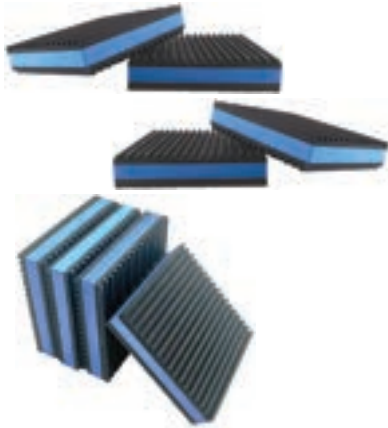
- 450 PSI max pressure
- Nickel plated Brass
- 1/4 Turn handle
- Maximum Temp
356°F @ 142 PSI
212°F @ 355 PSI

ANTI-VIBRATION PADS

BLUE COMPOSITE FOAM EXTRA SUPER DUTY ANTI-VIBRATION PADS

MODEL	PAD SIZE	BOX SIZE
B2x2x1	2" x 2" x 7/8"	100
B3x3x1	3" x 3" x 7/8"	36
B4x4x1	4" x 4" x 7/8"	24
B6x6x1	6" x 6" x 7/8"	12
B18x18x1	18" x 18" x 7/8"	6

- Ribbed rubber with blue foam center
- Not affected by moisture, oils or chemicals
- Max 60 lbs per square inch
- Designed for severe vibration applications
- Safe to use with anchor bolts, screws or lag bolts



INDOOR RUBBER/CORK ANTI-VIBRATION PADS

MODEL	PAD SIZE	BOX SIZE
C2x2x1	2" x 2" x 7/8"	100
C3x3x1	3" x 3" x 7/8"	36
C4x4x1	4" x 4" x 7/8"	24
C6x6x1	6" x 6" x 7/8"	12
C12x12x1	12" x 12" x 7/8"	12
C18x18x1	18" x 18" x 7/8"	6

- For dry indoor applications only
- Safe to use with anchor bolts, screws or lag bolts
- Ribbed rubber with cork center
- Max 50 lbs per square inch



ALL RUBBER ANTI-VIBRATION PADS

- For indoor & outdoor applications
- Holes can be drilled for bolts or screws to anchor to floor or structure
- Not affected by most oils and chemicals
- Max 60 lbs per square inch

WAFFLE SUPER DUTY ANTI-VIBRATION PADS

MODEL	PAD SIZE	BOX SIZE
R2x2x1	2" x 2" x 3/4"	N/A
R4x4x1	4" x 4" x 3/4"	N/A
R6x6x1	6" x 6" x 3/4"	N/A
R18x18x1	18" x 18" x 3/4"	5

- Pads are cut to size
- Not sold in prepackaged boxes
- Use with steel plate for heavy compressors with cupped feet



RIBBED SUPER DUTY ANTI-VIBRATION PADS

MODEL	PAD SIZE	BOX SIZE
R2x2x3/8	2" x 2" x 3/8"	48
R3x3x3/8	3" x 3" x 3/8"	24
R4x4x3/8	4" x 4" x 3/8"	24
R6x6x3/8	6" x 6" x 3/8"	24
R18x18x3/8	18" x 18" x 3/8"	10

- Ribbed rubber top and bottom
- 3/8" Pads work well as shim on uneven floors



TWIN TANK FEET

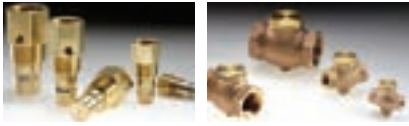
VIBRATION ISOLATION FOR TWIN TANK FEET

MODEL	DESCRIPTION
15-75	RUBBER FEET FOR TWIN TANK

- Screw and bolt not included



CONRADER



CONRADER IN-LINE CHECK VALVES

For compressed gas and pneumatic systems. Valves open to allow flow in one direction, and close when flow stops or reverses. Brass construction with reinforced PTFE poppet and stainless steel spring. CT-Series & CTL-Series installed on the end of a line into tanks and receivers. CL-Series & GV-Series installed in-line. (aka; non-return valves)

CONRADER SAFETY VALVES

Designed to protect unfired pressure vessels & systems from over pressure in compressed air and gas applications. SRV-Series (soft seat) has an elastomer seal. SRH-Series (hard seat) has a metal-to-metal seal. Safety valves are designed, manufactured, and certified under ISO 9001 quality control system to meet the requirements of ASME Boiler and Pressure Vessel Code Section VIII Division 1 and are registered for use in Canada (CRN)

CONRADER PILOTED UNLOADER VALVES

Combination of pilot valve & unloader valve to run an air compressor for continuous operation. This can be used on gas engine or electric motor driven air compressors. Two flow capacities: 20 and 60 SCFM. Pilot Valves are used on compressed air systems to control other devices using a pneumatic signal. The pilot valve is factory set in a pressure range with a unload (cut-out) and load (cut-in) setting

CONRADER THROTTLE CONTROLS

Used to regulate engine speed on gas engine-driven compressors in continuous run operation in conjunction with a pilot valve & unloader valve

CONRADER PILOTED UNLOADER CHECK VALVES

USA Manufactured Conrader Piloted Unloader Check valves are an all-in-one combination valve to run an air compressor for continuous operation. The valve includes a pilot valve, discharge unloader valve, and check valve. This can be used on gas engine or electric motor driven air compressors

K KINGSTON



KSV234



215A



KSV25



KNG570



118CSS

KINGSTON KCV234 VERTICAL IN-TANK CHECK VALVES

One piece body with high flow rates. Heavy duty valve with a male to female fitting

KINGSTON 215A SPRING LOADED CHECK VALVES

For non-return air or liquid applications. Precision-machined cast brass body with 25% glass-filled Teflon disc and stainless steel spring. Designed for installation in horizontal pipe lines. Suitable for both lubricated and non-lubricated compressed air applications

KINGSTON SAFETY VALVES

ASME Code Certified. API 527 Seat Tightness Standard. Compact design with high flow capacities for small air systems. Brass construction and a resilient silicone disc provides bubble-tight seal below reseating pressure

KINGSTON 118CSS HARD SEAT SAFETY VALVES

ASME Code Certified supports up to 300 PSI. Precision machined brass with hard seat, stainless steel ball & pull ring for manual tests. Designed to flow extremely high volumes

KINGSTON KNG570 HIGH CAPACITY SAFETY VALVES

Used for boilers, piping lines and vessel protection. Designed and engineered for heavy-duty industrial use. ASME and National Board Certified for Section XIII as well as CE and CRN Certifications. ASME Section XIII, CE, CRN certified for unfired vessel protection. Used for many applications to protect or relieve pressure for Air / Gas or Steam

IN-TANK CHECK VALVES (NPT)

Conrader CT-Series and CTL-Series check valves are used in compressed gas and pneumatic systems. These valves open to allow flow in one direction and close when the flow stops or reverses. The CT-Series and CTL-Series have a male outlet connection for use in tanks and receivers

ONE PIECE • CONRADER CTLB SERIES IN-TANK CHECK VALVES FEMALE NPT PIPE THREAD TOP INLET

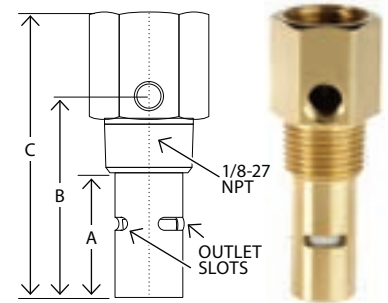
MODEL	CDI #	FEMALE NPT INLET	MALE NPT OUTLET	CFM
CTLB1412	N/A	1/4" FNPT	1/2" MNPT	15
CTLB3812-TT	P3850TT	3/8" x 1/2" DOUBLE TAPPED 1/8"		15
CTLB1212	P5050T	1/2" FNPT	1/2" MNPT	20
CTLB1212-TT	P5050TT	1/2" x 1/2" DOUBLE TAPPED 1/8"		20
CTLB1234	P5075T	1/2" FNPT	3/4" MNPT	30
CTLB3434	P7575T	3/4" FNPT	3/4" MNPT	30
CTLB3434-TT	P7575TT	3/4" x 3/4" DOUBLE TAPPED 1/8"		30
CTLB3434-P2	N/A	3/4" x 3/4" DOUBLE TAPPED 1/4" x 1/8"		30
CTLB121	N/A	1/2" FNPT	1" MNPT	30
CTLB341	P7510T	3/4" FNPT	1" MNPT	40
CTLB11	P1010T	1" FNPT	1" MNPT	60
CTLB11-TT	P1010TT	1" x 1" DOUBLE TAPPED 1/8"		60
CTLB11-P2	N/A	1" x 1" DOUBLE TAPPED 1/4" x 1/8"		60
CTLB114114	P1212T	1 1/4" FNPT	1 1/4" MNPT	130
CTLB112112	P1515T	1 1/2" FNPT	1 1/2" MNPT	150

TT valves have two 1/8" ports on opposite sides of hex

P2 valves have one 1/4" port & one 1/8" port on opposite sides of hex

- 1 Piece body
- All brass construction / serviceable
- Max operating pressure: 500 PSI
- Temp range: -65°F to 450°F
- 1/8" Unloader port included
- Brass body
- Brass valve housing
- 302 Stainless Steel spring

MODEL	"A"	"B"	"C"
CTLB3838	1.44"	1.69"	2.44"
CTLB1212	1.90"	2.14"	2.91"
CTLB3434	2.13"	2.39"	3.38"
CTLB11	2.61"	2.95"	4.18"
CTLB114114	2.84"	3.24"	4.34"
CTLB112112	2.84"	3.19"	4.34"



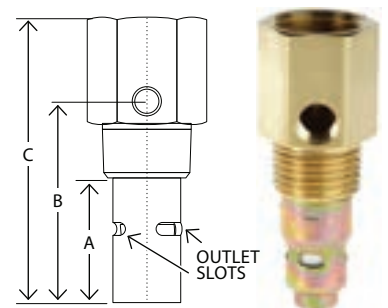
- Plated steel housing ring
- Reinforced PTFE seal
- Made in the USA

TWO PIECE • CONRADER CTB SERIES IN-TANK CHECK VALVES FEMALE NPT PIPE THREAD TOP INLET

MODEL	CDI #	FEMALE NPT INLET (TOP)	MALE NPT OUTLET (BOTTOM)	CFM
CTB1412	N/A	1/4" FNPT	1/2" MNPT	15
CTB3838	P3838T	3/8" FNPT	3/8" MNPT	15
CTB3812	P3850T	3/8" FNPT	1/2" MNPT	20
CTB1212	P5050T	1/2" FNPT	1/2" MNPT	20
CTB1234	P5075T	1/2" FNPT	3/4" MNPT	30
CTB3434	P7575T	3/4" FNPT	3/4" MNPT	30
CTB121	N/A	1/2" FNPT	1" MNPT	60
CTB341	P7510T	3/4" FNPT	1" MNPT	60
CTB11	P1010T	1" FNPT	1" MNPT	60
CTB1114	N/A	1" FNPT	1 1/4" MNPT	90
CTB114114	P1212T	1 1/4" FNPT	1 1/4" MNPT	95
CTB112112	P1515T	1 1/2" FNPT	1 1/2" MNPT	95
CTB34112	P7515T	3/4" FNPT	1 1/2" MNPT	60

- 2 Piece body construction
- Brass top
- Non-corrosive crimped steel bottom
- Max operating pressure: 500 psi
- Temp range: -65°F to 450°F
- Brass body
- Brass or plated steel valve housing
- Reinforced PTFE seal
- 302 Stainless Steel spring
- 1/8" Unloader port included
- Made in the USA

MODEL	"A"	"B"	"C"
CTB3838	1.56"	1.84"	2.60"
CTB1212	1.67"	1.92"	2.72"
CTB3434	1.93"	2.18"	3.18"
CTB11	2.31"	2.58"	3.81"
CTB114114	2.44"	2.74"	4.02"
CTB112112	2.31"	2.61"	3.35"



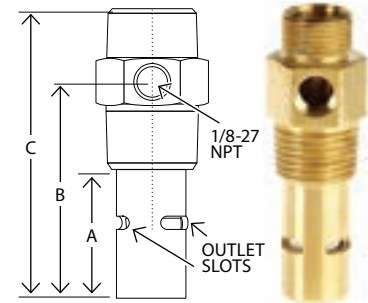
ONE PIECE • CONRADER CTLD SERIES COMPRESSION THREAD TOP

MODEL	CDI #	COMPRESSION TOP INLET	MALE NPT OUTLET	CFM
CTLD3838	C3838T	3/8" TUBE	3/8" MNPT	20
CTLD3812	C3850T	3/8" TUBE	1/2" MNPT	20
CTLD3812-TT	C3850TT	3/8" x 1/2" DOUBLE TAPPED 1/8"		20
CTLD51612	N/A	5/16" TUBE	1/2" MNPT	20
CTLD1238	C5038T	1/2" TUBE	3/8" MNPT	15
CTLD1212	C5050T	1/2" TUBE	1/2" MNPT	20
CTLD1212-TT	C5050TT	1/2" x 1/2" DOUBLE TAPPED 1/8"		20
CTLD1234	C7550T	1/2" TUBE	3/4" MNPT	20
CTLD1234-TT	C7550TT	1/2" x 3/4" DOUBLE TAPPED 1/8"		20
CTLD3434	C7575	3/4" TUBE	3/4" MNPT	30
CTLD3434-TT	C7575TT	3/4" x 3/4" DOUBLE TAPPED 1/8"		30
CTLD341	C7510	3/4" TUBE	1" MNPT	60

Check valves ending in **TT** have double tapped 1/8" ports on opposite sides of hex

- Max operating pressure: 500 PSI
- Temp range: -65°F to 450°F
- Brass body
- Compression tube inlet type
- 302 Stainless Steel spring
- Brass or plated steel valve housing

MODEL	"A"	"B"	"C"
CTLD1238	1.45"	1.73"	2.45"
CTLD3812	1.90"	2.18"	2.83"
CTLD1212	1.90"	2.23"	2.94"
CTLD3434	2.13"	2.39"	3.22"
CTLD341	2.61"	2.98"	3.91"



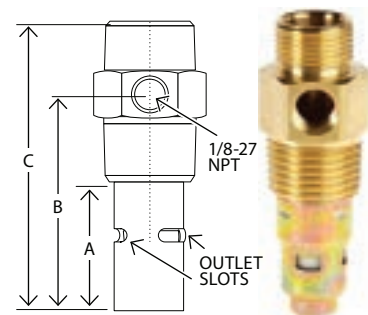
- Reinforced PTFE seal
- Made in the USA

TWO PIECE • CONRADER CTD SERIES COMPRESSION THREAD TOP INLET

MODEL	CDI #	COMPRESSION TOP INLET	MALE NPT OUTLET (TANK)	CFM
CTD51612	N/A	5/16" TUBE	1/2" MNPT	20
CTD5812	N/A	5/8" TUBE	1/2" MNPT	20
CTD3412	C7550T	3/4" TUBE	1/2" MNPT	20
CTD3812	C3850T	3/8" TUBE	1/2" MNPT	20
CTD1212	C5050T	1/2" TUBE	1/2" MNPT	20
CTD1234	C5075T	1/2" TUBE	3/4" MNPT	30
CTD3434	C7575T	3/4" TUBE	3/4" MNPT	30
CTD341	C7510T	3/4" TUBE	1" MNPT	60

- Max operating pressure: 500 PSI
- Temp range: -65°F to 450°F
- Brass body
- Compression tube inlet type
- 302 Stainless Steel spring
- Brass or plated steel valve housing
- Reinforced PTFE seal
- Made in the USA

MODEL	"A"	"B"	"C"
CTD1238	1.56"	1.84"	2.58"
CTD3812	1.73"	2.00"	2.66"
CTD1212	1.67"	1.95"	2.66"
CTD3434	1.85"	2.10"	2.93"
CTD341	2.31"	2.78"	3.61"



ADDITIONAL CHECK VALVES • COLD START

INVERTED FLARE CHECK VALVES

MODEL	DESCRIPTION	INLET	OUTLET	CFM
CTG1212	DOUBLE TAP 1/8" FNPT & 1/4" INV FLARE	1/2" INV FLARE	1/2" MNPT	20
CTG3434	DOUBLE TAP 1/4" FNPT & 1/4" INV FLARE	3/4" INV FLARE	3/4" MNPT	30
CTG5834	DOUBLE TAP 1/4" FNPT & 1/4" INV FLARE	5/8" INV FLARE	3/4" MNPT	30

- CTG1212 replaces IR models 56269590 & 32281735
- CTG3434 replaces IR models 855855286 & 54368154
- CTG5834 replaces IR models 85582229 & 32499766
- 1/4" Inverted Flare Brass Plug IFCC-092



CTG1212 / CTG3434



CTG5834

SAE / JIC FLARE CHECK VALVES

MODEL	DESCRIPTION	INLET	OUTLET	CFM
CTF1212	IN TANK CHECK VALVE 1/8" UNLOADER PORT	1/2" 45° SAE FLARE	1/2" MNPT	20
CTF5834	IN TANK CHECK VALVE 1/8" UNLOADER PORT	5/8" 45° SAE FLARE	3/4" MNPT	30
CTF3434	IN TANK CHECK VALVE 1/8" UNLOADER PORT	3/4" 45° SAE FLARE	3/4" MNPT	30
CTJ1234	IN TANK CHECK VALVE 1/8" UNLOADER PORT	1/2" 37° JIC FLARE	3/4" MNPT	30
CTJ3434	IN TANK CHECK VALVE 1/8" UNLOADER PORT	3/4" 37° JIC FLARE	3/4" MNPT	30

- SAE 45° or JIC 37° top inlet options
- Unit comes with 1/8" unloader port
- Male NPT outlet to air tank



CAC3812-SU3-T

CAC / CAF 90° CHECK VALVES

MODEL	DESCRIPTION	INLET	OUTLET	CFM
CAC3812-NF	1/8" UNLOADER OFFSET 120° FROM INLET	3/8" TUBE	1/2" MNPT	20
CAC3812-SU3-T	1/8" UNLOADER PORT W/COLD START VALVE	3/8" TUBE	1/2" MNPT	20
CAC3875-NF	1/8" UNLOADER OFFSET 120° FROM INLET	3/8" TUBE	3/4" MNPT	20
CAC1212	IN TANK CHECK VALVE 1/8" UNLOADER PORT	1/2" TUBE	1/2" MNPT	20
CAF1234120P	IN TANK CHECK VALVE	1/2" TUBE	3/4" MNPT	20

- Side Male compression Inlet, Male Outlet
- Inlets are 3/8" or 1/2"
- Outlet is 1/2" MNPT
- Optional 1/8" unloader port 120° from inlet on hex section
- Cold start valve on top assists motor start up
- Check valve closes when compressor reaches unload pressure, preventing back-flow air from receiver tank into discharge supply line



CAC3812-SU3-T



CAC3812-NF

CTA IN-TANK CHECK VALVES

MODEL	FEMALE NPT TOP INLET	MALE NPT BOTTOM OUTLET	CFM
CTA1212	1/2" FNPT	1/2" MNPT	20
CTA1234	1/2" FNPT	3/4" MNPT	30
CTA3434	3/4" FNPT	3/4" MNPT	30
CTA341	3/4" FNPT	1" MNPT	40
CTA11	1" FNPT	1" MNPT	60



- CTA In-Tank Check Valves DO NOT come equipped with Unloader port
- 2 Piece body construction
- Brass top
- Brass body
- Non-corrosive crimped steel bottom
- Max operating pressure: 500 PSI
- Temp range: -65°F to 450°F
- Brass or plated steel valve housing
- Reinforced PTFE seal
- 302 Stainless Steel spring
- Made in the USA

COLD START VALVES

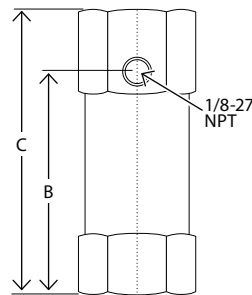
MODEL	DESCRIPTION
SU3-1/8	1/8" (CS-12)
SU3-1/4	1/4" (CS-25)



Conrader CL-Series check valves are used in compressed gas and pneumatic systems. They open to allow flow in one direction and close when the flow stops or reverses. The CL-Series are used in-line and have female outlet connection. Designed for Vertical configurations only.

VERTICAL INLINE CHECK VALVES FNPT

MODEL	DESCRIPTION	INLET / OUTLET	CFM	CDI#	"B"	"C"
CLB14	IN LINE BRASS	1/4" FNPT	12	IC-25	1.78"	2.50"
CLB38	IN LINE BRASS	3/8" FNPT	15	IC-38	1.69"	2.5"
CLB12	IN LINE BRASS	1/2" FNPT	20	IC-50	2.31"	3.06"
CLB34	IN LINE BRASS	3/4" FNPT	30	IC-75	2.27"	3.24"
CLB34-HF	HIGH FLOW	3/4" FNPT	60	IC-75	2.86"	3.64"
CLB1	IN LINE BRASS	1" FNPT	60	IC-10	3.13"	4.06"
CLB112	IN LINE BRASS	1 1/2" FNPT	60	N/A	3.45"	4.45"
CLB112-HF	HIGH FLOW	1 1/2" FNPT	90	N/A	3.45"	4.45"

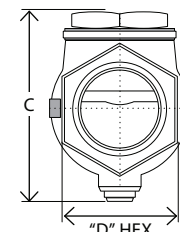
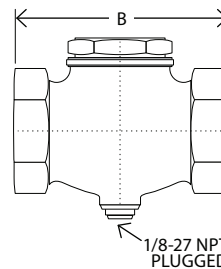


- CL-Series check valves are for compressed gas & pneumatic systems
- Valves open to allow flow in one direction and close when flow stops or reverses
- CL-Series for in-line with female NPT outlet connection
- Made in the USA

Conrader GV-Series check valves are used in compressed gas and pneumatic systems. They open to allow flow in one direction and close when the flow stops or reverses. The GV-Series are used in-line, have female connections, and are serviceable without removing the valve from the line. Designed for Horizontal configurations only.

HORIZONTAL INLINE CHECK VALVES

MODEL	INLET / OUTLET	CFM	CDI#	"B"	"C"	"D"
GV18	1/8" FNPT	12	CB13	1.76"	1.74"	13/16"
GV14	1/4" FNPT	12	CB25	1.76"	1.74"	13/16"
GV38	3/8" FNPT	22	CB38	1.85"	1.77"	15/16"
GV12	1/2" FNPT	38	CB50	2.28"	2.24"	1 1/16"
GV34	3/4" FNPT	60	CB75	2.54"	2.35"	1 15/16"
GV1	1" FNPT	115	CB10	3.20"	2.73"	1 1/16"
GV114	1 1/4" FNPT	160	CB12	3.60"	3.19"	2"
GV112	1 1/2" FNPT	160	CB15	3.98"	3.42"	2"
GV2	2" FNPT	220	CB20	4.91"	4"	2 7/8"



- GV-Series check valves used in compressed gas & pneumatic systems
- Serviceable without removing the valve from the line
- Valves open to allow flow in one direction & close when flow stops or reverses
- Max operating pressure: 250 PSI
- GV-Series are used in-line with female connections
- Temp. Range: -65°F to 450°F
- Brass body
- 302 Stainless Steel spring
- Reinforced PTFE seal
- Made in the USA

CLS & CLSF INLINE CHECK VALVES

MODEL	DESCRIPTION	INLET	OUTLET
CLS1412	IN LINE BRASS	1/4" MNPT	1/2" MNPT
CLS1414	IN LINE BRASS	1/4" MNPT	1/4" MNPT
CLSF1414	IN LINE BRASS	1/4" FNPT	1/4" FNPT
CLS3838	IN LINE BRASS	3/8" MNPT	3/8" MNPT
CLS3812	IN LINE BRASS	3/8" MNPT	1/2" MNPT



CONTROL LINE CHECK VALVE

MODEL	DESCRIPTION	INLET	OUTLET
CLC14	CONTROL LINE	1/4" FNPT	1/4" MNPT



KINGSTON CHECK VALVES

Kingston's KCV 234 In-Tank Check Valve offers an improved one piece body with high flow rates and top quality at an economical price. The KCV 234 is a heavy duty valve with a male to female fitting.

KINGSTON VERTICAL IN-TANK CHECK VALVE

MODEL	FEMALE NPT INLET (TOP)	MALE NPT OUTLET (BOTTOM)	HEIGHT	HEX
234-3-4	3/8" FNPT	1/2" MNPT	2 3/8"	7/8"
234-4-4	1/2" FNPT	1/2" MNPT	2 13/16"	1"
234-4-5	1/2" FNPT	3/4" MNPT	3 1/4"	1 1/8"
234-5-5	3/4" FNPT	3/4" MNPT	3 29/32"	1 3/16"
234-5-6	3/4" FNPT	1" MNPT	3 29/32"	1 5/16"
234-6-6	1" FNPT	1" MNPT	3 29/32"	1 1/2"
234-7-7	1 1/4" FNPT	1 1/4" MNPT	3 29/32"	1 7/8"

- 1 Piece Body
- All Brass Construction / Serviceable
- Max operating pressure: 500 PSI
- Maximum Temperature: -250°F to 400°F
- 1/8" Unloader port included
- Stainless Steel spring
- Precision Machined with Teflon Seat
- If the unloader port is not needed, simply add a hex plug to your order. BFCC-093
- SCFM Flow Charts available via email info@controlsandcomponents.com



Kingston Model 227 Vertical Check Valves are for non-return air or some liquid applications. Body is of precision-machined cast brass with a Buna-N Disc.

KINGSTON VERTICAL CHECK VALVE

MODEL	MALE NPT INLET	FEMALE NPT OUTLET	HEIGHT	HEX
227-2-2	1/4" MNPT	1/4" FNPT	1 27/32"	5/8"

- All Brass Construction
- Specifically for use in Vertical Pipe Lines
- Maximum Temperature: -40°F to 225°F
- Max operating pressure: 300 PSI
- Does NOT include unloader port
- Stainless Steel spring



Kingston Model 226 Vertical Check Valve is a robust check valve constructed from brass and features a Buna-N Disc. Kingston Vertical Check Valves are designed for use on the discharge line of lubricated or non-lubricated air compressors to prevent back flow from the air tank.

KINGSTON VERTICAL IN-LINE CHECK VALVE

MODEL	INLET SIZE	OUTLET SIZE	HEIGHT	HEX	MAX TEMP
226-2-2	1/4" FNPT	1/4" FNPT	2 7/16"	7/8"	225°F
226T-2-2	1/4" FNPT	1/4" FNPT	2 1/2"	7/8"	350°F
226-3-3	3/8" FNPT	3/8" FNPT	2 3/32"	7/8"	225°F
226T-3-3	3/8" FNPT	3/8" FNPT	2 5/32"	7/8"	350°F
226-4-4	1/2" FNPT	1/2" FNPT	2 17/32"	1 1/16"	350°F
226-5-5	3/4" FNPT	3/4" FNPT	3 3/16"	1 5/16"	350°F

226 DATA

- All Brass Construction
- Specifically for use in Vertical Pipe Lines
- Max operating pressure: 400 PSI
- 1/8" Unloader port included
- Brass spring seat
- Carbon steel snap ring

226T DATA

- All Brass Construction
- Specifically for use in Vertical Pipe Lines
- Max operating pressure: 400 PSI
- Does NOT include unloader port
- Brass spring seat
- Beryllium Copper retaining ring



226



226-T

KINGSTON HORIZONTAL CHECK VALVE



MODEL	INLET / OUTLET	HEIGHT	WIDTH	HEX
215A-2-2	1/4" FNPT	1 5/16"	1 11/16"	3/4"
215A-3-3	3/8" FNPT	1 5/16"	2 1/2"	1 1/8"
215A-4-4	1/2" FNPT	1 5/16"	2 11/16"	

- Cast Red Brass Body / Serviceable
- Glass filled Teflon disc for high/low temperature applications
- Max operating pressure: (400 PSI 1/4" & 3/8") (250 PSI 1/2")
- Stainless Steel or music wire spring dependent on set pressure
- Maximum Temperature: -40°F to 350°F
- Precision machined with soft seat
- 1/8" Unloader port included
- Test in National Board, Approved Quality Assurance
- Specifically for use in Horizontal Pipe Lines

Model 215A Spring Loaded Check Valve is for non-return air or liquid applications. Precision-machined cast brass body with 25% glass-filled Teflon disc & stainless steel spring. Designed for installation in horizontal pipe lines & suitable for lubricated & non-lubricated compressed air applications

KINGSTON HORIZONTAL ANTI-HAMMERING CHECK VALVE



MODEL	INLET / OUTLET	HEIGHT	HEX
205-3	3/8" FNPT	2 1/8"	1"
205-4	1/2" FNPT	3 1/8"	1 13/16"
205-5	3/4" FNPT	3 7/8"	1 9/16"
205-6	1" FNPT	4 3/16"	1 7/8"
205-7	1 1/4" FNPT	4 15/16"	2 5/16"
205-8	1 1/2" FNPT	4 15/16"	2 5/16"
205A-9	2" FNPT	5"	3 3/32"

- Cast Red Brass Body / Serviceable
- Max operating pressure: 400 PSI
- Design provides easy removal of scale, rust & debris
- Maximum Temperature: -250°F to 350°F
- Stainless steel spring
- 1/8" Unloader port plugged

Model 205 Check Valve is precision machined with a spring-loaded 'dash-pot' piston. The dash-pot piston design reduces the hammering effect caused by exhaust pulsation found in piston-type air compressors. Built with a Teflon disc for high temperature applications

CONRADER MINIMUM PRESSURE CHECK VALVE OPERATION

Installed directly downstream from the air-oil separator, the CMP provides two functions: At start up, the valve stays closed up to a preset level then opens to maintain a minimum pressure in the air oil separator. This assures pressure for lubricating the compressor, reduces oil foaming and protects the air-oil separator element

A Minimum Pressure Check Valve is not a One-Size-Fits-All product

There are many variables to consider and each variable changes, dependent on the OEM specifications

We can replace many popular OEM models from Gardner Denver, Atlas Copco, Quincy, Kaishan, IR, Palatek & Sullair. Please email info@controlsandcomponents.com the following for us to provide an accurate quote to you.

- 1 What is the make and model of the Air Compressor?
- 2 What is the OEM part number?
- 3 Is it MNPT or FNPT?
- 4 What thread size NPT
- 5 Are there any additional side ports?
- 6 Are the side ports being used or are they plugged?
- 7 Please provide images of the valve you are replacing



All Minimum Pressure Check Valve inquiries must be sent in via email

DESIGN FEATURES

- Flow Passages designed for low pressure drop
- PTFE or Viton Seat for tight seal
- Set Pressure accurate within 3%
- Viton/Buno-N O-Rings for lubricant compatibility
- Inlet and Outlet side ports for pressure taps
- Max operating pressure 600 PSI
- Operating Temp -35°F to 400°F

OPTIONS

- NPT, BSPT, BSPP, ORB threaded connections available. C&C will be stocking standard NPT
- PTFE, Viton or metal seat
- Viton or Buna O-Rings
- Electroless nickel plating
- SAE ISO 6162 inlet/outlet flange
- Aluminum anodizing
- Custom port configurations upon request
- All sizes available as cartridges

MINIMUM PRESSURE VALVE

MODEL	SIZE (NPT)	RATED FLOW RATE (CFM)	CRACKING PRESSURE (PSI)	CALCULATE PRESSURE DROP (PSI) x 10 - 6	NOMINAL MIN PRESSURE (PSI)	FULL OPEN PRESSURE (PSI)
CMP34	3/4"	100	60 - 70	150 x Q2	Pc - 14	Pc + 10
CMP114	1 1/4"	200	50 - 70	27 x Q2	Pc - 9	Pc + 23
CMP112	1 1/2"	350	50 - 70	9.1 x Q2	Pc - 7	Pc + 22
CMP2	2"	750	50 - 65	2.5 x Q2	Pc - 01	Pc + 34
CMP3	3"	1500	70 - 80	0.5 x Q2	Pc - 5	Pc + 20



CONRADER IN-TAKE CONTROL VALVE OPERATION

Installed directly upstream of the rotary compressor, the ICV controls the volume of free air pulled into the compressor. The ICV is modulated to be fully open, partially closed, or fully closed depending on the demand produced by the compressor. The check valve closes to prevent back flow through the air filter

A Intake Control Valve is not a One-Size-Fits-All product

There are many variables to consider and each variable changes, dependent on the OEM specifications

We can replace many popular OEM models from Gardner Denver, Atlas Copco, Quincy, Kaishan, IR, Palatek & Sullair. Please email info@controlsandcomponents.com the following for us to provide an accurate quote to you.

- 1 What is the make and model of the Air Compressor?
- 2 What is the OEM part number?
- 3 What is the cracking Pressure (PSI)?
- 4 What thread size and type?
- 5 Are there any additional side ports?
- 6 Please provide images of the valve you are replacing

All In-Take Control Valve inquiries must be sent in via email

DESIGN FEATURES

- Flow Passages designed for low pressure drop
- Straight-through and 90° designs available
- PTFE seat for resilient seal
- Modulation pressure set for customers needs
- Viton/Buno-N O-Rings for lubricant compatibility
- Inlet and Outlet side ports
- Compact design
- Cast aluminum body
- Aluminum, Brass, and Stainless steel components
- Max operating pressure 250 PSI
- Operating Temp -35°F to 250°F

OPTIONS:

- Inlet and Outlet connections designed per customer needs
- Viton or Buna O-Rings
- Aluminum anodized components
- Custom port configurations upon request



CONRADER SOFT-SEAT SAFETY RELIEF VALVES



SRV187
1.7" HT • 9/16" HEX



SRV250
1.75" HT • 11/16" HEX



SRV390
2.69" HT • 7/8" HEX



SRV530
3.69" HT • 1 1/16" HEX



SRV765
4.66" HT • 1 5/8" HEX

CONRADER SOFT-SEAT SAFETY RELIEF VALVES

MODEL	NPT	MAX TEMP
SRV187-18-PSI	1/8"	350°
SRV187-14-PSI	1/4"	350°
SRV250-18-PSI	1/8"	400°
SRV250-14-PSI	1/4"	400°
SRV250-38-PSI	3/8"	400°
SRV390-38-PSI	3/8"	400°
SRV390-12-PSI	1/2"	400°
SRV530-12-PSI	1/2"	400°
SRV530-34-PSI	3/4"	400°
SRV765-1-PSI	1"	400°
SRV765-114-PSI	1 1/4"	400°

- Soft Seat applications include small air compressor and receiver tanks
- Stainless Steel spring and silicone seal
- Designed and Certified to ASME Code specifications
- Bubble tight to within 5 PSI for set pressure of 50 PSI or less and within 10% for set pressures greater than 50 PSI
- Made in the USA



SRV250-SS
1.75" HT • 11/16" HEX



SRV390-SS
2.69" HT • 7/8" HEX



SRV530
3.69" HT • 1 1/16" HEX

STAINLESS STEEL SOFT-SEAT SAFETY RELIEF VALVES

MODEL	NPT	MAX TEMP
SRV250-SS-PSI	1/4"	400°
SRV390-SS-PSI	1/2"	400°
SRV530-SS-PSI	3/4"	400°

Please select the PSI you require from the chart. Once selected, simply replace the "PSI" in the part number when ordering **Examples: SRV250-14-200, SRV250-SS-200**

CFM information is also located on the chart. Safety relief valve series / types are located across the top of the chart. PSIs are located in the left column.

Examples: SRV250-14-200 is 173 CFM, SRV250-SS-200 is 173 CFM

SRV SERIES CFM FLOW RATE

PSI	187	250	390	530	765
25	17	31	66	143	304
30	19	35	73	159	340
35	21	39	82	178	379
40	24	43	90	196	418
45	26	47	99	215	457
50	28	51	108	233	496
55	30	55	116	251	536
60	33	59	125	270	575
65	35	63	133	288	614
70	37	67	142	307	653
75	39	71	150	325	693
80	42	75	159	344	732
85	44	80	167	362	771
90	46	84	176	380	810
95	48	88	184	399	849
100	51	92	193	417	889
105	53	96	201	436	928
110	55	100	210	454	967
115	57	104	218	473	1006
120	60	108	227	491	1045
125	62	112	235	509	1085
130	64	116	244	528	1124
135	66	120	252	546	1163
140	69	124	261	565	1202
145	71	128	270	583	1242
150	73	132	278	601	1281
155	75	137	287	620	1320
160	78	141	295	638	1359
165	80	145	304	657	1398
170	82	149	312	675	1438
175	84	153	321	694	1477
180	87	157	329	712	1516
185	89	161	338	730	1555
190	91	165	346	749	1594
195	93	169	355	767	1634
200	96	173	363	786	1673
205	98	177	372	804	1712
210	100	181	380	823	1751
215	102	185	389	841	1791
220	105	189	397	859	1830
225	107	194	406	878	1869
230	109	198	414	896	1908
235	112	202	423	915	1947
240	114	206	431	933	1987
245	116	210	440	952	2026
250	118	214	449	970	2065
255	-	218	457	988	2104
260	-	222	466	1007	2143
265	-	226	474	1025	2183
270	-	230	483	1044	2222
275	-	234	491	1062	2261
280	-	238	500	1081	2300
285	-	242	508	1099	2340
290	-	246	517	1117	2379
295	-	251	525	1136	2418
300	-	255	534	1154	2457
325	-	275	-	-	-
350	-	295	-	-	-
375	-	316	-	-	-
400	-	336	-	-	-
425	-	356	-	-	-
450	-	377	-	-	-



SRH250
1.98" HT • 11/16" HEX



SRH375
3.48" HT • 7/8" HEX



SRH580
5.04" HT • 1 3/8" HEX

HARD-SEAT SAFETY RELIEF VALVES (HIGH TEMPERATURES)

MODEL	NPT	MAX TEMP
SRH250-18-PSI	1/8"	400°
SRH250-14-PSI	1/4"	400°
SRH250-38-PSI	3/8"	400°
SRH375-38-PSI	3/8"	400°
SRH375-12-PSI	1/2"	400°
SRH580-34-PSI	3/4"	400°
SRH580-1-PSI	1"	400°

- Hard Seat designed for higher temperature applications such as compressor pumps, inter-coolers and after-coolers
- No audible leak at 90% set pressure above 74 PSI
- Conrader Hard Seat valves have a Metal-to-metal seal and are Certified to ASME Code Specifications
- 302 Stainless Steel Spring
- 440 Stainless Steel Ball
- Made in the USA



SRH375-SS
3.48" HT • 7/8" HEX



SRH250-SS
1.98" HT • 11/16" HEX

STAINLESS STEEL HARD-SEAT SAFETY RELIEF VALVES

MODEL	NPT	MAX TEMP
SRH250-SS-PSI	1/4"	400°
SRH375-SS-PSI	3/8"	400°

Please select the PSI you require from the chart. Once selected, simply replace the "PSI" in the part number when ordering **Examples: SRH250-14-200, SRH250-SS-200**

CFM information is also located on the chart. Safety relief valve series / types are located across the top of the chart. PSIs are located in the left column

Examples: SRH250-14-200 is 168 CFM, Example: SRH250-SS-200 is 168 CFM

SRH SERIES CFM FLOW RATE

PSI	250	375	580
25	30	-	142
30	34	-	158
35	38	-	177
40	42	-	195
45	46	-	213
50	50	116	232
55	54	125	250
60	58	134	268
65	62	143	287
70	66	153	305
75	69	162	323
80	73	171	341
85	77	180	360
90	81	189	378
95	85	199	396
100	89	208	415
105	93	217	433
110	97	226	451
115	101	235	470
120	105	244	488
125	109	254	506
130	113	263	525
135	117	272	543
140	121	281	561
145	125	290	580
150	129	300	598
155	133	309	616
160	137	318	635
165	141	327	653
170	145	336	671
175	149	346	689
180	153	355	708
185	157	364	726
190	161	373	744
195	165	382	763
200	168	391	781
205	172	401	799
210	176	410	818
215	180	419	836
220	184	428	854
225	188	437	873
230	192	447	891
235	196	456	909
240	200	465	928
245	204	474	946
250	208	483	964
255	212	492	983
260	216	502	1001
265	220	511	1019
270	224	520	1037
275	228	529	1056
280	232	538	1074
285	236	548	1092
290	240	557	1111
295	244	566	1129
300	248	575	1147
325	267	621	-
350	287	667	-

KINGSTON SOFT-SEAT SAFETY RELIEF VALVES



KSV10H 1.53" HT • 9/16" HEX KSV25 1.91" HT • 11/16" HEX KSV30 2.71" HT • 7/8" HEX KSV35 3.66" HT • 1" HEX KSV40 4.66" HT • 1 1/8" HEX

KINGSTON SOFT-SEAT SAFETY RELIEF VALVES

MODEL	NPT	MAX TEMP
KSV10H-1-PSI	1/8"	350°
KSV10H-2-PSI	1/4"	350°
KSV25-1-PSI	1/8"	400°
KSV25-2-PSI	1/4"	400°
KSV25-3-PSI	3/8"	400°
KSV30-4-PSI	1/2"	400°
KSV35-4-PSI	1/2"	400°
KSV35-5-PSI	3/4"	400°
KSV40-6-PSI	1"	400°
KSV40-7-PSI	1 1/4"	400°

- Precision machined valve with a soft seat
- Compact size with high flow capacities
- Low Profile Safety Valve designed with the small air system in mind
- All Brass construction with resilient silicone disc
- Provides a bubble-tight seal below reseating pressure
- ASME Code Certified

Please select the PSI you require from the chart. Once selected, simply replace the "PSI" in the part number when ordering **Example: KSV25-2-200**

CFM information is also located on the chart. Safety relief valve series / types are located across the top of the chart. PSIs are located in the left column

Example: KSV25-2-200 is 170 CFM

KSV SOFT-SEAT SERIES CFM FLOW RATE

PSI	10H	25	30	35	40
20	-	27	71	128	268
25	19	31	81	145	301
30	22	34	90	162	337
35	24	38	101	180	376
40	27	42	111	199	415
45	29	46	121	218	453
50	32	50	132	236	492
55	35	54	142	255	531
60	37	58	153	274	570
65	40	62	163	293	609
70	42	66	174	311	648
75	45	70	184	330	687
80	47	74	195	349	726
85	50	78	205	367	764
90	53	82	216	386	803
95	55	86	226	405	842
100	58	90	236	423	881
105	60	94	247	442	920
110	63	98	257	461	959
115	65	102	268	480	998
120	68	106	278	498	1037
125	71	110	289	517	1076
130	73	114	299	536	1114
135	76	118	310	554	1153
140	78	122	320	573	1192
145	81	126	330	592	1231
150	83	130	341	610	1270
155	86	134	351	629	1309
160	89	138	362	648	1348
165	91	142	372	667	1387
170	94	146	383	685	1426
175	96	150	393	704	1464
180	99	154	404	723	1503
185	101	158	414	741	1542
190	104	162	425	760	1581
195	107	166	435	779	1620
200	109	170	445	797	1659
205	112	174	456	816	1698
210	114	178	466	835	1737
215	117	182	477	854	1775
220	119	186	487	872	1814
225	122	190	498	891	1853
230	125	194	508	910	1892
235	127	198	519	928	1931
240	130	202	529	947	1970
245	132	206	539	966	2009
250	135	210	550	984	2048
255	137	214	560	1003	2087
260	140	218	571	1022	2125
265	142	222	581	1041	2164
270	145	226	592	1059	2203
275	148	230	602	1078	2242
280	150	234	613	1097	2281
285	153	238	623	1115	2320
290	155	242	634	1134	2359
295	158	246	644	1153	2398
300	160	250	654	1171	2437

HARD-SEAT SAFETY RELIEF VALVES (HIGH FLOW CAPACITY)

MODEL	NPT	MAX TEMP	HEIGHT	HEX
118CSS-2-PSI	1/4"	400°	3 3/16"	5/8"
118CSS-3-PSI	3/8"	400°	3 9/16"	3/4"
118CSS-4-PSI	1/2"	400°	3 13/16"	7/8"
118CSS-5-PSI	3/4"	400°	5 7/16"	1 1/2"
118CSS-6-PSI	1"	400°	5 3/4"	1 15/16"

- Hard Seat designed for higher temperature applications such as compressor pumps, inter-coolers & after-coolers
- Precision machined brass with hard seat
- Supports ASME code applications up to 300 PSI
- Stainless steel ball for durability
- Pull ring for manual testing
- Factory tested for quality & dependability
- Approved in Massachusetts & Washington, DC



Please select PSI you require from chart & replace "PSI" in model number when ordering

Examples: 118CSS-2-200, 112CR-2-200

CFM information is also located on the chart. Safety relief valve series / types are located across the top of the chart.

PSIs are located in the left column
Example: 118CSS-2-200 is 251 CFM, 112CR-2-200 is 120 CFM

118CSS HARD-SEAT SERIES CFM FLOW RATE

PSI	1/4"	3/8", 1/2"	3/4", 1"	PSI	1/4"	3/8", 1/2"	3/4", 1"
25	45	65	155	165	210	302	720
30	51	73	175	170	216	311	740
35	57	82	195	175	222	319	760
40	63	9	215	180	228	328	781
45	69	99	236	185	233	336	801
50	75	107	256	190	239	344	821
55	80	116	276	195	245	353	841
60	86	124	296	200	251	361	861
65	92	133	316	205	257	370	882
70	98	141	336	210	263	378	902
75	104	150	357	215	269	387	922
80	110	158	377	220	275	395	942
85	116	167	397	225	281	404	962
90	122	175	417	230	286	412	982
95	128	184	437	235	292	421	1003
100	133	192	458	240	298	429	1023
105	139	201	478	245	304	438	1043
110	145	209	498	250	310	446	1063
115	151	217	518	255	316	455	1083
120	157	226	539	260	322	463	1104
125	163	234	559	265	328	472	1124
130	169	243	579	270	334	480	1144
135	175	251	599	275	339	488	1164
140	181	260	619	280	345	497	1184
145	186	268	639	285	351	505	1202
150	192	277	659	290	357	514	1225
155	198	285	680	295	363	522	1245
160	204	297	700	300	369	531	1265

STAINLESS STEEL HARD-SEAT SAFETY RELIEF VALVES

MODEL	NPT	MAX TEMP	HEIGHT	HEX
112CR-2-PSI	1/4"	400°	3 1/8"	3/4"
112CR-3-PSI	3/8"	400°	3 1/8"	3/4"
112CR-4-PSI	1/2"	400°	3 3/4"	7/8"

- ASME code certified
- Precision machined all stainless steel valve with a hard seat
- Stainless Steel construction to harsh conditions
- Factory tested for quality and dependability
- Approved in Massachusetts & Washington, DC
- Stamped with UV & NB symbols
- Registered in all Canadian provinces & territories



112CR STAINLESS STEEL HARD-SEAT SERIES CFM FLOW RATE

PSI	1/4", 3/8"	1/2"	PSI	1/4", 3/8"	1/2"	PSI	1/4", 3/8"	1/2"
25	21.5	33	120	75	114	215	128	196
30	24	37	125	78	119	220	131	200
35	27	41	130	80	123	225	134	205
40	30	46	135	83	127	230	137	209
45	33	50	140	86	132	235	139	213
50	36	54	145	89	136	240	142	217
55	38	59	150	92	140	245	145	222
60	41	63	155	94	144	250	148	226
65	44	67	160	97	148	255	151	230
70	47	72	165	100	153	260	153	235
75	50	76	170	103	157	265	156	239
80	52	80	175	106	162	270	159	243
85	55	84	180	108	166	275	162	247
90	58	89	185	111	170	280	165	252
95	61	93	190	114	174	285	167	256
100	64	97	195	117	179	290	170	260
105	66	102	200	120	183	295	173	265
110	69	106	205	123	187	300	176	269
115	72	110	210	125	192			

KINGSTON 570 SAFETY VALVES

KINGSTON 570 SAFETY VALVES

MODEL	MNPT INLET	FNPT OUTLET
DC1M1K1-PSI	1/2"	3/4"
DD1M1K1-PSI	3/4"	3/4"
ED1M1K1-PSI	3/4"	1"
EE1M1K1-PSI	1"	1"
FE1M1K1-PSI	1"	1 1/4"
FF1M1K1-PSI	1 1/4"	1 1/4"
GF1M1K1-PSI	1 1/4"	1 1/2"
GG1M1K1-PSI	1 1/2"	1 1/2"
HG1M1K1-PSI	1 1/2"	2"
HH1M1K1-PSI	2"	2"
JH1M1K1-PSI	2"	2 1/2"
JJ1M1K1-PSI	2 1/2"	2 1/2"



KINGSTON 570 SCFM FLOW RATE CHART

PSI	D	E	F	G	H	J
5	45	79	125	202	320	521
10	54	96	153	246	391	636
15	64	113	181	291	461	751
20	74	131	208	335	532	865
25	84	148	236	380	602	980
30	94	165	263	424	673	1095
35	104	184	294	473	750	1221
40	115	204	324	522	828	1348
45	126	223	355	571	906	1474
50	137	242	385	620	983	1600
55	147	261	415	669	1061	1726
60	158	280	446	718	1138	1853
65	169	299	476	767	1216	1979
70	180	318	506	816	1294	2105
75	191	337	537	865	1371	2234
80	201	356	567	914	1449	2358
85	212	375	598	963	1526	2484
90	223	394	628	1012	1604	2610
95	234	413	658	1061	1681	2736
100	245	432	689	1109	1759	2863
105	255	452	719	1158	1837	2989
110	266	471	750	1207	1914	3115
115	277	490	780	1256	1992	3241
120	288	509	810	1305	2069	3368
125	299	528	841	1354	2147	3494
130	309	547	871	1403	2225	3620
135	320	566	901	1452	2302	3746
140	331	585	932	1501	2380	3873
145	342	604	962	1550	2457	3999
150	352	623	993	1599	2535	4125
155	363	642	1023	1648	2613	4252
160	374	661	1053	1697	2690	4378
165	385	680	1084	1746	2768	4504
170	396	699	1114	1795	2845	4630
175	406	719	1144	1843	2923	4757
180	417	738	1175	1892	3000	4883
185	428	757	1205	1941	3078	5009
190	439	779	1236	1990	3156	5135
195	450	795	1266	2039	3233	5262
200	460	814	1296	2088	3311	5388
205	471	833	1327	2137	3388	5514
210	482	852	1357	2186	3466	5640
215	493	871	1387	2235	3544	5767
220	503	890	1418	2284	3621	5893
225	514	909	1448	2333	3699	6019
230	525	928	1479	2382	3776	6145
235	536	947	1509	2431	3854	6272
240	547	966	1539	2480	3931	6398
245	557	986	1570	2529	4009	6524
250	568	1005	1600	2577	4087	6650
255	579	1024	1630	2626	4164	6777
260	590	1043	1661	2675	4242	6903
265	601	1062	1691	2724	4319	7029
270	611	1081	1722	2773	4397	7156
275	622	1100	1752	2822	4475	7282
280	633	1119	1782	2871	4552	7408
285	644	1138	1813	2920	4630	7534
290	655	1157	1843	2969	4707	7661
295	676	1176	1874	3018	4785	7787
300	676	1195	1904	3067	4863	7913

When ordering, replace model number "PSI" with an available size in chart

Example: DC1M1K1-75

- KNG570 series is a high capacity safety valve used for boilers, piping lines and vessel protection
- Designed and engineered for heavy-duty industrial use
- ASME and National Board Certified for Section I and VIII as well as CE and CRN Certifications
- The KNG570 is made of Brass/Bronze
- Min Temp: -20°F • Max Temp: 406°F
- Used for many applications to protect or relieve pressure for Air / Gas or Steam. Set pressures: Air up to 300 PSI (20.7 Bar)
- There are many varieties of High Capacity Relief valves. We have access to a variety of other valves. If you are not seeing the exact specs you need, please email us what you are looking for
- Other connection sizes, seating options, caps available. Please email us with specs needed
- Due to the variety of valves, we cannot guarantee same day shipping. Most valves shown are built when ordered
- Please allow 7-14 days of build time before shipment
- The KNG570 series we are offering comes with a Female x Male NPT connection with a metal seat. The cap is a lift lever. It is ASME VIII certified for Air/Gas
- Please review chart for corresponding SCFM for each PSI size

KINGSTON 570 VALVES

MODEL	METALS	FLOW AREA	MIN TEMP	MAX TEMP	SERVICES	CERTIFICATIONS
KNG570	BRASS/BRONZE	0.125in ²	- 20°	406°	AIR / GAS STEAM	ASME VIII, CE, CRN

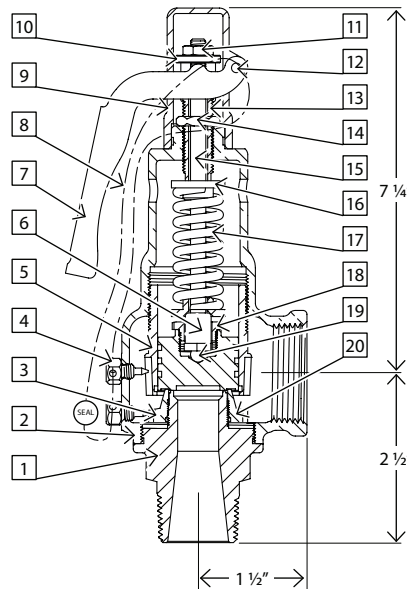
KNG 570 INLET & LIFT LEVER OPTIONS

ORIFICE	FLOW AREA (sq in)	INLET	OUTLET	DN	SIZE ID	A	B	D	WT (LBS)
D	0.125	1/2"	3/4"	15	C	7 1/4"	2 1/2"	1 1/2"	2.5
D	0.125	3/4"	3/4"	20	D	7 1/4"	2 1/2"	1 1/2"	2.5
E	0.221	3/4"	1"	20	D	7 5/8"	2 1/2"	1 5/8"	3
E	0.221	1"	1"	25	E	7 5/8"	2 1/2"	1 5/8"	3
F	0.352	1"	1 1/4"	25	E	8 7/8"	2 7/8"	1 3/4"	4
F	0.352	1 1/4"	1 1/4"	32	F	8 7/8"	2 7/8"	1 3/4"	4
G	0.567	1 1/4"	1 1/2"	32	F	9 1/2"	3 1/4"	2 1/4"	6
G	0.567	1 1/2"	1 1/2"	40	G	9 1/2"	3 1/4"	2 1/4"	6
H	0.899	1 1/2"	2"	40	G	11"	3 5/8"	2 1/2"	10
H	0.899	2"	2"	50	H	11"	3 5/8"	2 1/2"	10
J	1.463	2"	2 1/2"	50	H	12 5/8"	4"	3 1/8"	15
J	1.463	2 1/2"	2 1/2"	65	J	12 5/8"	4"	3 1/8"	15



SAFETY RELIEF VALVE INLET & LIFT LEVER OPTIONS

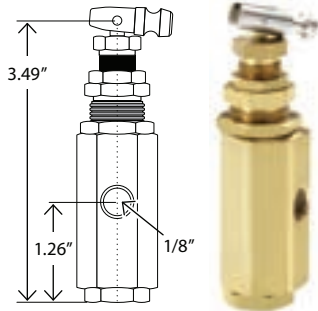
	DESCRIPTION	MODEL NUMBER
1	BODY	B16/B62-C83600
2	BONNET	B584-C84400
3	LOWER RING	B584-C84400
4	LOCK SCREW	B16 BRASS
5	UPPER RING	B584-C84400
6	SPRING SUPPORT	B16 BRASS
7	LIFT LEVER	STEEL/PLATED
8	SEAL WIRE	STEEL/GALVANIZED
9	HOOD	ALUMINUM/PLATED
10	LIFTER NUT	B16 BRASS
11	JAM NUT	18-8 SS
12	LEVER PIN	B16 BRASS
13	PRESSURE SCREW	B16 BRASS
14	LOCK NUT	B16 BRASS
15	STEM	B16 BRASS
16	SPRING PLATE	B16 BRASS
17	SPRING	302 / 17/7 SS
18	DISC NUT	B16 BRASS
19	BALL BEARING	440 SS
20	NAME PLATE	STAINLESS



MANUAL HAND UNLOADER PILOT VALVES

Conrader pilot valves are used on compressed air systems to control other devices using a pneumatic signal. The pilot valve is factory set in a pressure range with unload (cut-out) and load (cut-in) settings. As system pressure increases and unload (cut-out) pressure is achieved, the pilot valve opens and pressurizes the line downstream of the pilot. As system pressure decreases and load (cut-in) pressure is achieved, the pilot valve closes and depressurizes the line downstream of the pilot valve. The cyclic process can be used to operate the following: Throttle controls to regulate engine speed. Unloader valves to control a compressor. Drain valves to remove condensate from systems. Normally open/close valves. The manual hand unloader lever can be replaced with the dual control lockout for use on electric motor compressors to switch between start/stop & continuous operations.

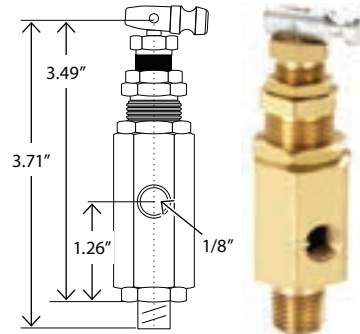
- Manual Hand Unloader
- Maximum Flow Capacity 20 SCFM @ 100 PSIG
- C360 Machined Brass Body
- 350°F Maximum Temperature
- Stainless Steel Pilot Valve Ball
- 250 PSI Max Operating Pressure
- 40 PSI Minimum Pressure



RCB-HU-PSI
1/4" FNPT INLET • 1/8" FNPT OUTLET

RCB-HU CURRENT STOCKING PSIs:

90-100	95-105	95-115	95-125
100-120	100-125	105-125	110-125
110-130	110-140	115-130	115-150
120-140	125-150	140-160	140-175

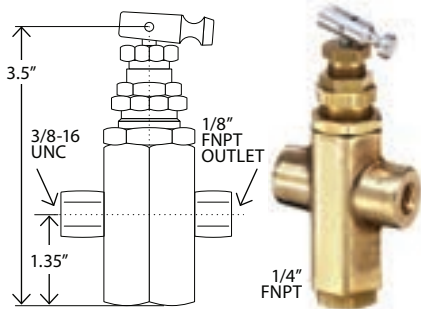


RCBM-HU-PSI

1/4" MNPT INLET • 1/8" FNPT OUTLET

RCBM-HU CURRENT STOCKING PSIs

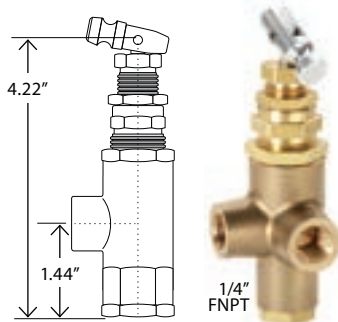
75-95	95-115	95-125	110-125	115-130
115-150	125-150	135-150	140-175	150-175



RCT-HU-PSI
1/4" FNPT INLET • 1/8" FNPT OUTLET
3/8-16 UNC MOUNTING BOSS

RCT-HU CURRENT STOCKING PSIs

30-40	95-115	95-125	100-120
115-135	115-155	120-140	140-160
140-175	160-175	215-250	



RCQ-HU-PSI
2 PORT OUTLET (FOR QUINCY)
1/4" FNPT INLET • 1/4" FNPT OUTLET

RCQ-HU CURRENT STOCKING PSIs

27-35	30-40	30-70	50-60
80-100	95-125	100-110	105-125
110-115	110-125	110-145	115-125
125-150	130-140	140-160	140-175
150-165	180-200	225-250	



RCLS-HU-PSI
3/8" FNPT INLET • 1/4" FNPT OUTLET
REMOVABLE SIDE MOUNT STRAINER

RCLS-HU CURRENT STOCKING PSIs

20-35	30-50	95-115	95-125
110-125	125-150	135-165	145-175
150-170	160-180	170-200	360-390

DUAL CONTROL ELECTRIC PILOT VALVES

- Dual Control Unloader
- Maximum Flow Capacity
20 SCFM @ 100 PSIG

- C360 Machined Brass Body
- 350°F Maximum Temperature
- Stainless Steel Pilot Valve Ball

- 250 PSI Max Operating Pressure
- 40 PSI Minimum Pressure



RCB-DC-PSI
1/4" FNPT INLET • 1/8" FNPT OUTLET

RCB-DC CURRENT STOCKING PSIs

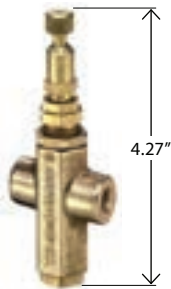
45-55	95-115	95-125	125-150	145-175
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RCBM-DC-PSI
1/4" MNPT INLET • 1/8" FNPT OUTLET

RCBM-DC CURRENT STOCKING PSIs

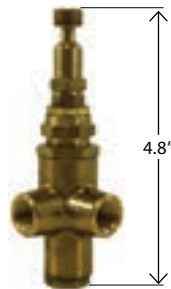
95-125	110-125	120-150	125-150	145-175
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RCT-DC-PSI
1/4" FNPT INLET • 1/8" FNPT OUTLET
3/8" -16 UNC MOUNTING BOSS

RCT-DC CURRENT STOCKING PSIs

95-125	110-125	125-150	145-175
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RCQ-DC-PSI
2 PORT OUTLET (FOR QUINCY)
1/4" FNPT INLET • 1/4" FNPT OUTLET

RCQ-DC CURRENT STOCKING PSIs

80-100	95-125	110-125	125-150	145-175
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RCLS-DC-PSI
3/8" FNPT INLET • 1/4" FNPT OUTLET
REMOVABLE SIDE MOUNT STRAINER

RCT-DC CURRENT STOCKING PSIs

95-125	125-150	145-175
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Conrader can make a wide variety of PSI ranges. If you're looking for a range not found in above tables, please email us.

MANUAL HAND UNLOADER VENTING PILOTED VALVES

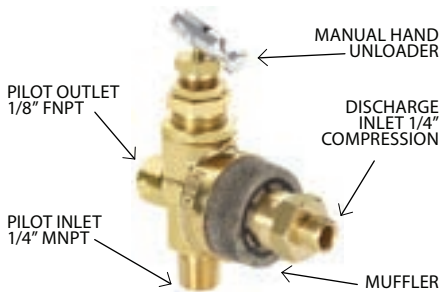
Conrader piloted unloader valves combine a pilot valve and an unloader valve to run an air compressor for continuous operation. This can be Used on gas engine or electric motor driven air compressors. Conrader offers two sizes of valves with flow capacities of 20 and 60 SCFM. In Operation, pilot remains closed until pressure reaches the unload setting. The pilot then opens & pressurizes the unloader valve. This causes the unloader valve to open and vent excess air from compressor to the atmosphere. As compressed air is used and pressure drops to load setting, pilot closes and depressurizes unloader valve. The unloader valve closes and pressure begins to build again and repeats the cycle

- Used on gas engine or electric motor driven air compressors
- Piloted unloader valves open when pressure reaches unload setting to vent excess air
- Unload set pressure range: 40-250 PSI
- When pressure drops to load setting, pilot closes & depressurizes the unloader valve
- Conrader offers two sizes of valves with flow capacities of 20 and 60 SCFM
- Maximum temperature: 400°F
- Brass body and fittings
- Silicone / Viton O-Rings
- Reinforced PTFE Poppets
- Stainless steel springs

BG SERIES

Maximum flow capacity 20 SCFM @ 100 PSI

BG1-M-PSI



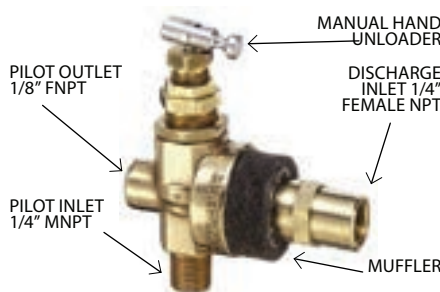
Total Height (Manual Unloader to Pilot Inlet) 3.35"
Total Width (Pilot Outlet to Unloader Inlet) 2.8"

DISCHARGE INLET	PILOT INLET	VENT	STEM
1/4" COMP	1/4" MNPT	DIRECT	HAND UNLOADER

BG1-M CURRENT STOCKING PSIs

95-115	95-125	110-130	110-135
115-130	115-135	120-150	125-150
130-150	140-160	140-175	

BG2-M-PSI



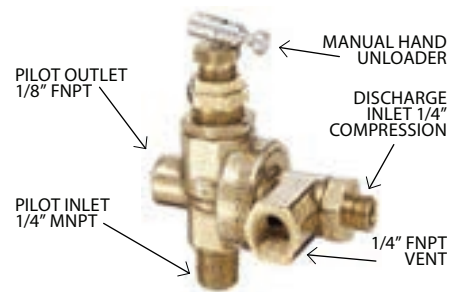
Total Height (Manual Unloader to Pilot Inlet) 3.35"
Total Width (Pilot Outlet to Unloader Inlet) 3.15"

DISCHARGE INLET	PILOT INLET	VENT	STEM
1/4" FNPT	1/4" MNPT	DIRECT	HAND UNLOADER

BG2-M CURRENT STOCKING PSIs

95-115	95-125	110-135
120-150	125-150	140-175

BG3-PSI



Total Height (Manual Unloader to Pilot Inlet) 3.35"
Total Width (Pilot Outlet to Unloader Inlet) 2.8"

DISCHARGE INLET	PILOT INLET	VENT	STEM
1/4" COMP	1/4" MNPT	1/4" FNPT	HAND UNLOADER

BG3 CURRENT STOCKING PSIs

95-125	140-175
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Conrader can make a wide variety of PSI ranges. If you're looking for a range not found in above tables, please email us.

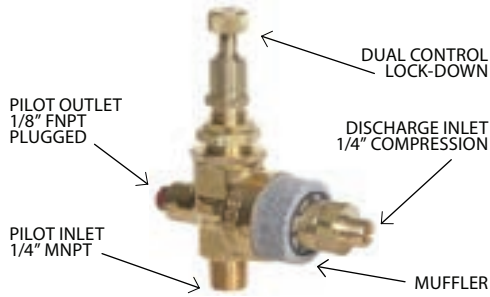
DUAL CONTROL VENTING PILOTED UNLOADER VALVES

- Used on gas engine or electric motor driven air compressors
- Piloted unloader valves open when pressure reaches unload setting to vent excess air
- Unload set pressure range: 40 - 250 PSI
- When pressure drops to load setting, pilot closes & depressurizes the unloader valve
- Conrader offers two sizes of valves with flow capacities of 20 and 60 SCFM
- Maximum temperature: 400°F
- Brass body and fittings
- Silicone / Viton O-Rings
- Reinforced PTFE Poppets
- Stainless steel springs

BDC SERIES

Maximum flow capacity 20 SCFM @ 100 PSI • Dual control lock-down

BDC1-M-PSI



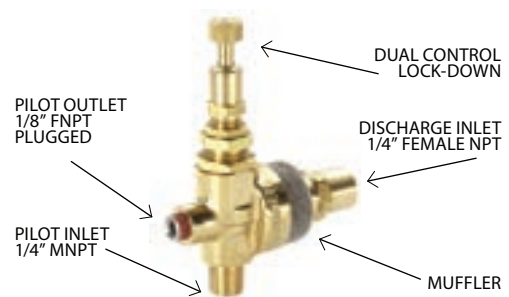
Total Height (Dual Control to Pilot Inlet) 4.18"
Total Width (Pilot Outlet to Unloader Inlet) 3.0"

DISCHARGE INLET	PILOT INLET	VENT	STEM
1/4" COMP	1/4" MNPT	DIRECT	DUAL CONTROL

BDC1-M CURRENT STOCKING PSIs

95-125	110-125	110-135	125-150	140-175
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BDC2-M-PSI



Total Height (Dual Control to Pilot Inlet) 4.18"
Total Width (Pilot Outlet to Unloader Inlet) 3.25"

DISCHARGE INLET	PILOT INLET	VENT	STEM
1/4" FNPT	1/4" MNPT	DIRECT	DUAL CONTROL

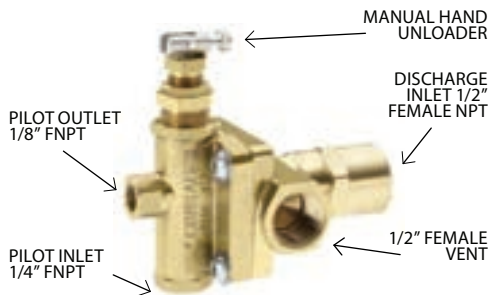
BDC2-M CURRENT STOCKING PSIs

95-115	95-125	110-135	140-175
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BLG SERIES

Maximum flow capacity 60 SCFM @ 100 PSI

BLG-PSI



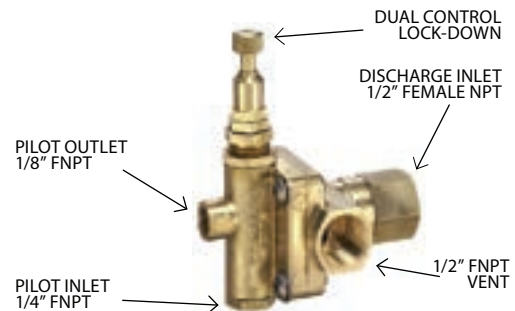
Total Height (Manual Unloader to Pilot Inlet) 3.75"
Total Width (Pilot Outlet to Unloader Inlet) 3.8"

DISCHARGE INLET	PILOT INLET	VENT	STEM
1/2" FNPT	1/4" FNPT	1/2" FNPT	HAND UNLOADER

BLG CURRENT STOCKING PSIs

95-125	115-130	140-175
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BLDC-PSI



Total Height (Dual Control to Pilot Inlet) 4.3"
Total Width (Pilot Outlet to Unloader Inlet) 4.05"

DISCHARGE INLET	PILOT INLET	VENT	STEM
1/2" FNPT	1/4" FNPT	1/2" FNPT	DUAL CONTROL

BLDC CURRENT STOCKING PSIs

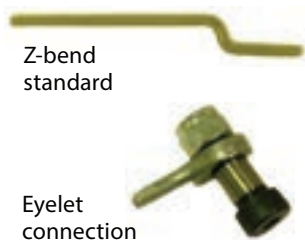
95-125	115-130	135-150	140-175
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THROTTLE CONTROLS (CABLE STYLE)

- Operating temperature: -15°F - 400°F
- Maximum operating pressure: 500 PSI
- Designed to control engine speed of gasoline & diesel engine driven compressors
- Throttle control maintains operational speed of engine until pressure signal is received
- It throttles down engine pressure until pressure signal is released
- Cable style throttle controls mounted directly to pilot valve
- Solid cable runs from throttle control to engine throttle arm
- Made in the USA

CABLE STYLE THROTTLE CONTROLS

MODEL	ENGINE HP	WIRE & CASING	SPRING FORCE	STROKE LENGTH	MIN PSI ACTUATION	INLET	AVAILABLE SIZES						
							12"	18"	24"	30"	36"	48"	60"
TCP	LESS THAN 8 HP	STANDARD	6.7 LBF	0.65"	80 PSI	1/8"	✓	✓	✓	✓	✓	✓	✓
TCP-E	LESS THAN 8 HP	EYELET END	6.7 LBF	0.65"	80 PSI	1/8"	✓	✓	—	✓	✓	✓	✓
TCI	LESS THAN 8 HP	STANDARD	6.7 LBF	0.65"	80 PSI	1/8"	✓	✓	—	✓	✓	✓	✓
TCLP	8-13 HP	THICKER	16.89 LBF	1"	80 PSI	1/8"	✓	✓	✓	✓	✓	✓	✓
TCLP-E	8-13 HP	EYELET END	16.89 LBF	1"	80 PSI	1/8"	✓	✓	—	✓	✓	✓	✓
TCLI	8-13 HP	THICKER	16.89 LBF	1"	80 PSI	1/8"	✓	✓	—	✓	✓	✓	✓
TCLPW	8-16 HP	EXTRA THICK	20.0 LBF	1"	100 PSI	1/8"	✓	✓	—	✓	✓	✓	✓
TCXLPW	GREATER THAN 13	EXTRA THICK	28.80 LBF	1"	100 PSI	1/8"	✓	✓	—	✓	✓	✓	✓



TCP • TCLP • TCLPW TCXLPW cable style



TCI • TCLI cable style

MODEL	DESCRIPTION
0750	BRIDGES/HONDA C-STYLE CLAMP
0751	CABLE CLAMP W/LOCKING TAB
0817	THREADED CASING CLAMP
4856	INSULATED CLAMP
0546	VANGUARD CONNECTION
3203	HONDA BUSHING WIRE • .44" DIA
4604	HONDA BUSHING WIRE • .67" DIA
9007	LARGE BRACKET
3807	SMALL BRACKET

THROTTLE CONTROLS (AIRLINE STYLE)

■ Designed to control engine speed of gasoline & diesel engine driven compressors

■ Airline style throttle controls are mounted directly onto engine

HONDA 4 HP

MODEL	DESCRIPTION
TCSA-3709	TCSA-H-40-SC



HONDA 5.5-6.5 HP

MODEL	DESCRIPTION
TCSA-7003	TCSA-H-5565S-SC



HONDA 5.5-6.5 HP

MODEL	DESCRIPTION
TCSA-3892	TCSA-H-5565-B



HONDA 8-9 HP

MODEL	DESCRIPTION
TCMA-4625	TCMA-H-8090-LB



HONDA 11-13 HP

MODEL	DESCRIPTION
TCMA-4651	TCMA-H-1113-LB



HONDA (GX390) 13 HP

MODEL	DESCRIPTION
TCMA-6704	TCMA-H-39-LB



KUBOTO 8-11 HP

MODEL	DESCRIPTION
TCMA-6503	TCMA-K-0811-HC-SC-NF



KOHLER 9.8 HP

MODEL	DESCRIPTION
TCSA-6927	TCSA-KD420



KOHLER 14 HP

MODEL	DESCRIPTION
TCXLWP-7473	TCXLWP-.625T-3.13-IC



KOHLER 18 HP

MODEL	DESCRIPTION
TCXLIW-6931	TCXLIW-KDW702



KOHLER 9.1 HP

MODEL	DESCRIPTION
TCXSLAW-7303	TCXSLAW-500T-K440-NF



SUBARU / ROBIN • 4.5-6.5 HP

MODEL	DESCRIPTION
TCSA-4370	TCSA-R-564S-HC



SUBARU / ROBIN • 8-11 HP

MODEL	DESCRIPTION
TCMA-0811-M	



SUBARU / ROBIN • 7-14 HP

MODEL	DESCRIPTION
TCSA-6457	TCSA-R-14-SB



SUBARU / ROBIN • 7-14 HP

MODEL	DESCRIPTION
TCSA-7219	TCSA-SP170-SB



NEED HELP MATCHING UP THE CORRECT UNLOADER?

- 1 Send a picture of valve next to ruler/tape measure to orders@controlsandcomponents.com or text: 678-986-0346
- 2 Include the air compressor OEM in addition to the OEM part number, if available
- 3 Please let us know the On/Off pressure range of the machine. For Example: 140-175



NPT TOP INLET (30 SCFM)

MODEL	INLET	OUTLET
NG1-M-PSI	1/2" FNPT	1/2" FNPT
NG5-M-PSI	1/2" FNPT	1/2" MNPT
NG21-M-PSI	1/2" FNPT	3/8" MNPT
NG23-M-PSI	3/8" MNPT	1/2" MNPT
NG25-M-PSI	3/8" MNPT	1/2" FNPT
NG26-M-PSI	1/2" MNPT	1/2" TUBE
NG30-M-PSI	3/8" FNPT	3/8" MNPT
NG37-M-PSI	3/4" FNPT	3/4" MNPT
NG41-M-PSI	3/4" FNPT	3/4" FNPT
NG51-M-PSI	1/4" FNPT	1/4" FNPT
NG55-M-PSI	3/4" FNPT	1/2" FNPT

Available PSI: 95-125, 125-150, 140-175

- Each Valve includes vent & muffler, manual hand unloader & throttle control port
- Top Inlet is In-line with the bottom outlet



NPT SIDE INLET (30 SCFM)

MODEL	INLET	OUTLET
NG2-M-PSI	1/2" FNPT	1/2" FNPT
NG6-M-PSI	1/2" FNPT	1/2" MNPT
NG22-M-PSI	1/4" FNPT	1/4" MNPT
NG24-M-PSI	3/8" MNPT	1/2" MNPT
NG27-M-PSI	3/8" MNPT	3/8" MNPT
NG32-M-PSI	3/8" FNPT	3/8" MNPT
NG36-M-PSI	3/8" MNPT	1/2" MNPT
NG39-M-PSI	3/4" FNPT	3/4" FNPT
NG57-M-PSI	1/2" FNPT	1/4" FNPT
NG58-M-PSI	1/2" FNPT	3/4" FNPT
NG59-M-PSI	3/4" FNPT	1/2" FNPT

Available PSI: 95-125, 125-150, 140-175

- Side Inlet is offset 90° from the bottom outlet
- Each valve includes vent & muffler, manual hand unloader & throttle control port



COMPRESSION TOP INLET (30 SCFM)

MODEL	INLET	OUTLET
NG3-M-PSI	1/2" TUBE	1/2" FNPT
NG7-M-PSI	1/2" TUBE	1/2" MNPT
NG9-M-PSI	5/8" TUBE	1/2" FNPT
NG11-M-PSI	5/8" TUBE	1/2" MNPT
NG17-M-PSI	3/4" TUBE	1/2" FNPT
NG19-M-PSI	3/4" TUBE	1/2" MNPT
NG28-M-PSI	1/2" TUBE	3/4" MNPT
NG33-M-PSI	3/8" TUBE	1/2" MNPT
NG40-M-PSI	3/4" TUBE	3/4" MNPT
NG43-M-PSI	1/2" TUBE	3/8" MNPT
NG44-M-PSI	3/4" TUBE	3/4" FNPT

Available PSI: 95-125, 125-150, 140-175

- Each Valve includes vent & muffler, manual hand unloader & throttle control port
- Top Inlet is In-line with the bottom outlet



COMPRESSION SIDE INLET (30 SCFM)

MODEL	INLET	OUTLET
NG4-M-PSI	1/2" TUBE	1/2" FNPT
NG8-M-PSI	1/2" TUBE	1/2" MNPT
NG10-M-PSI	5/8" TUBE	1/2" FNPT
NG12-M-PSI	5/8" TUBE	1/2" MNPT
NG18-M-PSI	3/4" TUBE	1/2" FNPT
NG20-M-PSI	3/4" TUBE	1/2" MNPT
NG31-M-PSI	1/2" TUBE	3/4" MNPT
NG34-M-PSI	1/2" TUBE	3/8" MNPT
NG35-M-PSI	3/8" TUBE	3/8" MNPT
NG52-M-PSI	1/2" TUBE	3/4" MNPT
NG60-M-PSI	3/4" TUBE	3/4" FNPT
NG61-M-PSI	3/4" TUBE	3/4" MNPT

Available PSI: 95-125, 125-150, 140-175

- Side Inlet is offset 90° from bottom outlet
- Each valve includes vent & muffler, manual hand unloader & throttle control port

NG VALVE INLET PORT KITS

Replace or repair your existing NG Valve port kit. Port kits are very easy to replace with a standard pipe wrench.

Top inlet kits only work on NG valve top inlets.

Side inlet kits only work on NG valve side inlets.

NPT TOP INLET

0127-TOP	1/8" FNPT
0128-TOP	1/4" FNPT
0228-TOP	3/8" MNPT
3162-TOP	3/8" FNPT
0004-TOP	1/2" MNPT
0006-TOP	1/2" FNPT
4578-TOP	3/4" MNPT
4577-TOP	3/4" FNPT

NPT SIDE INLET

0127-SIDE	1/8" FNPT
0128-SIDE	1/4" FNPT
0228-SIDE	3/8" MNPT
3162-SIDE	3/8" FNPT
0004-SIDE	1/2" MNPT
0006-SIDE	1/2" FNPT
4578-SIDE	3/4" MNPT
4577-SIDE	3/4" FNPT

COMPRESSION TOP INLET

3365-TOP	3/8" TUBE
0003-TOP	1/2" TUBE
0096-TOP	5/8" TUBE
0097-TOP	3/4" TUBE

COMPRESSION SIDE INLET

3365-SIDE	3/8" TUBE
0003-SIDE	1/2" TUBE
0096-SIDE	5/8" TUBE
0097-SIDE	3/4" TUBE

INVERTED FLARE TOP INLET

4488-TOP	1/2" INV FLARE
0008-TOP	5/8" INV FLARE

INVERTED FLARE SIDE INLET

4488-SIDE	1/2" INV FLARE
0008-SIDE	5/8" INV FLARE

45° SAE MALE FLARE TOP

4569-TOP	1/2" SAE FLARE
6614-TOP	3/4" SAE FLARE

37° JIC MALE FLARE TOP

5719-TOP	1/2" JIC FLARE
6670-TOP	3/4" JIC FLARE

Service Technician Tip:

By stocking the NG1 and NG2 along with a variety of Top and Side port kits on your service truck will ensure you get your customer back up and running even sooner.

NG Valve port kits are very inexpensive and extremely simple to repair and replace. With the right assortment of port kits, you can replace an OEM valve you come across.



INVERTED FLARE TOP INLET (30 SCFM)

MODEL	INLET	OUTLET
NG13-M-PSI	5/8" INVERTED FLARE	1/2" FNPT
NG15-M-PSI	5/8" INVERTED FLARE	1/2" MNPT
NG45-M-PSI	5/8" INVERTED FLARE	3/8" FNPT
NG46-M-PSI	5/8" INVERTED FLARE	3/8" MNPT
NG47-M-PSI	1/2" INVERTED FLARE	1/2" MNPT
NG48-M-PSI	1/2" INVERTED FLARE	1/2" FNPT

ADD PSI RANGE when ordering: **95-125, 125-150, 140-175**

- Top inlet is In-line with the bottom outlet
- Each Valve includes vent and muffler, manual hand unloader & throttle control port



INVERTED FLARE SIDE INLET (30 SCFM)

MODEL	INLET	OUTLET
NG14-M-PSI	5/8" INVERTED FLARE	1/2" FNPT
NG16-M-PSI	5/8" INVERTED FLARE	1/2" MNPT
NG62-M-PSI	1/2" INVERTED FLARE	1/2" FNPT
NG64-M-PSI	1/2" INVERTED FLARE	1/2" MNPT

ADD PSI RANGE when ordering: **95-125, 125-150, 140-175**

- Side Inlet is offset 90° from the bottom outlet
- Each Valve includes vent and muffler, manual hand unloader & throttle control port

OTHER REPLACEMENT UNLOADERS (30 SCFM)

MODEL	INLET	OUTLET
NG69-M-PSI	(SIDE) 1/2" (-8) SAE 45° FLARE	1/2" MNPT
NG38-M-PSI	(TOP) 3/4" FEMALE BSPT	3/4" BSPT
NG66-M-PSI	OPEN, INLET NOT INSTALLED	1/2" FNPT
NG67-M-PSI	OPEN, INLET NOT INSTALLED	1/2" MNPT

ADD PSI RANGE when ordering: **95-125, 125-150, 140-175**



MALE FLARE TOP INLET (30 SCFM)

MODEL	INLET	OUTLET
NG42-M-PSI	5/8" (-10) JIS 40° FLARE	3/8" MNPT
NG49-M-PSI	1/2" (-8) JIC 37° FLARE	1/2" MNPT
NG50-M-PSI	1/2" (-8) JIC 37° FLARE	3/8" MNPT
NG53-M-PSI	1/2" (-8) JIC 37° FLARE	1/2" MNPT (EXTENDED)
NG54-M-PSI	1/2" (-8) SAE 45° FLARE	1/2" FNPT
NG56-M-PSI	1/2" (-8) SAE 45° FLARE	1/2" BSPT
NG63-M-PSI	1/2" (-8) SAE 45° FLARE	3/8" MNPT
NG65-M-PSI	5/8" (-10) JIS 40° FLARE	1/2" BSPT MALE
NG68-M-PSI	3/4" (-12) SAE 45° FLARE	3/4" MNPT
NG70-M-PSI	3/4" (-12) SAE 45° FLARE	1/2" MNPT

ADD PSI RANGE when ordering: **95-125, 125-150, 140-175**

- Top inlet is In-line with the bottom outlet
- Each Valve includes vent and muffler, manual hand unloader & throttle control port

POPULAR OEM REPLACEMENT UNLOADERS

MODEL	OEM PART NUMBER
NG20-M-SU4-14-SST	ATLAS COPCO 1312100497
NRO-5530	CAMPBELL HAUSFELD 128400AV
NSG7-M 95-125	CAMPBELL HAUSFELD 128410AV
NSG17-M 140-175	CAMPBELL HAUSFELD ST128408AV
NSG18-M 95-125	CAMPBELL HAUSFELD ST128413AV
NSG19-M 95-125	CAMPBELL HAUSFELD ST128415AV
NG42-M 110-140-HITACHI	HITACHI 885426 / EC2510E
NG13-M-P1 145-175	I/R 49816283C • 1/8" SIDE PORT
NG13-M-P2 145-175	I/R 49816283C • 1/4" SIDE PORT
NG16-M-P1 145-175	INGERSOLL RAND 32262867
NG47-M-P2 110-135	INGERSOLL RAND 56288756
NSG19-M 105-135	MAKITA MK-LMV100F
NG29-M 140-175	MI-T-M 22-0270
NSG13-M 95-125	MI-T-M 22-0346
NSG3-M-NF1-P1 110-125	QUINCY Y 112711
NG2-M-P2 100-125	QUINCY Y 1151M-150
NG29-M 140-175	ROLAIR 131CVT
BG1-M 95-125	ROLAIR 131B • 95-125
NG29-M 110-160	THOMAS 638835
NSG19-M 110-145	RIDGID 18063

⚠ WARNING: This product can expose you to chemicals, including Lead. For more information, visit www.P65Warnings.ca.gov

PHONE: 888-393-7152 • orders@controlsandcomponents.com • TEXT: 678-986-0346

NEED HELP MATCHING UP THE CORRECT UNLOADER?

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- 2 Include the air compressor OEM in addition to the OEM part number, if available
- 3 Please let us know the On/Off pressure range of the machine. For Example: 140-175



(NPT) NATIONAL PIPE THREAD TOP INLET (20 SCFM)

MODEL	INLET	OUTLET
NSG1-M-PSI	1/2" FNPT	1/2" FNPT
NSG5-M-PSI	1/2" FNPT	1/2" MNPT
NSG9-M-PSI	3/8" FNPT	1/2" FNPT
NSG13-M-PSI	3/8" FNPT	1/2" MNPT
NSG36-M-PSI	1/4" FNPT	3/8" MNPT
NSG37-M-PSI	3/8" FNPT	3/8" MNPT
NSG39-M-PSI	3/8" MNPT	3/8" FNPT
NSG48-M-PSI	3/8" MNPT	3/8" MNPT
NSG49-M-PSI	1/4" FNPT	1/4" MNPT

ADD PSI RANGE when ordering: 95-125, 125-150, 140-175

- Top inlet is In-line with bottom outlet
- Each Valve includes vent and muffler, manual hand unloader & throttle control port



COMPRESSION (TUBE) TOP INLET (20 SCFM)

MODEL	INLET	OUTLET
NSG3-M-PSI	1/2" TUBE	1/2" FNPT
NSG7-M-PSI	1/2" TUBE	1/2" MNPT
NSG11-M-PSI	3/8" TUBE	1/2" FNPT
NSG15-M-PSI	3/8" TUBE	1/2" MNPT
NSG17-M-PSI	5/8" TUBE	1/2" MNPT
NSG21-M-PSI	1/2" TUBE	P/N 4566
NSG24-M-PSI	1/2" TUBE	1/4" MNPT
NSG25-M-PSI	5/8" TUBE	1/4" FNPT
NSG26-M-PSI	5/8" TUBE	3/8" MNPT
NSG27-M-PSI	3/4" TUBE	1/2" MNPT
NSG28-M-PSI	3/4" TUBE	1/2" FNPT
NSG38-M-PSI	3/8" TUBE	3/8" MNPT
NSG53-M-PSI	1/2" TUBE	1/2" BSPT
NSG55-M-PSI	3/4" TUBE	3/4" MNPT

ADD PSI RANGE when ordering: 95-125, 125-150, 140-175



(NPT) NATIONAL PIPE THREAD SIDE INLET (20 SCFM)

MODEL	INLET	OUTLET
NSG2-M-PSI	1/2" FNPT	1/2" FNPT
NSG6-M-PSI	1/2" FNPT	1/2" MNPT
NSG10-M-PSI	3/8" FNPT	1/2" FNPT
NSG14-M-PSI	3/8" FNPT	1/2" MNPT
NSG41-M-PSI	1/2" FNPT	1/4" FNPT
NSG50-M-PSI	3/8" FNPT	3/8" MNPT
NSG52-M-PSI	1/4" FNPT	1/4" FNPT

ADD PSI RANGE when ordering: 95-125, 125-150, 140-175

- Side inlet is Offset 90° from bottom outlet
- Each Valve includes vent and muffler, manual hand unloader & throttle control port



COMPRESSION (TUBE)SIDE INLET (20 SCFM)

MODEL	INLET	OUTLET
NSG4-M-PSI	1/2" TUBE	1/2" FNPT
NSG8-M-PSI	1/2" TUBE	1/2" MNPT
NSG12-M-PSI	3/8" TUBE	1/2" FNPT
NSG16-M-PSI	3/8" TUBE	1/2" MNPT
NSG22-M-PSI	1/2" TUBE	3/4" MNPT
NSG40-M-PSI	1/2" TUBE	3/8" MNPT
NSG42-M-PSI	5/8" TUBE	3/8" FNPT
NSG43-M-PSI	5/8" TUBE	3/8" MNPT
NSG45-M-PSI	5/8" TUBE	1/2" MNPT

ADD PSI RANGE when ordering: 95-125, 140-175

- Side inlet is Offset 90° from bottom outlet
- Each valve includes muffler & manual hand unloader
- To properly determine your compression thread size, simply measure the outside diameter of your copper tubing



INVERTED FLARE TOP INLET (20 SCFM)

MODEL	INLET	OUTLET
NSG20-M-PSI	1/2" INVERTED FLARE	1/2" MNPT
NSG29-M-PSI	5/8" INVERTED FLARE	1/2" MNPT
NSG30-M-PSI	5/8" INVERTED FLARE	1/2" FNPT
NSG31-M-PSI	1/2" INVERTED FLARE	1/2" FNPT
NSG32-M-PSI	1/2" INVERTED FLARE	3/8" FNPT

ADD PSI RANGE when ordering: **95-125, 140-175**

- Top inlet is in-line with bottom outlet
- Each valve includes muffler & manual hand unloader



MALE FLARE TOP INLET (20 SCFM)

MODEL	INLET	OUTLET
NSG19-M-PSI	1/2" (-8) SAE 45° FLARE	1/2" MNPT
NSG33-M-PSI	1/2" (-8) JIC 37° FLARE	1/2" MNPT
NSG34-M-PSI	1/2" (-8) JIC 37° FLARE	1/2" FNPT
NSG35-M-PSI	1/2" (-8) JIC 37° FLARE	3/8" MNPT
NSG51-M-PSI	1/2" (-8) SAE 45° FLARE	1/2" FNPT

ADD PSI RANGE when ordering: **95-125, 140-175**

- Top inlet is in-line with bottom outlet
- Each valve includes muffler & manual hand unloader

OTHER REPLACEMENT UNLOADERS (20 SCFM)

MODEL	INLET	OUTLET
NSG18-M-PSI	1/2" TUBELOK TOP	1/2" MNPT
NSG23-M-PSI	1/4" FNPT TOP & 1/2" TUBE SIDE	1/2" MNPT
NSG46-M-PSI	OPEN, INLET NOT INSTALLED	1/2" FNPT
NSG47-M-PSI	OPEN, INLET NOT INSTALLED	1/2" MNPT
NSG54-M-PSI	1/2" BSPT FEMALE TOP	1/2" BSPT MALE
NSG56-M-PSI	1/2" BSPT MALE TOP	1/2" BSPT MALE

ADD PSI RANGE when ordering: **95-125, 140-175**



NPT TOP INLET (60 SCFM)

MODEL	INLET	OUTLET
NLG1-M-PSI	3/4" FNPT	3/4" FNPT
NLG4-M-PSI	1" FNPT	3/4" FNPT
NLG6-M-PSI	3/4" FNPT	3/4" MNPT
NLG9-M-PSI	1" FNPT	3/4" MNPT
NLG11-M-PSI	3/4" FNPT	1" FNPT
NLG14-M-PSI	1" FNPT	1" FNPT
NLG16-M-PSI	3/4" FNPT	1" MNPT
NLG19-M-PSI	1" FNPT	1" MNPT
NLG20-M-PSI	1 1/4" FNPT	1 1/4" FNPT

ADD PSI RANGE when ordering: **95-125, 140-175**

- Top inlet is in-line with bottom outlet
- Each valve includes muffler & manual hand unloader

COMPRESSION (TUBE) TOP INLET (60 SCFM)

MODEL	INLET	OUTLET
NLG2-M-PSI	3/4" TUBE	3/4" FNPT
NLG7-M-PSI	3/4" TUBE	3/4" MNPT
NLG12-M-PSI	3/4" TUBE	1" FNPT
NLG17-M-PSI	3/4" TUBE	1" MNPT

ADD PSI RANGE when ordering: **95-125, 140-175**

- Top inlet is in-line with bottom outlet
- Each valve includes muffler & manual hand unloader


INVERTED FLARE TOP INLET (60 SCFM)

MODEL	INLET	OUTLET
NLG3-M-PSI	3/4" INVERTED FLARE	3/4" FNPT
NLG8-M-PSI	3/4" INVERTED FLARE	3/4" MNPT
NLG13-M-PSI	3/4" INVERTED FLARE	1" FNPT
NLG18-M-PSI	3/4" INVERTED FLARE	1" MNPT

ADD PSI RANGE when ordering: **95-125, 140-175**


- Top inlet is in-line with bottom outlet
- Each valve includes muffler & manual hand unloader

CONRADER UNLOADER PILOT VALVES


	MODEL	DESCRIPTION	INLET	OUTLET	PSI RANGE	CFM
	NRO-5530	NON ADJUSTABLE PILOT REPLACES C/H 128400AV	1/2" MALE FLARE	1/2" MNPT	120 - 150	10
	NRO-650-H	ADJUSTABLE PILOT	1/2" MALE FLARE	1/2" MNPT	120 - 150	10
	NRP-6341	REPLACES GRAINGER	1/2" COMPRESSION	3/8" FNPT	110 - 125	14
	NRP-6342	REPLACES TITAN	1/2" COMPRESSION	3/8" MNPT	95 - 125	14
	NRP-6508	REPLACES WOOD	1/2" MALE FLARE	1/2" MNPT	105 - 135	14
NRP-6514	REPLACES MI-T-M		3/8" FNPT	1/2" MNPT	95 - 125	14

- Conrader unloader valves are a normally closed valve that opens when the signal port is pressurized
- Conrader offers two sizes of valves with flow capacities of 20 and 60 CFM


CONRADER DISCHARGE VALVES

	MODEL	UNLOADER INLET	UNLOADER OUTLET	SIGNAL INLET
	D	1/8" MNPT	1/4" FNPT	1/8" FNPT
	D1-M	1/4" COMPRESSION	UNLOADER MUFFLER	1/8" FNPT
	D2-M	1/4" FNPT	UNLOADER MUFFLER	1/8" FNPT
	D3	1/4" COMPRESSION	1/4" FNPT	1/8" FNPT
	D4	1/4" FNPT	1/4" FNPT	1/8" FNPT
	D5	1/4" FNPT	1/4" FNPT	1/4" MNPT
	D6-M	1/8" MNPT	UNLOADER MUFFLER	1/8" FNPT
	D7-M	1/4" MNPT	UNLOADER MUFFLER	1/8" FNPT
	D8-M	1/4" MNPT	1/4" FNPT W/MUFFLER	1/8" FNPT
	D9-M	3/8" COMPRESSION	UNLOADER MUFFLER	1/8" FNPT
	DL	1/2" FNPT	1/2" FNPT	1/4" FNPT


STEEL HIGH FLOW MUFFLERS

	MODEL	MNPT
	HF-MUFF-18-373	1/8"
	HF-MUFF-14-374	1/4"
	HF-MUFF-38-375	3/8"
	HF-MUFF-12-376	1/2"
HF-MUFF-34-377	3/4"	

BRONZE SINTERED MUFFLER

	MODEL	MNPT
	MUFF-18-021	1/8"
	MUFF-14-022	1/4"
	MUFF-38-023	3/8"
	MUFF-12-024	1/2"
	MUFF-34-026	3/4"
MUFF-1-028	1"	

BRASS BREATHER VENT

	MODEL	MNPT
	VENT-18-001	1/8"
	VENT-14-002	1/4"
	VENT-38-003	3/8"
	VENT-12-004	1/2"
	VENT-34-006	3/4"
VENT-1-008	1"	

⚠ WARNING: This product can expose you to chemicals, including Lead. For more information, visit www.P65Warnings.ca.gov

PHONE: 888-393-7152 • orders@controlsandcomponents.com • TEXT: 678-986-0346

- Designed for compressed air applications where overpressure protection is needed & ASME valve is not required
- Non-code safety valves are adjustable within limits of supplied spring
- Consider system capacity, cubic feet of air per minute (CFM), operating pressure, temperature, environmental conditions & potential hazards when choosing size

NON-CODE ADJUSTABLE SAFETY RELIEF VALVES

MODEL	NPT	PSI RANGE
CNC25-25-50	1/4"	25-50
CNC25-51-100	1/4"	51-100
CNC25-101-150	1/4"	101-150
CNC25-151-200	1/4"	151-200
CNC25-KIT	1/4"	4 SPRING KIT



CNC25 KIT

NON-CODE VACUUM RELIEF VALVES

MODEL	NPT	HG	HP MAX
CVR25	1/4"	0-27	1/4
CVR38	3/8"	0-27	1
CVR50	1/2"	0-27	2
CVR75	3/4"	0-27	3
CVR1	1"	0-27	5



REPAIR KITS FOR CTL IN-TANK CHECK VALVES

MODEL	REPAIR KIT
RK-CTL12	CTL12 SERIES
RK-CTL34	CTL34 SERIES
RK-CTL1	CTL1 SERIES
RK-CTL114	CTL114 SERIES
RK-CTL112	CTL112 SERIES

NON-CODE PRESSURE RELIEF VALVES

MODEL	NPT	ADD PSI SUFFIX TO MODEL #			
CPR25-PSI	1/4"	0-20	10-60	50-100	100-200
CPR38-PSI	3/8"	0-20	10-60	50-100	100-200
CPR50-PSI	1/2"	0-20	10-60	50-100	100-200
CPT75-PSI	3/4"	0-20	10-60	50-100	100-200
CPR1-PSI	1"	0-20	10-60	50-100	100-200

Please **ADD PSI RANGE** when ordering

REBUILD KITS FOR UNLOADER VALVES

MODEL	REBUILD KIT
RK-RCB	RCB & RCT PILOT VALVES
RK-RCL	RCL PILOT VALVES
RK-RCL-S	RCL-S PILOT VALVES
RK-D	D SERIES DISCHARGE VALVES
RK-DL	DL SERIES DISCHARGE VALVES
RK-B	B SERIES PILOTED UNLOADERS
RK-B-M	B SERIES PILOTED UNLOADER MUFFLERS
RK-BL	BL SERIES PILOTED UNLOADERS
RK-N	N SERIES DISCHARGE UNLOADERS
RK-NL	NL SERIES DISCHARGE UNLOADERS

REPAIR KITS FOR BRONZE INLINE CHECK VALVES

MODEL	REPAIR KIT
RK-GV38	GV38 CHECK VALVE
RK-GV12	GV12 CHECK VALVE
RK-GV34	GV34 CHECK VALVE
RK-GV1	GV1 CHECK VALVE
RK-GV114	GV114 CHECK VALVE
RK-GV112	GV112 CHECK VALVE

NG VALVE INLET PORT KITS

Replace or repair your existing NG Valve port kit. Port kits are very easy to replace with a standard pipe wrench.

Top inlet kits only work on NG valve top inlets.

Side inlet kits only work on NG valve side inlets.

NPT TOP INLET

0127-TOP	1/8" FNPT
0128-TOP	1/4" FNPT
0228-TOP	3/8" MNPT
3162-TOP	3/8" FNPT
0004-TOP	1/2" MNPT
0006-TOP	1/2" FNPT
4578-TOP	3/4" MNPT
4577-TOP	3/4" FNPT

NPT SIDE INLET

0127-SIDE	1/8" FNPT
0128-SIDE	1/4" FNPT
0228-SIDE	3/8" MNPT
3162-SIDE	3/8" FNPT
0004-SIDE	1/2" MNPT
0006-SIDE	1/2" FNPT
4578-SIDE	3/4" MNPT
4577-SIDE	3/4" FNPT

COMPRESSION TOP INLET

3365-TOP	3/8" TUBE
0003-TOP	1/2" TUBE
0096-TOP	5/8" TUBE
0097-TOP	3/4" TUBE

COMPRESSION SIDE INLET

3365-SIDE	3/8" TUBE
0003-SIDE	1/2" TUBE
0096-SIDE	5/8" TUBE
0097-SIDE	3/4" TUBE

INVERTED FLARE TOP INLET

4488-TOP	1/2" INV FLARE
0008-TOP	5/8" INV FLARE

INVERTED FLARE SIDE INLET

4488-SIDE	1/2" INV FLARE
0008-SIDE	5/8" INV FLARE

45° SAE MALE FLARE TOP

4569-TOP	1/2" SAE FLARE
6614-TOP	3/4" SAE FLARE

37° JIC MALE FLARE TOP

5719-TOP	1/2" JIC FLARE
6670-TOP	3/4" JIC FLARE

⚠ WARNING: This product can expose you to chemicals, including Lead. For more information, visit www.P65Warnings.ca.gov

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DRY GAUGES

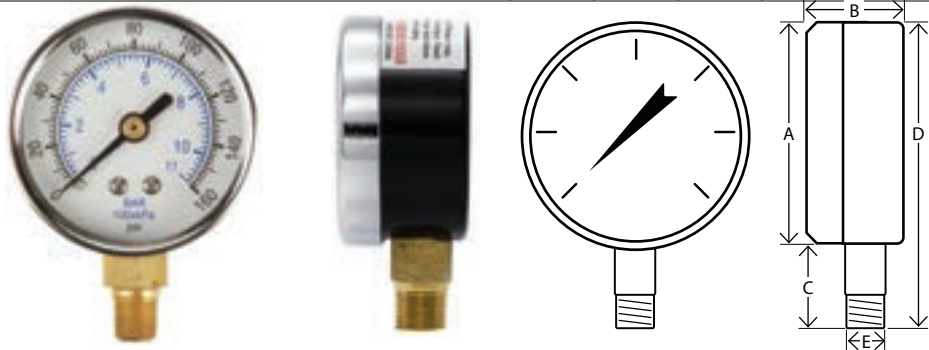
DRY PRESSURE GAUGE PSI CODES

PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE
A	30/0" HG	CE	30/0/100	C	0-30 PSI	G	0-200 PSI	K	0-600 PSI	O	0-2000 PSI
CB	30/0/15	CF	30/0/150	D	0-60 PSI	H	0-300 PSI	L	0-800 PSI	P	0-3000 PSI
CC	30/0/30	CH	30/0/300	E	0-100 PSI	I	0-400 PSI	M	0-1000 PSI	Q	0-4000 PSI
CD	30/0/60	B	0-15 PSI	F	0-160 PSI	J	0-500 PSI	N	0-1500 PSI	R	0-5000 PSI

LOWER MOUNT DRY PRESSURE GAUGE

MODEL	DIAL SIZE	CONNECTION	AVAILABLE PSI (ADD PSI CODE WHEN ORDERING)	A	B	C	D	E
101D-158-PSI	1 1/2"	1/8" MNPT	A • CC • B • C • D • E • F • G • H • K	1.64"	.93"	.65"	2.26"	1/8" NPT
101D-208-PSI	2"	1/8" MNPT	A • CC • CD • CE • CF • CH • B • C • D • E • F • G • H • I • K	2.07"	1.06"	.83"	2.83"	1/8" NPT
101D-204-PSI	2"	1/4" MNPT	A • CC • CD • CE • CF • CH • B • C • D • E • F • G • H • I • K • M • N • O • P	2.07"	1.06"	.83"	2.83"	1/4" NPT
101D-254-PSI	2 1/2"	1/4" MNPT	A • CB • CC • CD • CE • CF • CH • B • C • D • E • F • G • H • I • K • M • N • O • P • Q • R • S	2.5"	1.13"	.88"	3.31"	1/4" NPT
101D-354-PSI	3 1/2"	1/4" MNPT	A • CB • CC • CD • CE • CF • B • C • D • E • F • G • H • I • K • M • P • R	3.54"	1.12"	1.02"	4.49"	1/4" NPT
101D-454-PSI	4 1/2"	1/4" MNPT	A • B • C • D • E • F • G • H • I • K • M	4.79"	1.12"	1.10"	5.8"	1/4" NPT

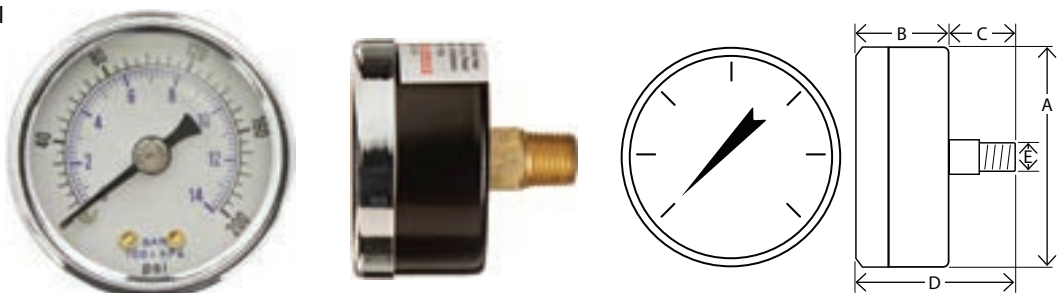
- For Industrial & Commercial applications
- Suitable for air, water, oil, gas, or other media not corrosive to brass
- Black steel case, chrome bezel, brass socket, plastic lens & phosphor bronze bourdon tube
- Accuracy temperature -50°F to 160°F



CENTER BACK MOUNT DRY PRESSURE GAUGE

MODEL	DIAL SIZE	CONNECTION	AVAILABLE PSI (ADD PSI CODE WHEN ORDERING)	A	B	C	D	E
102D-158-PSI	1 1/2"	1/8" MNPT	A • CC • B • C • D • E • F • G • H • I • K	1.64"	.93"	.63"	1.54"	1/8" NPT
102D-208-PSI	2"	1/8" MNPT	A • CC • CD • CE • CF • CH • B • C • D • E • F • G • H • K	2.07"	1.03"	.89"	1.9"	1/8" NPT
102D-204-PSI	2"	1/4" MNPT	A • CC • CD • CE • CF • CH • B • C • D • E • F • G • H • I • K • M	2.07"	1.03"	.89"	1.9"	1/4" NPT
102D-254-PSI	2 1/2"	1/4" MNPT	A • CC • CD • CE • CF • CH • B • C • D • E • F • G • H • I • K • M • O • P • R	2.5"	1.17"	.9"	1.97"	1/4" NPT
102D-354-PSI	3 1/2"	1/4" MNPT	A • C • D • E • F • G • H • I	3.49"	1.22"	.83"	2.02"	1/4" NPT
102D-454-PSI	4 1/2"	1/4" MNPT	C • D • E • F • G • H	4.5"	1.31"	.94"	2.18"	1/4" NPT

- For Industrial & Commercial applications
- Suitable for air, water, oil, gas, or other media not corrosive to brass
- Black steel case, chrome bezel, brass socket, plastic lens & phosphor bronze bourdon tube
- Accuracy temperature -50°F to 160°F



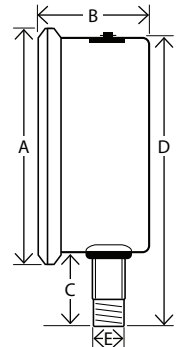
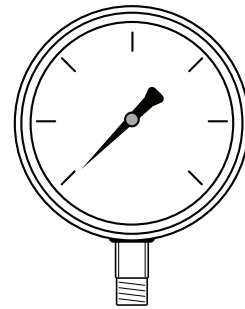
LIQUID FILLED PRESSURE GAUGE PSI CODES

PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE
A	30/0" HG	CF	30/0/150	D	0-60 PSI	I	0-400 PSI	N	0-1500 PSI	S	0-6000 PSI
CB	30/0/15	CG	30/0/200	E	0-100 PSI	J	0-500 PSI	O	0-2000 PSI	T	0-7500 PSI
CC	30/0/30	CH	30/0/300	F	0-160 PSI	K	0-600 PSI	P	0-3000 PSI	U	0-10000 PSI
CD	30/0/60	B	0-15 PSI	G	0-200 PSI	L	0-800 PSI	Q	0-4000 PSI	V	0-15000 PSI
CE	30/0/100	C	0-30 PSI	H	0-300 PSI	M	0-1000 PSI	R	0-5000 PSI	W	0-20000 PSI

LOWER MOUNT LIQUID / GLYCERIN FILLED PRESSURE GAUGE

MODEL	DIAL SIZE	CONNECTION	AVAILABLE PSI (ADD PSI CODE WHEN ORDERING)	A	B	C	D	E
201L-158-PSI	1 1/2"	1/8" MNPT	A • B • C • D • E • F • G • H • O • R	1.85"	1"	.67"	2.28"	1/8" NPT
201L-208-PSI	2"	1/8" MNPT	A • B • C • D • E • F • G • H • I • K • M • O • P • R	2.27"	1.2"	.91"	2.95"	1/8" NPT
201L-204-PSI	2"	1/4" MNPT	A • B • C • D • E • F • G • H • I • K • M • O • P • R • S	2.27"	1.2"	.91"	2.95"	1/4" NPT
201L-254-PSI	2 1/2"	1/4" MNPT	A • CB • CC • CD • CE • CF • CH • B • C • D • E • F • G • H • I • J • K • L • M • N • O • P • Q • R • S • T • U • V • W	2.65"	1.2"	.88"	3.3"	1/4" NPT
201L-404-PSI	4"	1/4" MNPT	A • CB • CC • CD • CE • CF • CH • B • C • D • E • F • G • H • I • J • K • M • N • O • P • R • S • U • V	4.29"	1.75"	1.17"	5.21"	1/4" NPT
201L-402-PSI	4"	1/2" MNPT	A • CC • CD • CE • B • C • D • E • F • G • H • I • J • K • M • N • O • P • R • S • U • V	4.29"	1.75"	1.17"	5.21"	1/2" NPT

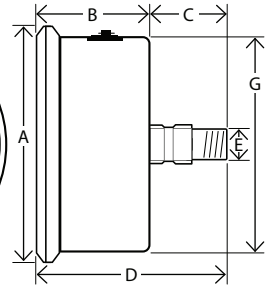
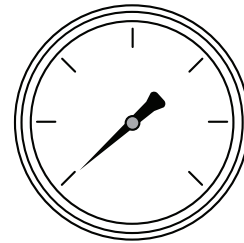
- Designed to dampen the effects caused by pulsation and vibration
- 1 to 1.5% accuracy
- Ambient temp 30°F to 160°F
- One piece body with plastic lens
- Stainless steel case & bezel
- Brass internals & connection
- Phosphor bourdon tube



CENTER BACK MOUNT LIQUID / GLYCERIN FILLED PRESSURE GAUGE

MODEL	DIAL SIZE	CONNECTION	AVAILABLE PSI (ADD PSI CODE WHEN ORDERING)	A	B	C	D	E	G
202L-158-PSI	1 1/2"	1/8" MNPT	A • B • C • D • E • F • G • H • K • M • O • P • R	1.85"	1.02"	.72"	1.74"	1/8" NPT	1.63"
202L-208-PSI	2"	1/8" MNPT	A • B • C • D • E • F • G • H • K • M • O • P • R	2.28"	1.18"	.94"	2.08"	1/8" NPT	2.05"
202L-204-PSI	2"	1/4" MNPT	A • CC • B • C • D • E • F • G • H • I • K • M • O • P • R • S	2.28"	1.18"	.94"	2.08"	1/4" NPT	2.05"
202L-254-PSI	2 1/2"	1/4" MNPT	A • CB • CC • CD • CE • CF • CG • CH • B • C • D • E • F • G • H • I • J • K • L • M • N • O • P • Q • R • S • T • U • V	2.65"	1.21"	.91"	2.09"	1/4" NPT	2.44"
202L-404-PSI	4"	1/4" MNPT	A • CC • CE • B • C • D • E • F • G • H • I • K • M • N • O • P • R • S • U • V	4.29"	1.78"	1.37"	3.15"	1/4" NPT	3.91"

- Designed to dampen the effects caused by pulsation and vibration
- 1 to 1.5% accuracy
- Ambient temp 30°F to 160°F
- One piece body with plastic lens
- Stainless steel case & bezel
- Brass internals and connection
- Phosphor bourdon tube



ADD A LOGO TO ANY GAUGE



CONTACT US FOR MORE DETAILS

U-CLAMP (PANEL MOUNTING)

MODEL	DIAL SIZE
UCLAMP-1.5	1 1/2"
UCLAMP-2	2"
UCLAMP-2.5	2 1/2"
UCLAMP-4	4"



- U-Clamps are only for liquid/glycerin filled back-mount gauges



U-CLAMP PANEL MOUNT GAUGES

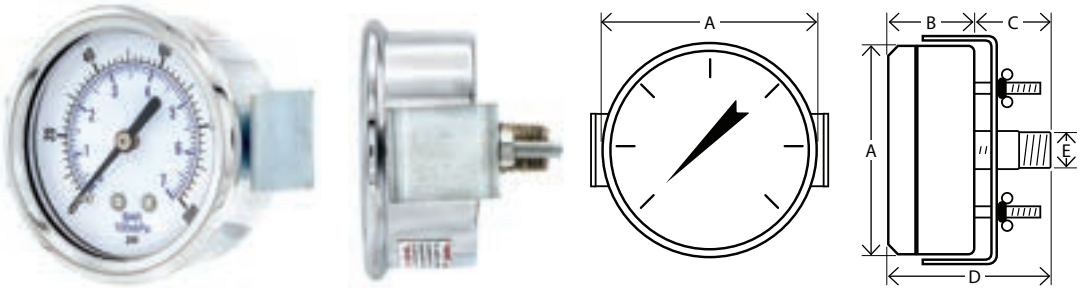
DRY PRESSURE GAUGE PSI CODES

PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE
A	30/0" HG	CE	30/0/100	C	0-30 PSI	G	0-200 PSI	K	0-600 PSI	O	0-2000 PSI
CB	30/0/15	CF	30/0/150	D	0-60 PSI	H	0-300 PSI	L	0-800 PSI	P	0-3000 PSI
CC	30/0/30	CH	30/0/300	E	0-100 PSI	I	0-400 PSI	M	0-1000 PSI	Q	0-4000 PSI
CD	30/0/60	B	0-15 PSI	F	0-160 PSI	J	0-500 PSI	N	0-1500 PSI	R	0-5000 PSI

U-CLAMP PANEL MOUNT DRY PRESSURE GAUGE

MODEL	DIAL SIZE	CONNECTION	AVAILABLE PSI (ADD CODE WHEN ORDERING)	A	B	C	D	E	G
103D-158-PSI	1 1/2"	1/8" MNPT	A • B • C • D • E • F • G • H	1.84"	1.03"	.63"	1.61"	1/8" NPT	1.61"
103D-208-PSI	2"	1/8" MNPT	A • B • C • D • E • F • G • H • M • P	2.31"	1.18"	.73"	1.84"	1/8" NPT	2.04"
103D-204-PSI	2"	1/4" MNPT	A • CC • CD • CE • B • C • D E • F • G • H • I • M • P	2.31"	1.18"	.73"	1.84"	1/4" NPT	2.04"
103D-254-PSI	2 1/2"	1/4" MNPT	A • CB • CC • CE • B • C • D E • F • G • H • I • K • M • P	2.68"	1.18"	.91"	2.09"	1/4" NPT	2.4"
103D-354-PSI	3 1/2"	1/4" MNPT	CB • CC • CD • CH • B • C • D E • F • G • H • I • K • M • P	3.98"	1.23"	.67"	2.02"	1/4" NPT	3.59"

- For Industrial and Commercial applications
- Suitable for air, water, oil, gas, or other media not corrosive to brass
- Black steel case, chrome bezel, brass socket, plastic lens & phosphor bronze bourdon tube
- Accuracy temperature -50°F to 160°F



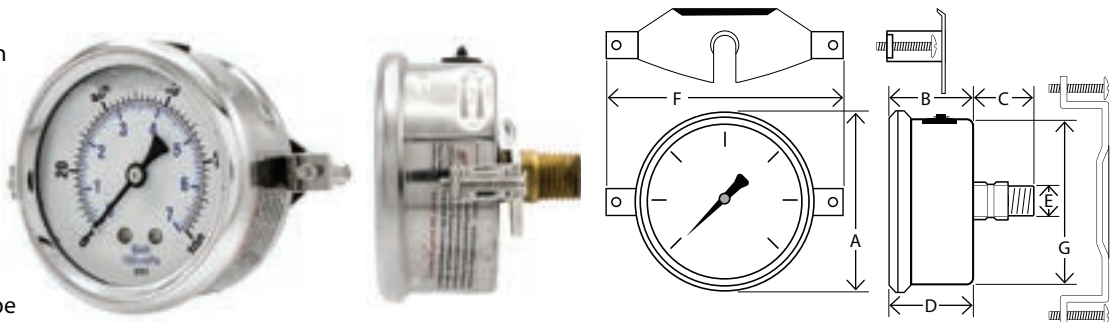
LIQUID FILLED PRESSURE GAUGE PSI CODES

PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE
A	30/0" HG	CF	30/0/150	E	0-100 PSI	J	0-500 PSI	O	0-2000 PSI	T	0-7500 PSI
CB	30/0/15	CH	30/0/300	F	0-160 PSI	K	0-600 PSI	P	0-3000 PSI	U	0-10000 PSI
CC	30/0/30	B	0-15 PSI	G	0-200 PSI	L	0-800 PSI	Q	0-4000 PSI	V	0-15000 PSI
CD	30/0/60	C	0-30 PSI	H	0-300 PSI	M	0-1000 PSI	R	0-5000 PSI	W	0-20000 PSI
CE	30/0/100	D	0-60 PSI	I	0-400 PSI	N	0-1500 PSI	S	0-6000 PSI		

U-CLAMP PANEL MOUNT LIQUID FILLED PRESSURE GAUGES

MODEL	DIAL SIZE	CONNECTION	AVAILABLE PSI (ADD CODE WHEN ORDERING)	A	B	C	D	E	F	G
203L-158-PSI	1 1/2"	1/8" MNPT	A • B • C • D • E • F • G H • K • M • O • P • R	1.85"	1.02"	0.72"	1.74"	1/8" NPT	2.75"	1.63"
203L-208-PSI	2"	1/8" MNPT	B • C • D • E • F • G • H • R	2.28"	1.18"	0.94"	2.08"	1/8" NPT	3.13"	2.05"
203L-204-PSI	2"	1/4" MNPT	A • CH • B • C • D • E • F • G • H • K • P	2.28"	1.18"	0.94"	2.08"	1/4" NPT	3.13"	2.05"
203L-254-PSI	2 1/2"	1/4" MNPT	A • CB • CC • CD • CE • CF • CH B • C • D • E • F • G • H • I • K M • N • O • P • Q • R • S • T • U	2.80"	1.34"	.94"	2.28"	1/4" NPT	3.84"	2.48"
203L-404-PSI	4"	1/4" MNPT	A • CC • CE • B • C • D • E • F • G H • I • K • M • N • O • P • R • U	4.29"	1.78"	1.37"	3.15"	1/4" NPT	5.60"	3.91"

- Designed to dampen the effects caused by pulsation and vibration
- 1 to 1.5% accuracy
- Ambient temp 30°F to 160°F
- One piece body with plastic lens
- Brass internals and connection
- Phosphor bourdon tube
- Stainless steel case & bezel



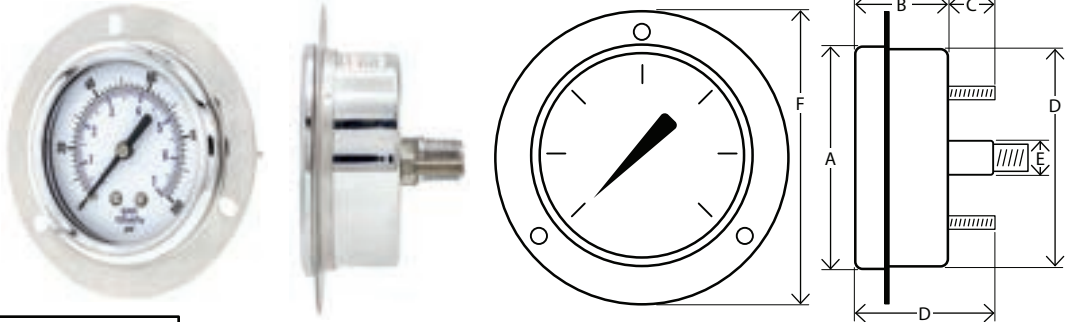
DRY PRESSURE GAUGE PSI CODES

PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE	PSI CODE	RANGE
A	30/0" HG	CE	30/0/100	C	0-30 PSI	G	0-200 PSI	K	0-600 PSI	O	0-2000 PSI
CB	30/0/15	CF	30/0/150	D	0-60 PSI	H	0-300 PSI	L	0-800 PSI	P	0-3000 PSI
CC	30/0/30	CH	30/0/300	E	0-100 PSI	I	0-400 PSI	M	0-1000 PSI	Q	0-4000 PSI
CD	30/0/60	B	0-15 PSI	F	0-160 PSI	J	0-500 PSI	N	0-1500 PSI	R	0-5000 PSI

FRONT FLANGE MOUNT DRY PRESSURE GAUGE

MODEL	DIAL SIZE	CONNECTION	AVAILABLE PSI (ADD CODE WHEN ORDERING)	A	B	C	D	E	F	G
104D-158-PSI	1 1/2"	1/8" MNPT	A • B • C • D • E • F • G • H	1.84"	1.03"	0.63"	1.61"	1/8" NPT	2.23"	1.61"
104D-208-PSI	2"	1/8" MNPT	E • F • G • H	2.31"	1.18"	0.73"	2.84"	1/8" NPT	2.81"	2.04"
104D-204-PSI	2"	1/4" MNPT	A • B • C • D • E • F • G • H	2.31"	1.18"	0.73"	2.84"	1/4" NPT	2.81"	2.04"
104D-254-PSI	2 1/2"	1/4" MNPT	C • D • E • F • G • H • I • K • P	2.68"	1.12"	0.76"	1.87"	1/4" NPT	3.47"	2.44"

- For Industrial and Commercial applications
- Suitable for air, water, oil, gas, or other media not corrosive to brass
- Black steel case, chrome bezel, brass socket, plastic lens & phosphor bronze bourdon tube
- Accuracy temperature -50°F to 160°F

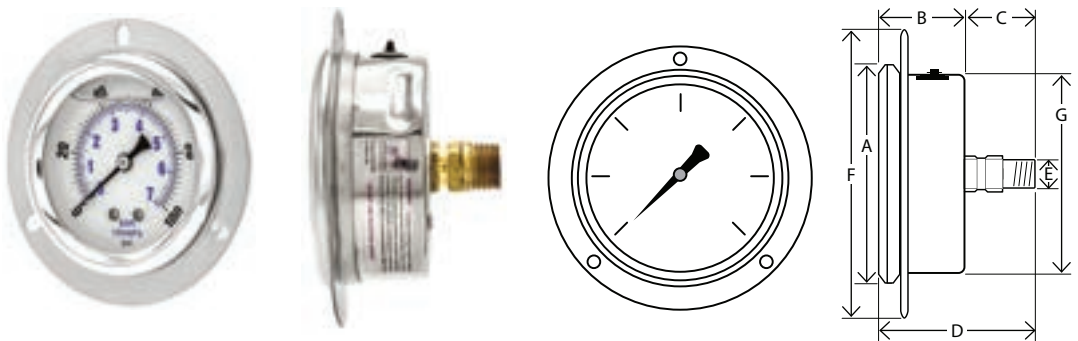


100% STAINLESS STEEL GAUGES AVAILABLE
CONTACT US FOR MORE INFORMATION

FRONT FLANGE MOUNT LIQUID PRESSURE GAUGES

MODEL	DIAL SIZE	CONNECTION	AVAILABLE PSI (ADD PSI CODE WHEN ORDERING)	A	B	C	D	E	F	G
204L-158-PSI	1 1/2"	1/8" MNPT	D • E • F • G • P	1.85"	1.02"	.72"	1.74"	1/8" NPT	2.46"	1.63"
204L-208-PSI	2"	1/8" MNPT	D • F • R	2.28"	1.18"	.94"	2.08"	1/8" NPT	2.81"	2.05"
204L-204-PSI	2"	1/4" MNPT	A • CC • B • C • E • F • G • H	2.28"	1.18"	.94"	2.08"	1/4" NPT	2.81"	2.05"
204L-254-PSI	2 1/2"	1/4" MNPT	A • CC • CD • CE • C • D • E • F • G • H • I • K • M • N • O • P • Q • R • S • T • U • V	2.65"	1.21"	.91"	2.12"	1/4" NPT	3.46"	2.44"
204L-404-PSI	4"	1/4" MNPT	A • CC • CE • B • C • D • E • F • G • H • I • K • M • N • O • P • R • S • U • V	4.29"	1.78"	1.37"	3.15"	1/4" NPT	5.14"	3.91"

- Designed to dampen the effects caused by pulsation and vibration
- 1 to 1.5% accuracy
- Ambient temp 30°F to 160°F
- One piece body with plastic lens
- Brass internals and connection
- Phosphor bourdon tube
- Stainless steel case & bezel



THE #1 RULE FOR COMPRESSED AIR:

For Every 20°F that Compressed Air is Cooled, the Air Loses 50% of its ability to hold moisture in Vapor Form (Humidity)

UNDERSTANDING AIR DRYING AND AIR FILTRATION • THERE IS A DIFFERENCE!

AIR DRYING:

The Removal of Water Vapor (Humidity) from Compressed Air.

Typically, this is accomplished in one of four ways:

DESICCANT* **REFRIGERATION**
MEMBRANE **DELIQUESCENT**

*Molecular sieve, activated alumina, silica gel

AIR FILTRATION:

The Removal of Particulates, Water, Oil Droplets, and Aerosols. This is most effective when done in stages:

WATER SEPARATOR Removes bulk water, oil, and large particulates (down to 10 micron)	COALESCING FILTER Removes oil, aerosols and fine particulates (down to .01 micron)	ACTIVATED CARBON FILTER Removes oil vapors; eliminates odors and taste (down to .003ppm)
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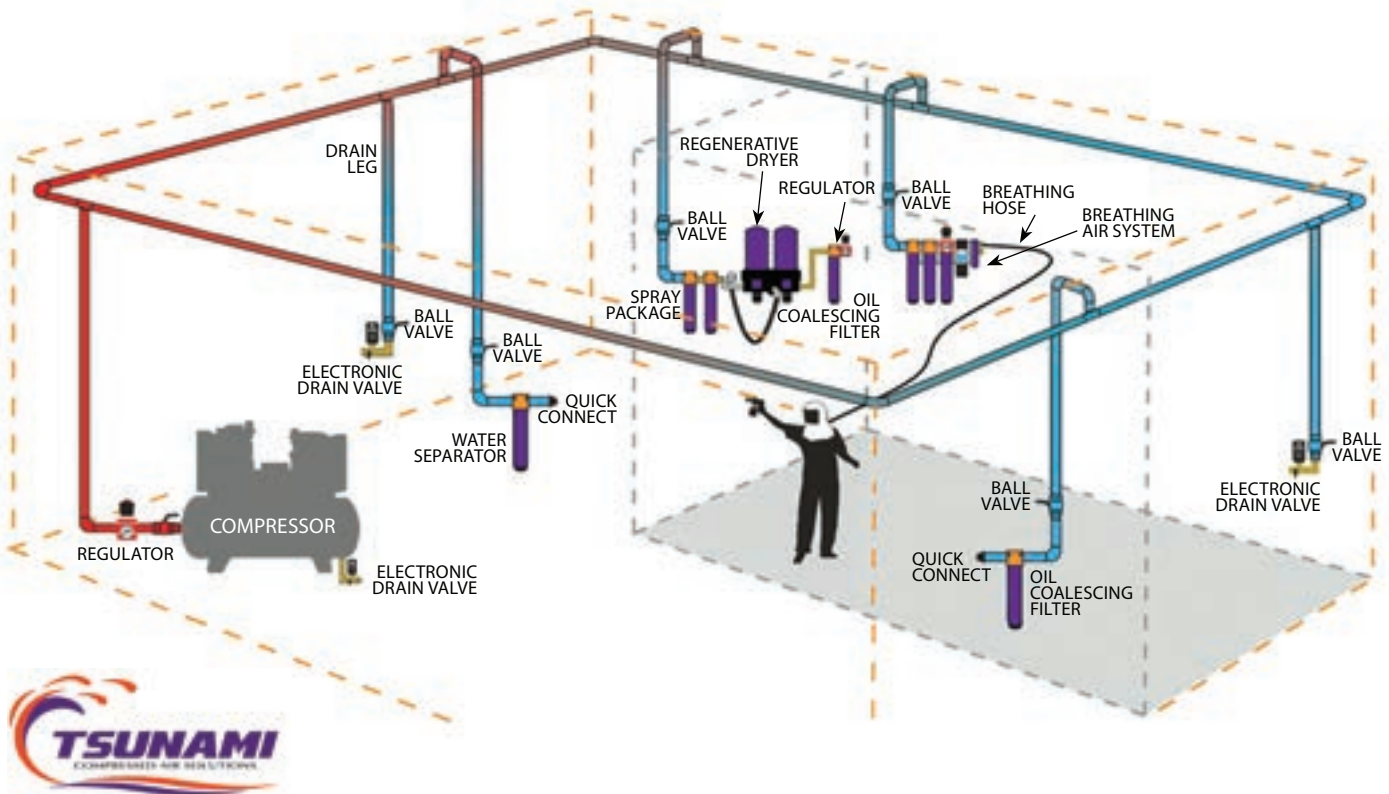
WHEN TO USE COMPRESSED AIR DRYERS:

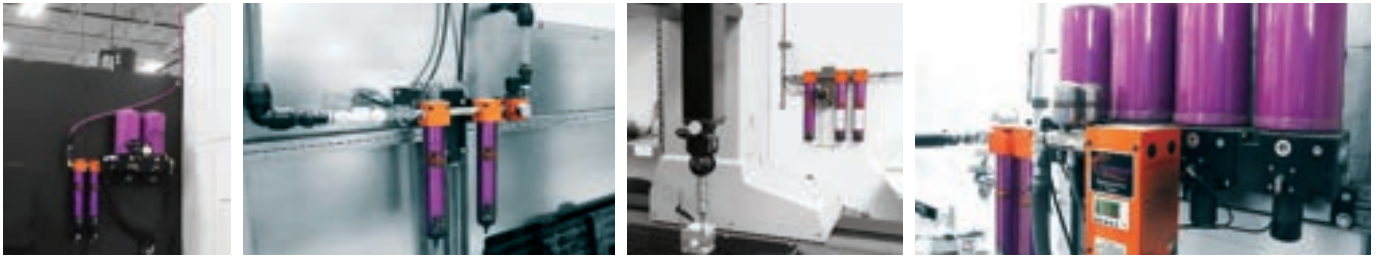
Air dryers should be used when you want to remove or reduce the humidity levels in your compressed air system to meet or exceed the air quality requirements for the compressed air demands of your tools, equipment, or applications.

WHERE TO PLACE COMPRESSED AIR FILTRATION:

The further away from the compressor, the more effective your filtration will work

In front of all air dryers as pre-filters	On or near the equipment, directly connected to air supply connection (IMPORTANT)	At all air tool drops with regulators
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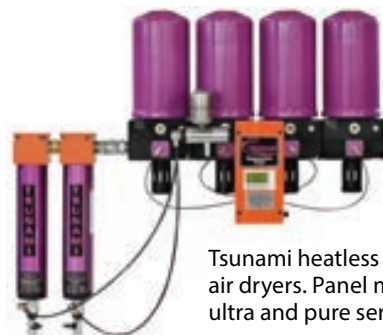




- Proper control of air pressure throughout a facility can help save 10-15% of compressed air energy costs
- Repairing an audible air leak can save \$50 or more per year in energy used to drive your compressor.
- When sizing a compressor for manufacturing, it is important to calculate total machine air consumption as well as air consumed by machine operators and other personnel
- Proper control of air volume (CFM) will allow air drying and filtration technology to perform at their rated capacity. Most equipment has a manufacturer's specification for volume consumption and the recommended operating pressure
- Improper use of volume can lead to "over-flowing" the rated capacity of the dryer or filtration, resulting in the carryover of moisture and contaminants.
- Many OSHA-approved blow-off guns can consume up to 35 CFM, the equivalent of a 10 HP compressor
- Many color-changing indicators used with desiccant systems do not begin to change color until reaching 20% relative humidity (rH)
- Ensure compressed air lines are installed properly. Always force air to climb vertically while allowing pooling liquid water to be driven downward by gravity into a drip leg or drain



Tsunami water separators, coalescing oil removing filters, in-line membrane dryers, activated charcoal filters, multi-stage inline filter packages, regulators and lubricators



Tsunami heatless regenerative air dryers. Panel mounted ultra and pure series



Tsunami heatless regenerative air dryers. Tank mounted ultra and pure series

TSUNAMI WATER FILTERS AND DRAINS

HOW IT WORKS

- 1 Air enters the filter & travels down a small diameter tube causing an increase in velocity
- 2 The air reaches the bottom of inner tube & redirected 180° up the outer tube allowing gravity and a slower velocity to capture bulk liquids
- 3 Velocity increases again as air is forced through small orifice baffles before entering the stainless steel mesh element
- 4 Centrifugal force is used to capture any remaining liquids before exiting filter



- 5 Liquids are automatically ejected through the drain

- Removes large amounts of moisture (up to one quart of water or oil per minute) 10 Micron Element
- Standard Models come equipped with Internal (Automatic) Float drain
- ED Models come equipped with Electronic Timer Drain
- MM Models come equipped with Pneumatic type Moisture Minder Drain valve
- Machined from 6061 aircraft aluminum
- Zero Maintenance required on Filter element. Clean as needed
- Can be ordered in reverse flow upon request
- Made in America
- All Tsunami products come with complete installation instructions and maintenance info

TSUNAMI HEAVY DUTY WATER SEPARATORS

A high-quality filtration product designed to remove dirt, particulates, and water from compressed air systems. It utilizes a unique up-flow gravity separation process to eliminate water droplets and aerosols from the air, which are then discharged through an automatic drain

MODEL	NPT	MAX CFM	MAX PSI	H x W x D	WT (LBS)
TS-0390	1/4" NPT	20	250	8 1/2" x 2" x 2"	1 1/2
TS-0390-ED	1/4" NPT	20	250	12" x 2" x 2"	2 1/2
TS-0390-MM	1/4" NPT	20	250	10 1/2" x 2" x 2"	2
TS-0131	1/2" NPT	50	250	14 1/2" x 2 1/2" x 2 1/2"	3 1/2
TS-0131-ED	1/2" NPT	50	250	17 1/2" x 5 1/2" x 4"	6
TS-0131-MM	1/2" NPT	50	250	17" x 2 1/2" x 2 1/2"	6
TS-1034	3/4" NPT	120	250	16" x 3 1/2" x 3 1/2"	9
TS-1034-ED	3/4" NPT	120	250	18" x 6" x 4 1/2"	9 1/2
TS-1034-MM	3/4" NPT	120	250	18" x 3 1/2" x 3 1/2"	9
TS-0082	1" NPT	120	250	16" x 3 1/2" x 3 1/2"	9
TS-0082-ED	1" NPT	120	250	18" x 6" x 4 1/2"	9 1/2
TS-0082-MM	1" NPT	120	250	18" x 3 1/2" x 3 1/2"	9
TS-1096	1 1/2" NPT	300	200	28" x 4 1/2" x 6 1/2"	12
TS-1096-ED	1 1/2" NPT	300	200	31" x 4 1/2" x 6 1/2"	13
TS-1096-MM	1 1/2" NPT	300	200	32" x 4 1/2" x 10"	14
TS-1120	2" NPT	600	200	31" x 5 1/2" x 5 1/2"	20
TS-1120-ED	2" NPT	600	200	34" x 5 1/2" x 5 1/2"	21
TS-1120-MM	2" NPT	600	200	35" x 5 1/2" x 5 1/2"	22
TS-0960	3" NPT	800	200	35 1/2" x 6" x 6"	45
TS-0960-ED	3" NPT	800	200	35 1/2" x 6" x 10"	46
TS-0960-MM	3" NPT	800	200	35 1/2" x 6" x 8 1/2"	46

TSUNAMI AUTOMATIC DRAIN OPTIONS

Neglecting to consistently drain condensate and contamination will lead to ongoing issues and costly downtime. Inadequate or forgotten draining accelerates wear on filtration systems, rendering them ineffective and damaging to critical equipment and processes. Tsunami offers a range of drain styles to ensure timely and efficient draining for your facility.

DRAIN MINDER II CONTROLLER

The Drain Minder II provides the air pilot signal to multiple pneumatic drains for maximizing the performance and efficiency of your compressed air system



ELECTRONIC DRAIN VALVE

Uses a fixed strainer screen to trap contaminants before reaching the orifice, fouling the armature. Ball valve integrated into drain body can be manually opened to allow a blast of air to remove contaminants from strainer screen.

MODEL	DESCRIPTION	POWER
21999-0177	INLET & OUTLET: 1/2" MNPT & 1/4" FNPT 250 PSI Max	115VAC / 60 HZ
21999-0177-230		230VAC / 60 HZ
21999-0177-24		24VDC / 24W
21999-0177-12		12VDC / 10W
21999-0316		INSTALLATION KIT



- Self Cleaning Strainer
- Dual Sized Inlet
- Large 4mm internal orifice

STANDARD INTERNAL FLOAT DRAIN

The device contains a float that normally sits on a small orifice. When liquid enters the drain, the float rises off its seat, exposing the orifice and allowing the liquid to discharge through the stem. The float drain comes standard with a 1/2" female NPT port to connect additional auxiliary drain devices



MODEL	DESCRIPTION
21999-0868	Float Drain Replacements (sold individually)

PNEUMATIC FILTER DRAIN VALVE

Similar to the standard Moisture Minder pneumatic drain, the Filter Drain requires only an intermittent pilot signal to operate. These models are designed to spin on the corresponding size Tsunami filter housing

MODEL	DESCRIPTION
21999-0792	20 CFM Replacement Unit
20999-0795	50 CFM Replacement Unit
21999-0805	120 CFM Replacement Unit



PNEUMATIC DRAIN VALVE

Requires Pilot Signal: External condensate reservoir collects liquid. When liquid reaches a set point, mechanical switch sends pilot air to air cylinder, opening ball valve to drain reservoir & return piston to relaxed position

MODEL	DESCRIPTION
152-000	1/4" NPT Port, 250 PSI Max
21999-0317	Installation Kit
21999-0300	Universal Strainer w/50 Mesh



Tsunami offers a variety of drain styles to assure timely & effective draining for your facility. Neglecting to consistently drain condensate & contamination will result in endless headaches and costly downtime. Inadequate or forgotten draining dramatically wears on filtration systems causing them to become ineffective & damaging to critical equipment & processes

PHONE: 888-393-7152 • orders@controlsandcomponents.com • TEXT: 678-986-0346

HOW IT WORKS

- 1 Air enters the filter and flows through the element from the center to the outer layers
- 2 As the air moves through the fibrous layers, oil aerosols are captured and coalesce into larger droplets
- 3 The non-wicking outer drain layer separates bulk liquids from the airflow
- 4 Gravity causes the bulk liquids to collect and drip into the filter's drain sump, where they are automatically removed



- Removes oil, oil mist, vapor, and particulate down to .01 micron
- Made in America
- FD Models come equipped with Internal (automatic) Float Drain
- ED Models come equipped with Electronic Timer Drain
- MM Models come equipped with pneumatic-type Moisture Minder Drain Valve
- Chemical-resistant polypropylene cores and layers support coalescing media
- Coalescing filter element should be changed every 6 months
- Machined from 6061 aircraft aluminum
- All Tsunami products come with installation instructions and maintenance info

Don't see your THB Item?
Please email the part number to info@controlsandcomponents.com for us to check price & availability

TSUNAMI HEAVY DUTY OIL COALESCING FILTERS

REMOVES OIL AEROSOLS AND FINE PARTICULATE Tsunami oil coalescing filters deliver high-grade compressed air and protect critical equipment from oil aerosols and particulates. These filters use a non-wicking drain layer secured to the outside support core to separate oil and water from the airflow and direct the liquid to the filter sump

MODEL	NPT	MAX CFM	MAX PSI	H x W x D	WT (LBS)
TS-0390-Z-FD	1/4" NPT	20	250	8 1/2" x 2" x 2"	1 1/2
TS-0390-Z-ED	1/4" NPT	20	250	12" x 2" x 2"	2 1/2
TS-0390-Z-MM	1/4" NPT	20	250	10 1/2" x 2" x 2"	2
TS-0131-Z-FD	1/2" NPT	50	250	14 1/2" x 2 1/2" x 2 1/2"	3 1/2
TS-0131-Z-ED	1/2" NPT	50	250	17 1/2" x 5 1/2" X 4"	6
TS-0131-Z-MM	1/2" NPT	50	250	17" x 2 1/2" x 2 1/2"	6
TS-1034-Z-FD	3/4" NPT	120	250	16" x 3 1/2" x 3 1/2"	9
TS-1034-Z-ED	3/4" NPT	120	250	18" x 6" x 4 1/2"	9 1/2
TS-1034-Z-MM	3/4" NPT	120	250	18" x 3 1/2" x 3 1/2"	9
TS-0082-Z-FD	1" NPT	120	250	16" x 3 1/2" x 3 1/2"	9
TS-0082-Z-ED	1" NPT	120	250	18" x 6" x 4 1/2"	9 1/2
TS-0082-Z-MM	1" NPT	120	250	18" x 3 1/2" x 3 1/2"	9
TS-1096-Z-FD	1 1/2" NPT	300	250	31" x 4 1/2" x 6 1/2"	12
TS-1096-Z-ED	1 1/2" NPT	300	250	32" x 4 1/2" x 10"	13
TS-1096-Z-MM	1 1/2" NPT	300	250	32" x 4 1/2" x 10"	14
TS-1120-Z-FD	2" NPT	600	250	31" x 5 1/2" x 5 1/2"	20
TS-1120-Z-ED	2" NPT	600	250	34" x 5 1/2" x 5 1/2"	21
TS-1120-Z-MM	2" NPT	600	250	35" x 5 1/2" x 5 1/2"	22
TS-0960-Z-FD	3" NPT	800	250	43" x 6" x 6"	45
TS-0960-Z-ED	3" NPT	800	250	43" x 6" x 6"	46
TS-0960-Z-MM	3" NPT	800	250	43" x 6" x 6"	46

HOW IT WORKS

- 1 Air enters the filter and passes through the element from the outside to the center
- 2 As the air travels through the activated carbon layers, oil vapors are captured and held through the process of adsorption
- 3 No liquids should be present at this stage, therefore, there is no drain



TSUNAMI ACTIVATED CARBON FILTERS

REMOVES OIL VAPORS: The Tsunami Activated Carbon Filter removes oil vapor from compressed air as the air passes through a multi-layer, carbon impinged element eliminating odor and taste from the air

MODEL	NPT	MAX CFM	MAX PSI	H x W x D	WT (LBS)
TS-ACF-0390-AC	1/4" NPT	20	250	8 1/2 x 2 x 2	1 1/2
TS-ACF-0131-AC	1/2" NPT	50	250	14 1/2 x 2 1/2 x 2 1/2	3 1/2
TS-ACF-1034-AC	3/4" NPT	120	250	16 x 3 1/2 x 3 1/2	9
TS-ACF-0082-AC	1" NPT	120	250	16 x 3 1/2 x 3 1/2	10

- Absorbs oil vapors down to .003 ppm
- Made in America
- Removes odor and taste
- Easy installation and serviceability
- Activated Carbon filter element should be changed every 6 months
- All Tsunami products come with installation instructions and maintenance info

TSUNAMI PRE-ASSEMBLED FILTRATION PACKAGES

TSUNAMI FILTRATION PACKAGE STANDARD FEATURES

- Each filter type comes equipped with a removable cap which provides ease of service
- Each filter type comes equipped with an internal (automatic) float drain
- Float drains should be serviced/ replaced every 6-12 months
- Made in America
- Each filter type comes equipped with an oversized tube length that allows both gravity & velocity to assist in removal of water & air contaminants
- Each filter type comes equipped with a machined port located on the bottom cap, which allows for various drain capabilities
- Each multi-stage package comes equipped with a wall mounting bracket
- All tsunami products come complete with installation and maintenance instructions
- Additional info & videos are available on www.controlsandcomponents.com

PACKAGE 1

- 1 WATER SEPARATOR
- 1 LUBRICATOR
- 1 MOUNTING BRACKET

Installing a filter-lubricator in a pneumatic system provides optimal performance and longevity for the components downstream. This package is designed to remove liquids and contaminants from the air while releasing a controlled mist of oil to reduce friction in the tool or piece of equipment. It is important to know your systems requirements before purchasing a filter-lubricator.



TSUNAMI 2-STAGE WATER SEPARATOR & LUBRICATOR

MODEL	NPT	MAX CFM	MAX PSI	H x W x D	WT (LBS)
TS-PACK1-0416	1/4" NPT	20	250	10" x 4 1/2" x 2 1/2"	2 1/2
TS-PACK1-0247	1/2" NPT	50	250	18" x 6" x 5"	7
TS-PACK1-0248	1" NPT	120	250	19 1/2" x 8" x 5 1/2"	12

- Stage 1 Filter Removes large amounts of moisture (up to one quart of water or oil per minute). 10 Micron element
- Stage 2 Lubricator / Oiler to lubricate pneumatic tools downstream

PACKAGE 2

- 1 WATER SEPARATOR
- 1 REGULATOR
- 1 LUBRICATOR
- 1 MOUNTING BRACKET

Installing a filter-lubricator in a pneumatic system provides optimal performance and longevity for the components downstream. Designed to remove liquids and contaminants from the air while releasing a controlled mist of oil to reduce friction in the tool or piece of equipment. It is important to know your systems requirements before purchasing a filter-lubricator.



TSUNAMI 3-STAGE WATER SEPARATOR FILTER & REGULATOR & LUBRICATOR

MODEL	NPT	MAX CFM	MAX PSI	H x W x D	WT (LBS)
TS-PACK2-0415	1/4" NPT	20	250	10 1/2" x 6" x 3 1/2"	3
TS-PACK2-0249	1/2" NPT	50	250	18" x 13" x 6 1/2"	10 1/2
TS-PACK2-0249-R	1/2" NPT	50	250	18" x 13" x 6 1/2"	7
TS-PACK2-0250	1" NPT	120	250	21" x 13" x 6 1/2"	16

- Stage 1 Filter Removes large amounts of moisture (up to one quart of water or oil per minute). 10 Micron element
- Stage 2 Pressure Regulator w/ gauge. 0-180 Adjustable PSI
- Stage 3 Lubricator / Oiler to lubricate pneumatic tools downstream
- R = Right to Left Flow

PACKAGE 3

- 1 WATER SEPARATOR
- 1 COALESCING OIL REMOVING FILTER
- 1 MOUNTING BRACKET

Tsunami Water Separator removes water, up to one quart per minute, and filters particulate down to 10 micron. Oil Coalescing Filter removes oil aerosols down to .001 ppm and particulates down to .01 micron. Tsunami filters are machined from the highest quality materials and are anodized inside and out to ensure ultimate durability against corrosion and trapped contaminants.



TSUNAMI 2-STAGE WATER SEPARATOR FILTER & OIL COALESCING FILTER

MODEL	NPT	MAX CFM	CFM MAX	H x W x D	WT (LBS)
TS-PACK3-0424	1/4" NPT	20	250	9 1/2" x 5" x 2 1/2"	3
TS-PACK3-0251	1/2" NPT	50	250	18" x 6 1/2" x 5"	9 1/2
TS-PACK3-0252	1" NPT	120	250	19 1/2" x 8" x 5 1/2"	14

- Stage 1 Filter Removes large amounts of moisture (up to one quart of water or oil per minute). 10 Micron element
- Stage 2 Oil Coalescing Filter removes oil aerosols & particulate down to 0.001 ppm w/0.01 Micron element

PACKAGE 4

- 1 WATER SEPARATOR
- 1 COALESCING OIL REMOVING FILTER
- 1 REGULATOR & 1 MOUNTING BRACKET

Tsunami Water Separator removes water, up to one quart per minute, and filters particulate down to 10 micron. Oil Coalescing Filter removes oil aerosols down to .001 ppm and particulates down to .01 micron. Regulator allows pressure control to ensure down stream components do not exceed their maximum operating pressures.



TSUNAMI 3-STAGE WATER SEPARATOR FILTER & OIL COALESCING FILTER & REGULATOR

MODEL	NPT	MAX CFM	MAX PSI	H x W x D	WT (LBS)
TS-PACK4-0677G	1/4" NPT	20	250	10 1/2" x 6 1/2" x 3 1/2"	3 1/2
TS-PACK4-0253G	1/2" NPT	50	250	17" x 13" x 4 1/2"	12
TS-PACK4-0253-R	1/2" NPT	50	250	17" x 13" x 4 1/2"	12
TS-PACK4-0254G	1" NPT	120	250	21" x 13" x 6 1/2"	18

- Stage 1 Filter Removes large amounts of moisture (up to one qt of water/oil per min). 10 Micron element
- Stage 2 Oil Coalescing Filter removes oil aerosols & particulate down to 0.001 ppm w/0.01 Micron element
- Stage 3 Pressure Regulator w/ gauge. 0-180 Adjustable PSI
- R = Right to Left Flow

PACKAGE 5

- 1 WATER SEPARATOR
- 1 OIL COALESCING FILTER
- 1 ACTIVATED CARBON FILTER
- 1 MOUNTING BRACKET

Tsunami Water Separator removes water, up to one quart per minute, and filters particulate down to 10 micron. Oil Coalescing Filter removes oil aerosols down to .001 ppm and particulates down to .01 micron. Activated Carbon filter removes oil vapor down to .003, and any taste or odor.



TSUNAMI 3-STAGE WATER SEPARATOR & OIL COALESCING & ACTIVATED CARBON FILTER

MODEL	NPT	MAX CFM	MAX PSI	H x W x D	WT (LBS)
TS-PACK5-0421	1/4" NPT	20	250	9 1/2" x 8" x 2 1/2"	4
TS-PACK5-0255	1/2" NPT	50	250	17" x 13" x 3 1/2"	13 1/2
TS-PACK5-0255-R	1/2" NPT	50	250	17" x 13" x 3 1/2"	13 1/2
TS-PACK5-0256	1" NPT	120	250	21" x 13" x 6 1/2"	21

- Stage 1 Filter Removes large amounts of moisture (up to one quart of water or oil per minute). 10 Micron element
- Stage 2 Oil Coalescing Filter removes oil aerosols & particulate down to 0.001 ppm w/0.01 Micron element
- Stage 3 Activated Carbon Filter removes oil down to 0.003, and any taste or odor
- R = Right to Left Flow

PACKAGE 6

- 1 WATER SEPARATOR
- 1 OIL COALESCING FILTER
- 1 ACTIVATED CARBON FILTER
- 1 REGULATOR
- 1 MOUNTING BRACKET

Tsunami Water Separator removes water, up to one quart per minute, and filters particulate down to 10 micron. Oil Coalescing Filter removes oil aerosols down to .001 ppm and particulates down to .01 micron. Activated Carbon filter removes oil vapor down to .003, and any taste or odor. Regulator allows pressure control to ensure down stream components do not exceed their maximum operating pressures.



4-STAGE WATER SEPARATOR & OIL COALESCING & ACTIVATED CARBON FILTERS & REGULATOR

MODEL	NPT	MAX CFM	MAX PSI	H x W x D	WT (LBS)
TS-PACK6-0678	1/4" NPT	20	250	10 1/2" x 10 1/2" x 3 1/2"	5
TS-PACK6-0457-ED	1/4" NPT	20	250	10 1/2" x 13" x 4 1/2"	6 1/2
TS-PACK6-0257	1/2" NPT	50	250	18 1/2" x 17" x 4 1/2"	15 1/2
TS-PACK6-0257-R	1/2" NPT	50	250	18 1/2" x 17" x 4 1/2"	15 1/2
TS-PACK6-0291-ED	1/2" NPT	50	250	18 1/2" x 17" x 5"	17
TS-PACK6-0258	1" NPT	120	250	21" x 18" x 6 1/2"	25

ED = with Electronic Automatic Tank Drain

- Stage 1 Filter Removes moisture (up to 1 qt water/oil per min). 10 Micron element
- Stage 2 Oil Coalescing Filter removes oil aerosols & particulate down to 0.001 ppm w/ 0.01 Micron element
- Stage 3 Activated Carbon Filter removes oil down to 0.003, and any taste or odor
- Stage 4 Pressure Regulator w/ gauge. 0-180 Adjustable PSI
- R = Right to Left Flow

PACKAGE 7

- 1 OIL COALESCING FILTER
- 1 REGULATOR
- 1 MOUNTING BRACKET

Oil Coalescing Filter removes oil aerosols down to .001 ppm and particulates down to .01 micron. The Regulator allows pressure control to ensure down stream components do not exceed their maximum operating pressures.



TSUNAMI 2-STAGE OIL COALESCING FILTER & PRESSURE REGULATOR

MODEL	NPT	MAX CFM	MAX PSI	H x W x D	WT (LBS)
TS-PACK7-0969G	1/4" NPT	20	250	10 1/2" x 4" x 3 1/2"	3
TS-PACK7-0494G	1/2" NPT	50	250	18" x 6 1/2" x 6"	10 1/2
TS-PACK7-0967G	1" NPT	120	250	21" x 8" x 5 1/2"	16

- Stage 1 Oil Coalescing Filter removes oil aerosols and particulate down to 0.001 ppm with 0.01 Micron element
- Stage 2 Pressure Regulator with Gauge. Adjustable from 0-180 PSI

PACKAGE 8

- 1 WATER SEPARATOR
- 1 REGULATOR
- 1 MOUNTING BRACKET

Tsunami Water Separator removes water, up to one quart per minute, and filters particulate down to 10 micron. The Regulator allows pressure control to ensure down stream components do not exceed their maximum operating pressures.



TSUNAMI 2-STAGE WATER SEPARATOR FILTER & PRESSURE REGULATOR

MODEL	NPT	MAX CFM	MAX PSI	H x W x D	WT (LBS)
TS-PACK8-0414G	1/4" NPT	20	250	10 1/2" x 4" x 3 1/2"	3
TS-PACK8-0679G	1/2" NPT	50	250	18" x 6 1/2" x 6"	10 1/2
TS-PACK8-0968G	1" NPT	120	250	21" x 8" x 5 1/2"	16

- Stage 1 Filter Removes large amounts of moisture (up to one quart of water or oil per minute) 10 Micron element
- Stage 2 Pressure Regulator with Gauge. Adjustable from 0-180 PSI

TSUNAMI REGENERATIVE DRYING SYSTEMS

TSUNAMI REGENERATIVE DRYING SYSTEMS USE PROPRIETARY TECHNOLOGY TO PROVIDE EXTREMELY CLEAN & DRY AIR

- Low relative humidity down to .01% RH
- Easy, low-cost maintenance, under \$100/ year average
- Includes Tsunami Water Separator & Oil Coalescing Filter with automatic drains
- Dew points down to -80°F

HOW IT WORKS

- 1 Pre-filtered air enters the dryer and is channeled through the desiccant tower(s)
- 2 Wet air passes through the tower(s) where molecular sieve desiccant draws water vapor in while under pressure.
- 3 After flowing through the desiccant, the now dry air is sent downstream.
- 4 After two minutes, the control timer sends out a pilot signal shifting the internal piston. When the piston shifts, air is redirected from the tower(s) to the opposite side.

THE REGENERATION PROCESS

- 1 A small amount of air from the dry outlet on the opposite tower(s) percolates up through the regeneration orifice and back through the desiccant filled tower(s).
- 2 The desiccant is dried as the sweep air passes back through the media.
- 3 With the use of this air, the tower(s) discharge water vapor through the mufflers.
- 4 After two minutes, the control timer sends out a pilot signal shifting the internal piston. When the piston shifts, flow is reversed and this tower(s) begins drying the air.

WHICH DRYER IS RIGHT FOR YOU?

	PURE SERIES	ULTRA SERIES	MEMBRANE
FLOW RATES	5-120 CFM	40-400 CFM	15-20 CFM
AVG. PURGE AIR	5-8%	5-8%	22%
MAX TEMP/PRESSURE	150°F / 175 PSI	150°F / 175 PSI	100°F / 175 PSI
STORAGE TANK MODEL	1 / 30 / 60 gal.	60 / 80 gal.	N/A
DRY CONTROLLER	Solenoid Timer Valve Pneumatic Controller Option	PLC Pneumatic Controller Option	N/A
DRAINS	Float or Pneumatic	Pneumatic	Float or Pneumatic
POWER REQUIRED	120V / 220V	120V / 220V	120V / 220V
STANDARD WARRANTY	90 Days / 1 Year	3 Years	90 Days
OTHER FEATURES	Economically Priced, Tank-Mounted Models	Expandable Flow Rates, Over-Sized Filters, Tank-Mounted Models, Rail-Mounted Models	No Electricity Required (float drain model)

TSUNAMI PURE REGENERATIVE MOBILE / PORTABLE DRYERS

INCLUDES: 2-stage Pre-filtration; Water Separator, Oil Coalescing Filter, Regenerative Air Dryer, Solenoid Valve Timer Automatic Drains. Tsunami's Portable Dryers are designed to give you ultimate mobility. These user friendly designs provide Tsunami world class air quality in a portable package.

MODEL	INLET x OUTLET	HP	MAX CFM	CONSUMPTION	DRAIN	H x W x D	WT
TS-PURE-1100	1/4" x 1/4" FNPT	5	17	1.0 CFM	FLOAT	27 x 21 x 13	51
TS-PURE-1100-MM	1/4" x 1/4" FNPT	5	17	1.0 CFM	PNEUMATIC	27 x 21 x 13	51
TS-PURE-0945	1/2" FNPT	10	40	2.20 CFM	FLOAT	54 x 24 x 24	150
TS-PURE-0945-PP	1/2" FNPT	10	40	2.20 CFM	FLOAT	54 x 24 x 24	150
TS-PURE-0945-PP-MM	1/2" FNPT	10	40	2.20 CFM	PNEUMATIC	54 x 24 x 24	150

- Equipped with 1 Drying tower and 1 Regenerative Tower
- Water Separator Replacements: (10, 15 CFM 21999-0846) (25, 40 CFM 21999-0227)
- Coalescing Filter Replacements: (10, 15 CFM 21999-0394) (25, 40 CFM 21999-0202)
- Portable units are equipped with either a pneumatic Moisture Minder drain or an automatic float drain
- All Tsunami products include installation instructions and maintenance information
- Tower drying time: 120 seconds
Tower cycle time: 2 minutes
- Models are available with a pneumatic generator power supply. Pneumatically powered models consume 1-2 SCFM from the dryer



PURE REGENERATIVE DRYERS STANDARD FEATURES AND SPECIFICATIONS

- 1st Stage water separator removes liquid water up to 1QT per min. Filter particulate down to 10 micron
- Power Requirement: 120VAC Standard 220VAC available upon request
- Max Operating Pressure: 175 PSI, Max Air Inlet Temperature: 150°F
- Dryer flow rates based on 100°F at 175 PSI with an outlet pressure of 100 PSI. Lower inlet pressure and higher temperatures affect the performance and quality of the downstream air
- 2nd Stage Oil Coalescing filter removes bulk oils & aerosols. Filters particulate down to 0.01 micron
- Dryer Performance: Low relative humidity down to 0.01% RH. Dew points down to -80°F. Easy, low cost maintenance
- MM: Models are equipped with Moisture Minder Filter Drain
- 1-Year Warranty on Tsunami Pure Drying Systems Utilizing Pneumatic Drains
- Heater pads available for cold temp applications upon request



TSUNAMI PURE REGENERATIVE WALL MOUNTED DRYERS

INCLUDES: 2-stage Pre-filtration; Water Separator, Oil Coalescing Filter, Regenerative Air Dryer, Solenoid Valve Timer Automatic Drains. Pure systems utilize a simple timed control valve for cycling & Tsunami pre-filtration to assure removal of water, oil & particulates before entering the dryer. Pure Series dryers are available with either float or Moisture Minder™ pneumatic drains

MODEL	SERIES	INLET x OUTLET	HP	MAX CFM	DRAIN	# DRYING TOWERS	# REGEN TOWERS	CONSUMPTION	H x W x D	WT
TS-PURE-1138	PURE-3	1/4 x 1/2 FNPT	3	10	FLOAT	1 QTY	1 QTY	0.50 CFM	25 x 17 x 12	42
TS-PURE-1138-MM	PURE-3	1/4 x 1/2 FNPT	3	10	PNEUMATIC	1 QTY	1 QTY	0.50 CFM	25 x 17 x 12	42
TS-PURE-1105	PURE-5	1/4 x 1/2 FNPT	5	15	FLOAT	1 QTY	1 QTY	1.0 CFM	25 x 17 x 12	42
TS-PURE-1105	PURE-5	1/4 x 1/2 FNPT	5	15	PNEUMATIC	1 QTY	1 QTY	1.0 CFM	25 x 17 x 12	42
TS-PURE-1140	PURE-7	1/2 x 1/2 FNPT	7.5	25	FLOAT	1 QTY	1 QTY	1.25 CFM	27 x 21 x 12	50
TS-PURE-1140-MM	PURE-7	1/2 x 1/2 FNPT	7.5	25	PNEUMATIC	1 QTY	1 QTY	1.25 CFM	27 x 21 x 12	50
TS-PURE-1010	PURE-10	1/2 x 1 FNPT	10	40	FLOAT	1 QTY	1 QTY	2.20 CFM	27 x 21 x 12	60
TS-PURE-1010-MM	PURE-10	1/2 X 1 FNPT	10	40	PNEUMATIC	1 QTY	1 QTY	2.20 CFM	27 x 21 x 12	62
TS-PURE-1020	PURE-20	1 FNPT	20	80	FLOAT	2 QTY	2 QTY	4.40 CFM	30 x 42 x 12	112
TS-PURE-1020-MM	PURE-20	1 FNPT	20	80	PNEUMATIC	2 QTY	2 QTY	4.40 CFM	30 x 42 x 12	112
TS-PURE-1030	PURE-30	1 FNPT	30	120	FLOAT	3 QTY	3 QTY	6.60 CFM	36 x 42 x 12	150
TS-PURE-1030-MM	PURE-30	1 FNPT	30	120	PNEUMATIC	3 QTY	3 QTY	6.60 CFM	36 x 42 x 12	150

- Equipped with 2-Stage filtration, Wall Mounting bracket
- Tower drying time: 120 seconds, Tower cycle time: 2 minutes
- Water Separator Replacements: (10, 15 CFM 21999-0846) (25, 40 CFM 21999-0227) (80, 120 CFM 21999-0228)
- MM: Models are equipped with Moisture Minder Filter Drain
- Coalescing Filter Replacements: (10, 15 CFM 21999-0394) (25, 40, 80, 120 CFM 21999-0202)

TSUNAMI PURE REGENERATIVE TANK MOUNTED DRYERS

INCLUDES: 2-stage Pre-filtration; Water Separator, Oil Coalescing Filter, Regenerative Air Dryer, Solenoid Valve Timer Automatic Drains. The Pure Series Tank-Mounted dryers come as a complete package with tank attachments to support air flow. The Pure-5T comes with a 1 gallon tank to maximize laminar air flow and the Pure-10T sits atop a 60-gallon storage tank to increase shop capacity. Pure Series dryers come equipped with a Pneumatic Moisture minder drain

MODEL	TSUNAMI MODEL	INLET x OUTLET	HP	MAX CFM	CONSUMPTION	DRAIN	H x W x D	WT (LBS)
TS-PURE-1105-T	21999-1105-T	1/4" x 1/4" FNPT	5	15	1.0 CFM	PNEUMATIC	26" x 18" x 12"	50
TS-PURE-1105-T-MM	21999-1105-T-MM	1/4" x 1/4" FNPT	5	15	1.0 CFM	PNEUMATIC	26" x 18" x 12"	51
TS-PURE-0955	21999-0955	1/2" FNPT	10	40	2.20 CFM	PNEUMATIC	36" x 72" x 24"	190
TS-PURE-0955-PP	TS-PURE-0955-PP	1/2" FNPT	10	40	2.20 CFM	PNEUMATIC	36" x 72" x 24"	190

- Equipped with 1 Drying tower & 1 Regenerative Tower
- Tank mounted units equipped with Pneumatic Moisture Minder drain standard
- Tower drying time: 120 seconds, Tower cycle time: 2 minutes
- Water Separator Replacements: (10, 15 CFM 21999-0846) (25, 40 CFM 21999-0227)
- Coalescing Filter Replacements: (10, 15 CFM 21999-0394) (25, 40 CFM 21999-0202)
- PP: Models are available with a pneumatic generator power supply. Pneumatically powered models consume 1-2 SCFM from the dryer
- Includes installation & maintenance info



TSUNAMI HEATLESS REGENERATIVE AIR DRYERS

TSUNAMI HEATLESS REGENERATIVE AIR DRYERS: ULTRA SERIES WITH PROGRAMMABLE CONTROLLER

Ultra Series Dryers are designed as complete packages. Systems can be configured in multiple variations allowing for pre-filtration to be installed on the left or right side of the unit. Dual inlet/outlet ports allow for bypass of the dryer when maintenance is required. Each package includes a programmable (PLC) Controller.

TSUNAMI ULTRA REGENERATIVE DRYERS STANDARD FEATURES AND SPECIFICATIONS

- 1st Stage water separator removes liquid water up to 1QT per min. Filter particulate down to 10 micron.
- Programmable Logic Control (PLC)
- 2nd Stage Oil Coalescing filter removes bulk oils and aerosols. Filters particulate down to 0.01 micron
- Power Requirement: 120VAC Standard. 220VAC available upon request
- Dryer Performance: Low relative humidity down to 0.01% RH. Dew points down to -80°F. Easy, low cost maintenance
- Max Operating Pressure: 175 PSI, Max Air Inlet Temperature: 150°F
- Heater pads available for cold temp applications upon request
- 3-Year Warranty on Tsunami Ultra Drying Systems
- All Ultra Series Dryers come with oversized water filters and a special coalescing element to accommodate for expansion



PROGRAMMABLE PLC CONTROLLER

- The Programmable Logic Controller cycles the dryers and pneumatic drains - optimizing efficiency and allowing dryer expansion
- The PLC used on the Tsunami Regenerative Dryer is pre-programmed and will automatically jump into run mode once the unit is plugged into power supply
- The PLC has three basic display screens; RUN, STOP, AND WARNING. If the warning mode is displayed, perform the maintenance required on the oil coalescing pre-filter
- Mandatory maintenance on the oil coalescing filter is required every six months. Failure to follow the mandatory maintenance schedule will void warranty

TSUNAMI HEATLESS REGENERATIVE AIR DRYERS (ULTRA SERIES-WALL MOUNTED)

Ultra series wall-mounted regenerative dryers are designed as complete packages. Systems can be configured in multiple variations allowing for pre-filtration to be installed on the left or right side of the unit. Dual inlet/outlet ports allow for bypass of the dryer where breathing air is required

MODEL	SERIES	INLET x OUTLET	HP	MAX CFM	DRAIN	MOUNT	H x W x D	WT (LBS)
TS-ULTRA-0710	ULTRA-10	1" FNPT	10	40	PNEUMATIC	WALL	30" x 30" x 12"	73
TS-ULTRA-0715	ULTRA-15	1" FNPT	15	60	PNEUMATIC	WALL	30" x 36" x 12"	93
TS-ULTRA-0720	ULTRA-20	1" FNPT	20	80	PNEUMATIC	WALL	30" x 42" x 12"	118
TS-ULTRA-0730	ULTRA-30	1" FNPT	30	120	PNEUMATIC	WALL	30" x 42" x 12"	118



TS-ULTRA-0710



TS-ULTRA-0715

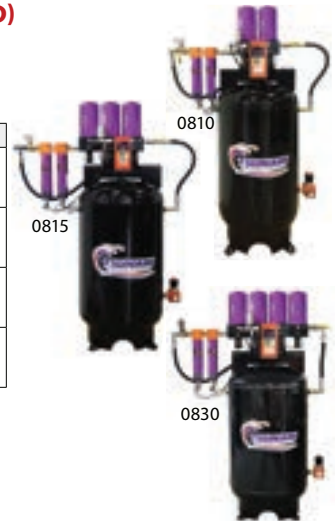


TS-ULTRA-0730

TSUNAMI HEATLESS REGENERATIVE AIR DRYERS (ULTRA SERIES-TANK MOUNTED)

The optimal solution for any facility; simply connect shop air into the inlet fitting & out the regulator. It's that simple. Tank-mounted dryers provide absolute ease of installation. A built-in bypass system allows the dryer to be shutoff for maintenance or service without stopping production.

MODEL	SERIES	INLET x OUTLET	HP	MAX CFM	DRAIN	MOUNT	H x W x D	WEIGHT
TS-ULTRA-0810	ULTRA-10	1" FNPT	10	40	PNEUMATIC	TANK-80 GAL	69" x 51" x 27"	335
TS-ULTRA-0815	ULTRA-15	1" FNPT	15	60	PNEUMATIC	TANK-80 GAL	69" x 51" x 27"	358
TS-ULTRA-0820	ULTRA-20	1" FNPT	20	80	PNEUMATIC	TANK-80 GAL	69" x 51" x 27"	381
TS-ULTRA-0830	ULTRA-30	1" FNPT	30	120	PNEUMATIC	TANK-80 GAL	69" x 51" x 27"	381



TSUNAMI HEATLESS REGENERATIVE AIR DRYERS (ULTRA SERIES-RAIL MOUNTED)

Tsunami rail mounted regenerative dryers are built to withstand the largest surges of contamination. Similar to other Tsunami drying systems, these dual-inlet units are built as complete packages.

MODEL	SERIES	INLET x OUTLET	HP	MAX CFM	DRAIN	MOUNT	H x W x D	WT (LBS)
TS-ULTRA-0740	ULTRA-RAIL	1" FNPT	40	160	PNEUMATIC	RAIL	66" x 31" x 21"	267
TS-ULTRA-0750	ULTRA-RAIL	1" FNPT	50	200	PNEUMATIC	RAIL	66" x 36" x 21"	267
TS-ULTRA-0755	ULTRA-RAIL	1" FNPT	75	300	PNEUMATIC	RAIL	66" x 36" x 42"	428
TS-ULTRA-0760	ULTRA-RAIL	1" FNPT	100	400	PNEUMATIC	RAIL	66" x 36" x 42"	534



TSUNAMI MEMBRANE AIR DRYER STANDARD FEATURES AND SPECIFICATIONS

- Low relative humidity – down to 0.01% RH, Dew Points down to -80°F, Easy low maintenance
- Membrane Dryer Core, Auto Drains, Wall Mounting brackets
- Min/Max Air Inlet Temperature: 150°F
- Adjustable outlet regulator 0-180 PSI
- Min/Max Operating Pressure: 175
- Heater pads available for cold temp applications
- Power Requirement: 2-Stage Unit: None, 3-Stage unit: Power Requirement: 120V
- Filter Package for 15 CFM Unit # 21999-0424
- Filter Package for 20 CFM Unit #21999-0251
- Membrane Dryer Core Replacement #21999-0355

TSUNAMI 2-STAGE MEMBRANE AIR DRYERS WITH FLOAT DRAIN

MODEL	NPT	MAX CFM	H x W x D	WT (LBS)
TS-MEMB-0889	1/4" FNPT	15	22" x 12" x 3 1/2"	9
TS-MEMB-0357	1/2" FNPT	20	23" x 20" x 4 1/2"	16 1/2

- 1 WATER SEPARATOR
- 1 OIL COALESCING FILTER
- 1 MEMBRANE DRYER

Incoming air passes through the 1st and 2nd stage filters, where liquid water, oils, and particulates are removed. The air then enters the membrane dryer, where water vapor is eliminated. A pressure regulator is located on the outlet, with a range of 0-180 PSI



TSUNAMI 3-STAGE MEMBRANE AIR DRYERS WITH ELECTRONIC DRAIN

MODEL	NPT	MAX CFM	H x W x D	WT (LBS)
TS-MEMB-0957	1/4" FNPT	15	24 1/2" x 18 1/2" x 5 1/2"	12
TS-MEMB-0524	1/2" FNPT	20	23" x 23 1/2" x 5 1/2"	22

- 1 WATER SEPARATOR
- 1 OIL COALESCING FILTER
- 1 ACTIVATED CARBON FILTER
- 1 MEMBRANE DRYER

Incoming air passes through the filters, where liquid water, oils, aerosols, and particulates are removed. The air then enters the membrane dryer, where water vapor is eliminated. A pressure regulator is located on the outlet, with a range of 0-180 PSI



DRAIN REPLACEMENT PARTS & ACCESSORIES

MODEL	DESCRIPTION
21999-0868	Float Drain Pack – Includes 3 Floats with Bottom Cap O-Rings
21999-0316	Basic Drain Install Kit – Electronic Drains
21999-0317	Pneumatic Drain Install Kit – Pneumatic Drains
21999-0326	Drain Mounting Bracket

TSUNAMI REGULATORS

MODEL	DESCRIPTION
TS-0870	Pressure Regulator with Gauge - ¼" NPT - 25 SCFM
TS-0871	Pressure Regulator with Gauge - ½" NPT - 89 SCFM
TS-0872	Pressure Regulator with Gauge - 1" NPT - 160 SCFM

WATER SEPARATOR SERVICE KITS

INCLUDES: SS Element, Inner Tube, Baffle, Adapter, O-Rings, Lock Nut

MODEL	DESCRIPTION
21999-0846	20 Series Water Separator Service Kit
21999-0227	50 Series Water Separator Service Kit
21999-0228	120 / 240 Series Water Separator Service Kit (240 Series requires 2 kits)
21999-1098	225 / 300 Series Water Separator Service Kit
21999-1121	450 / 600 Series Water Separator Service Kit
21999-1005	800 Series Water Separator Service Kit

OIL COALESCING REPLACEMENT ELEMENT PACKS

INCLUDES: 5 elements each

MODEL	DESCRIPTION
21999-0823	20 Series Oil Coalescing Element (Pure-1, 3, 5 Regenerative Dryers)
21999-0825	50 / 120 / 240 Oil Coalescing Element (Pure-7, 10 Regenerative Dryers) (240 Series requires 2 kits)
21999-0828	Ultra Regenerative Dryer Oil Coalescing Element

ANNUAL MAINTENANCE KITS FOR 3-STAGE FILTER PACKAGES

INCLUDES: 2 six month replacement element services along with O-Rings

MODEL	DESCRIPTION
21999-0818	20 Series 3-Stage Annual Maintenance Kit - includes Coalescing and Activated Carbon Elements (2 each) with O-Rings
21999-0819	50 Series 3-Stage Annual Maintenance Kit - includes Coalescing and Activated Carbon Elements (2 each) with O-Rings
21999-1110	120 Series 3-Stage Annual Maintenance Kit - includes Coalescing and Activated Carbon Elements (2 each) with O-Rings

TSUNAMI LUBRICATORS

MODEL	DESCRIPTION
TS-0298	Lubricator – ¼" NPT • 50 mL Reservoir • 25 SCFM
TS-0195	Lubricator – ½" NPT • 150 mL Reservoir • 153 SCFM
TS-0196	Lubricator – 1" NPT • 380 mL Reservoir • 565 SCFM
TS-0361	Lubricator – 1" NPT • 1088 mL Reservoir • 565 SCFM
TS-1200	Lubricator Kit Sprayfoam

OIL COALESCING FILTER SERVICE KITS

INCLUDES: coalescing element, baffle, adapter, O-Rings, lock nut

MODEL	DESCRIPTION
21999-0394	20 Series Oil Coalescing Filter Service Kit (Pure-1, 3, 5 Regenerative Dryers)
21999-0202	50 / 120 / 240 Series Oil Coalescing Filter Service Kit (Pure-7, 10 Regenerative Dryers) (240 Series requires 2 kits)
21999-0202-Z-SP	Ultra Regenerative Dryer Oil Coalescing Filter Service Kit
21999-1099	225 / 300 Series Oil Coalescing Filter Service Kit
21999-1122	450 / 600 Series Oil Coalescing Filter Service Kit
21999-1069	800 Series Oil Coalescing Filter Service Kit

ACTIVATED CARBON FILTER SERVICE KITS

INCLUDES: coalescing element, baffle, adapter, O-Rings, lock nut

MODEL	DESCRIPTION
21999-0395	20 Series Activated Carbon Filter Service Kit
21999-0200	50 Series Activated Carbon Filter Service Kit
21999-1072	120 Series Activated Carbon Filter Service Kit

ACTIVATED CARBON REPLACEMENT ELEMENT PACKS

INCLUDES: 5 elements each

MODEL	DESCRIPTION
21999-0824	20 Series Activated Carbon Element
21999-0826	50 Series Activated Carbon Element

REGENERATIVE DRYER SERVICE AND MAINTENANCE PARTS

MODEL	DESCRIPTION
21999-0707	Piston Replacement Kit for Tsunami Regenerative Dryers
21999-1149	Dryer Piston O-Ring Service Kit 12 Pistons
21999-0976	Tower Replacement Pure-1, 3, 5 Dryers Only
21999-0976-BK	Tower Replacement Pure-1, 3, 5 Dryers Only
21999-0349	Tower Replacement Pure-7, 10 and Ultra Series Dryers - purple
21999-0349-BK	Tower Replacement Pure-7, 10 and Ultra Series Dryers - black
21999-0672-10	PLC for 10Hp Tsunami Regenerative Dryer
21999-0672	PLC for Tsunami Regenerative Dryer (15HP or larger)
21999-1139	PLC, Rail Dryer Controller 4 MM Pneumatic Drains, 120VAC
21999-1141	PLC, Rail Dryer Controller, 4 MM Pneumatic Drains, 24VDC
21999-0672-BK	Custom Dryer PLC no drains
21999-0951	Pneumatic Timer Dryer Control two outputs
21999-0714	PLC Power Supply for Tsunami Regenerative Dryer
21999-0714-G	PLC Power Supply for Global Tsunami Regenerative Dryer
21999-1133	PLC Direct Current (DC) Power Cord; 6' 18 AWG Flying Leads, Barrel Connector
21999-0941	Timer Valve Assembly for 110v Dryer
21999-0797	Air Valve Replacement
21999-0797-12	Air Valve Replacement - 12v
21999-0504	12v DC Timer / Coil Assembly
21999-1012-24	24v DC Timer / Coil Assembly
610928-01	110v AC Timer / Coil Assembly
610934-01	220/230v AC Timer / Coil Assembly

MODEL	DESCRIPTION
21999-0650-15	Tower Mounting Stud / Dryer Regeneration Valve (.015 orifice) - Pure-7, 10 and Ultra Series Dryers
21999-0650-24	Tower Mounting Stud / Dryer Regeneration Valve (.024 orifice) - Pure-7, 10 and Ultra Series Dryer
21999-0650-30	Tower Mounting Stud / Dryer Regeneration Valve (.030 orifice) - Pure-7, 10 and Ultra Series Dryer
21999-0650-45	Tower Mounting Stud / Dryer Regeneration Valve (.045 orifice) - Pure-7, 10 and Ultra Series Dryer
21999-0650-60	Tower Mounting Stud / Dryer Regeneration Valve (.060 orifice) - Pure-7, 10 and Ultra Series Dryer
21999-0650-80	Tower Mounting Stud / Dryer Regeneration Valve (.080 orifice) - Pure-7, 10 and Ultra Series Dryer
21999-0650-90	Tower Mounting Stud / Dryer Regeneration Valve (.090 orifice) - Pure-7, 10 and Ultra Series Dryer
21999-1108-12	Tower Mounting Stud / Dryer Regeneration Valve (.012 orifice) - Pure-1, 3, 5 Dryers Only
21999-1108-15	Tower Mounting Stud / Dryer Regeneration Valve (.015 orifice) - Pure-1, 3, 5 Dryers Only
21999-1108-18	Tower Mounting Stud / Dryer Regeneration Valve (.018 orifice) - Pure-1, 3, 5 Dryers Only
21999-1108-30	Tower Mounting Stud / Dryer Regeneration Valve (.030 orifice) - Pure-1, 3, 5 Dryers Only
21999-1157	Muffler Replacement - Pure-1, 3, 5, Only
21999-0700	Muffler Replacement Pure-7, 10 and Ultra Series Dryers
21999-1046	Muffler Core Replacement (10pc Minimum Order Quantity - Pure-7, 10 & Ultra Dryers Only)
21999-1165	Single Tower Dryer Heater 120 VAC - Pure-10 & Larger
21999-0890	Tsunami Dryer Heater 12v DC, 120W (requires 1 heater per 2 towers) - Pure-10 & Ultra Dryers
21999-0937	Tsunami Dryer Heater 24v DC, 120W (requires 1 heater per 2 towers) - Pure-10 & Ultra Dryers
21999-0712	Energy Saver Kit (Ultra dryer accessory only)
21999-1038	Modular Dryer Subassembly Replacement Ultra / Pure-10-20-30
21999-0529	Filter Assembly Tsunami Ultra Regenerative Dryer
21999-1135	Upgrade Kit; Pure-5 to Pure-5T

HEATERS WRAPS

MODEL	DESCRIPTION
163-0644	Heater Wrap - 20 Series & 50 Series Tsunami Filters - 110/120v AC, 100W
163-0648	Heater Wrap - 20 Series & 50 Series Tsunami Filters - 12v DC, 75W
163-0646	Heater Wrap - 20 Series & 50 Series Tsunami Filters - 24v DC, 100W
163-0649	Heater Wrap - 120 / 240 Series Tsunami Filters - 110/120v AC, 150W (240 Series requires two wraps)
163-0651	Heater Wrap - 120 / 240 Series Tsunami Filters - 12v DC, 50W (240 Series requires two wraps)
163-0650	Heater Wrap - 120 / 240 Series Tsunami Filters - 24v DC, 120W (240 Series requires two wraps)
163-0656	Heater Wrap - 800 Series Tsunami Filters - 120v DC, 150W

CORE SERIES REGENERATIVE DRYER SERVICE & MAINTENANCE PARTS

MODEL	DESCRIPTION
21999-1230	Desiccant Cartridge Replacement
21999-1146	Moisture Indicator for CORE Dryer - Replace Annually
21999-1124	CORE Series Dryer End Cap
21999-1077-PL	CORE Outer Tube Replacement
Q215-5716	Head Quad Ring Replacement

ARROW PNEUMATICS PARTICULATE FILTERS

Particulate filters remove harmful oil and water condensate, pipe scale, dirt and rust from compressed air systems. This prevents corrosive damage to compressed air equipment and finished products. Typically, particulate filters are installed upstream of regulators to prevent valve failure. They are also used as pre-filters to oil removing and coalescing filters to ensure high efficiency and long element life.

LIGHT DUTY STANDARD FLOW PARTICULATE FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F352	1/4"	48	175	150
F353	3/8"	75	175	150
F354	1/2"	100	175	150

- 6.25" H x 2.75" W
- 40 Micron re-cleanable bronze element
- 5oz poly bowl with metal bowl guard
- Manual push drain

Arrow Replacement Filter Elements:
40u EK35, 5u EK35-5, 3u EK35-3



INDUSTRIAL STANDARD FLOW PARTICULATE FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F332W	1/4"	40	250	225
F332FW	1/4"	40	175	175
F333W	3/8"	60	250	225
F333FW	3/8"	60	175	175
F334W	1/2"	75	250	225
F334FW	1/2"	75	175	175

W 4oz metal bowl with visible sight
F Includes 5200 Internal float drain

- 4.75" H x 2.75" W
- Standard Flow industrial
- 40 Micron re-cleanable sintered bronze element
- 1/8" Manual twist drain standard

Arrow Replacement Filter Element:
40u EK33 (2)



MINI PARTICULATE FILTER WATER TRAP

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F300-01	1/8"	27	150	150
F300-02	1/4"	27	150	150

- 4.65" H x 1.50" W
- Low-Flow (MINI) Light industrial/residential
- 20 Micron sintered bronze element
- 1oz poly bowl
- Manual twist drain standard

Arrow Replacement Filter Elements:
40u EK300 (2), 5u EK300-5 (2)



INDUSTRIAL STANDARD FLOW PARTICULATE FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F352W	1/4"	48	250	225
F352FW	1/4"	48	175	175
F352M	1/4"	48	250	225
F352FM	1/4"	48	175	175
F353W	3/8"	75	250	225
F353FW	3/8"	75	175	175
F353M	3/8"	75	250	225
F353FM	3/8"	75	175	175
F354W	1/2"	100	250	225
F354FW	1/2"	100	175	175
F354M	1/2"	100	250	225
F354FM	1/2"	100	175	175

W 5oz metal bowl with visible sight
M 5oz metal bowl without visible sight
F Includes 5200 Internal float drain

- 6.25" H x 2.75" W
- Standard-Flow industrial
- 40 Micron re-cleanable sintered bronze element
- 1/8" Manual drain standard (Petcock)

Arrow Replacement Filter Elements:
40u EK35, 5u EK35-5, 3u EK35-3



INDUSTRIAL MID FLOW PARTICULATE FILTER WATER TRAP

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F374W	1/2"	160	250	225
F374FW	1/2"	160	175	175
F374M	1/2"	160	250	225
F374FM	1/2"	160	175	175
F376W	3/4"	230	250	225
F376FW	3/4"	230	175	175
F376M	3/4"	230	250	225
F376FM	3/4"	230	175	175
F378W	1"	245	250	225
F378FW	1"	245	175	175
F378M	1"	245	250	225
F378FM	1"	245	175	175

W 4oz metal bowl with visible sight
M 4oz metal bowl without visible sight
F Includes 5200 Internal float drain

- 7.65" H x 3.75" W
- 40 Micron re-cleanable sintered bronze element
- 1/8" Manual drain standard (Petcock)

Arrow Replacement Filter Elements:
40u EK37, 5u EK37-5, 3u EK37-3



WARNING:

POLYCARBONATE PLASTIC BOWLS COULD RUPTURE IF EXPOSED TO INCOMPATIBLE CHEMICALS WHETHER INSIDE OR OUTSIDE THE BOWL. IF SUCH CHEMICALS ARE PRESENT, USE A METAL BOWL.

INDUSTRIAL MID FLOW PARTICULATE FILTER WATER TRAP

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F384W	1/2"	165	250	225
F384FW	1/2"	165	175	175
F384M	1/2"	165	250	225
F384FM	1/2"	165	175	175
F386W	3/4"	245	250	225
F386FW	3/4"	245	175	175
F386M	3/4"	245	250	225
F386FM	3/4"	245	175	175
F388W	1"	250	250	225
F388FW	1"	250	175	175
F388M	1"	250	250	225
F388FM	1"	250	175	175
W 20oz metal bowl with visible sight				
M 20oz metal bowl without visible sight				
F Includes 5200 Internal float drain				



- 10.15" H x 3.75" W
- 40 Micron re-cleanable sintered bronze element
- 1/8" Manual drain standard (Petcock)

Arrow Replacement Filter Elements:
40u EK38, 5u EK38-5, 3u EK38-3

INDUSTRIAL HIGH FLOW PARTICULATE FILTER WATER TRAP

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F358HF-08W	1"	460	250	225
F358HF-08FW	1"	460	175	225
F358HF-10W	1 1/4"	500	250	225
F358HF-10FW	1 1/4"	500	175	175
F358HF-12W	1 1/2"	550	250	225
F358HF-12FW	1 1/2"	550	175	175
W 50oz metal bowl with visible sight				
F Includes 5200 Internal float drain				



- 14.50" H x 5.25" W
- 40 Micron re-cleanable pleated fiber element
- 1/8" Manual drain standard (Petcock)

Arrow Replacement Filter Elements:
40u EKF358, 3u EKF358-3

INDUSTRIAL HIGH FLOW PARTICULATE FILTER WATER TRAP

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F329-06W	3/4"	260	250	225
F329-06FW	3/4"	260	175	175
F329-08W	1"	300	250	225
F329-08FW	1"	300	175	175
F329-10W	1 1/4"	400	250	225
F329-10FW	1 1/4"	400	175	175
F329-12W	1 1/2"	425	250	225
F329-12FW	1 1/2"	425	175	175
W 29oz metal bowl with visible sight				
F Includes 5200 Internal float drain				



- 10.75" H x 5.75" W
- 40 Micron re-cleanable sintered bronze element
- 1/8" Manual drain standard (Petcock)

Arrow Replacement Filter Elements:
40u EK329, 5u EK329-5, 3u EK329-3

INDUSTRIAL SUPER HIGH FLOW PARTICULATE FILTER WATER TRAP

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F3N1-12W	1 1/2"	910	250	225
F3N1-12T	1 1/2"	910	175	175
F3N1-16W	2"	910	250	225
F3N1-16T	2"	910	175	175
F3N1-24W	3"	1300	250	225
F3N1-24T	3"	1300	175	175
W 100oz metal bowl with visible sight				
T includes External float drain kit				



- 1 1/2" & 2": 17.75" H x 6.50" W
- 3": 17.5" H x 7.625" W
- 40 Micron re-cleanable sintered bronze element
- 1/8" Manual drain standard (Petcock)

Arrow Replacement Elements:
40u EK3N1, 3u EK32N1-3,
40u EK3NHF, 3u EK3NHF-3

Maintenance Note

Particulate filter elements & Internal Float (Auto) Drains should be replaced every 6-12 months, or as needed

ARROW PNEUMATICS DRAINAGE BOWL TYPES



Manual Drain
Standard Push-Button to release moisture contents



Auto Drains should be replaced every 6-12 months

Internal Float (AUTO) Drain
5200 Internal Float drain automatically releases moisture contents when internal float rises



Manual Drain (Petcock)
1/8" or 1/4" NPT Wingnut Style Petcock to release excess moisture

ARROW PNEUMATICS COALESCING OIL REMOVING FILTERS

0.01u & 0.03u Micron Coalescing filters are used for high filtration of oil aerosols and sub micron particles. They are often used with critical instrumentations, paint spraying equipment, and more sophisticated air systems. A coalescing filter functions differently than a standard particulate filter. Air flows from inside to outside through a coalescing media. For maximum performance & efficiency, coalescing filters should be preceded by a particulate / water removing filter.

INDUSTRIAL STANDARD FLOW COALESCING OIL REMOVING FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F552W	1/4"	24	250	225
F552FW	1/4"	24	175	175
F552M	1/4"	24	250	225
F552FM	1/4"	24	175	175
F553W	3/8"	37	250	225
F553FW	3/8"	37	175	175
F553M	3/8"	37	250	225
F553FM	3/8"	37	175	175
F554W	1/2"	37	250	225
F554FW	1/2"	37	175	175
F554M	1/2"	37	250	225
F554FM	1/2"	37	175	175

W 6oz metal bowl with visible sight
M 6oz metal bowl without visible sight
F Includes 5200 Internal float drain

- 7.65" H x 2.75" W
- 0.03u Micron element removes 99.96% of contaminants
- 1/8" Manual drain standard (Petcock)
- Pop-Up indicator will alert an abnormal condition

Arrow Replacement Filter Elements:
 0.03u EK55 (2), 0.01u EK55A (2)



INDUSTRIAL STANDARD FLOW COALESCING OIL REMOVING FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F574W	1/2"	55	250	225
F574FW	1/2"	55	175	175
F574M	1/2"	55	250	225
F574FM	1/2"	55	175	175
F576W	3/4"	60	250	225
F576FW	3/4"	60	175	175
F576M	3/4"	60	250	225
F576FM	3/4"	60	175	175
F578W	1"	65	250	225
F578FW	1"	65	175	175
F578M	1"	65	250	225
F578FM	1"	65	175	175

W 10oz metal bowl with visible sight
M 10oz metal bowl without visible sight
F Includes 5200 Internal float drain

- 8.25" H x 3.75" W
- 0.03 Micron element removes 99.96% of contaminants
- 1/8" Manual drain standard (Petcock)
- Pop-Up indicator will alert an abnormal condition

Arrow Replacement Filter Elements:
 0.03u EK57, 0.01u EK57A



INDUSTRIAL MID FLOW COALESCING OIL REMOVING FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F584W	1/2"	90	250	225
F584FW	1/2"	90	175	175
F584M	1/2"	90	250	225
F584FM	1/2"	90	175	175
F586W	3/4"	110	250	225
F586FW	3/4"	110	175	175
F586M	3/4"	110	250	225
F586FM	3/4"	110	175	175
F588W	1"	115	250	225
F588FW	1"	115	175	175
F588M	1"	115	250	225
F588FM	1"	115	175	175

W 20oz metal bowl with visible sight
M 20oz metal bowl without visible sight
F Includes 5200 Internal float drain

- 11.50" H x 3.75" W
- 0.03 Micron element removes 99.96% contaminants
- 1/8" Manual drain standard (Petcock)
- Pop-Up indicator will alert an abnormal condition

Arrow Replacement Filter Elements: 0.03u EK58, 0.01u EK58A



MINI COALESCING OIL REMOVING FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F500-01	1/8"	15	150	150
F500-02	1/4"	15	150	150

- 4.50" H x 1.50" W
- Low-Flow (MINI) Light industrial/residential
- 0.03 Micron fiber element
- 1oz poly bowl

Arrow Replacement Filter Elements:
 0.03u EKF500 (2), 0.01u EKF500A (2)



INDUSTRIAL HIGH FLOW COALESCING OIL REMOVING FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F505-06W	3/4"	185	250	225
F505-06FW	3/4"	185	175	175
F505-08W	1"	185	250	225
F505-08FW	1"	185	175	175

W 29oz metal bowl with visible sight
F Includes 5200 Internal float drain



- 9.75" H x 4.85" W
- 0.03 Micron element removes 99.96% contaminants
- 1/8" Manual drain standard (Petcock)

Arrow Replacement Filter Elements:
 0.03u EKF505, 0.01u EKF505A

INDUSTRIAL HIGH FLOW COALESCING OIL REMOVING FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F508-08W	1"	300	250	225
F508-08FW	1"	300	175	175
F508-10W	1 1/4"	300	250	225
F508-10FW	1 1/4"	300	175	175
F508-12W	1 1/2"	400	250	225
F508-12FW	1 1/2"	400	175	175

W 60oz metal bowl with visible sight
F Includes 5200 Internal float drain



- 1": 14.35" H x 4.875" W
- 1 1/4" & 1 1/2": 16.75" H x 5.16" W
- 0.03 Micron element removes 99.96% contaminants
- 1/8" Manual drain standard (Petcock)

Arrow Replacement Filter Elements:
 0.03u EKF508, 0.01u EKF508A

INDUSTRIAL HIGH FLOW COALESCING OIL REMOVING FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F510-08W	1"	310	175	175
F510-08T	1"	310	175	175
F510-10W	1 1/4"	310	175	175
F510-10T	1 1/4"	310	175	175
F510-12W	1 1/2"	415	250	225
F510-12T	1 1/2"	415	175	175
F518-12W	1 1/2"	515	250	225
F518-12T	1 1/2"	515	175	175
F510-16W	2"	415	175	175
F510-16T	2"	415	175	175
F518-16W	2"	515	250	225
F518-16T	2"	515	175	175
F528-16W	2"	765	175	175

W metal bowl with visible sight
T includes External Float Drain Kit
DG Add suffix for differential pressure gauge



F510 100oz metal bowls 21" H x 6.50" W
F518 200oz metal bowl 29" H x 6.50" W
F528 300oz metal bowl 39" H x 6.50" W

- 0.03 Micron element removes 99.96% contaminants

Arrow Replacement Filter Elements:
 0.03u EKF510, EKF518, EKF528
 0.01u EKF510A, EKF518A, EKF528A

INDUSTRIAL SUPER HIGH FLOW COALESCING OIL REMOVING FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F511-24W	3"	620	250	225
F511-24T	3"	620	175	175
F519-24W	3"	770	250	225
F519-24T	3"	770	175	175
F529-24W	3"	1100	250	225
F529-24T	3"	1100	175	175

W metal bowl with visible sight
T includes External Float Drain Kit



F511 100oz metal bowls 22.35" H x 7.625" W
F519 200oz metal bowl 31.2" H x 7.625" W
F529 300oz metal bowl 41.45" H x 7.625" W

- 0.03 Micron element removes 99.96% contaminants

Arrow Replacement Filter Elements:
 0.03u EKF511, EKF519, EKF529
 0.01u EKF511A, EKF519A, EKF529A



T53W Float Drain Kit:
 • External Float Drain
 • V202 Slide Valve
 • (2) 1/4" Hex Nipples

ARROW PNEUMATICS OIL REMOVING FILTERS

Arrow F4 Oil Removing filters offer general industrial filtration with low pressure drop and long element life. They are often used with older air compressors where down-stream oil carryover is excessive and when longer element life and low pressure drop are a concern. Arrow F4 Series oil removing filters have a 0.9u Micron rating, which removes 99% of moisture vapor and oil.

INDUSTRIAL STANDARD FLOW OIL REMOVING FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F452W	3/8"	27	250	225
F452FW	3/8"	27	175	175
F452M	3/8"	27	250	225
F452FM	3/8"	27	175	175
F453W	1/2"	45	250	225
F453FW	1/2"	45	175	175
F453M	1/2"	45	250	225
F453FM	1/2"	45	175	175
F454W	3/4"	53	250	225
F454FW	3/4"	53	175	175
F454M	3/4"	53	250	225
F454FM	3/4"	53	175	175

W 6oz metal bowl with visible sight
M 6oz metal bowl without visible sight
F Includes 5200 Internal float drain

- 7.65" H x 2.75" W
- 0.9u Micron element removes 99% of contaminants
- 1/8" Manual drain standard (Petcock)
- Pop-Up indicator will alert an abnormal condition

Arrow Replacement Filter Element:
 0.9u EK45 (2)



INDUSTRIAL MID FLOW OIL REMOVING FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F474W	3/8"	83	250	225
F474FW	3/8"	83	175	175
F476W	1/2"	90	250	225
F476FW	1/2"	90	175	175

W 10oz metal bowl with visible sight
F Includes 5200 Internal float drain

- 8.25" H x 3.75" W
- 0.9u Micron element removes 99% of contaminants
- 1/8" Manual drain standard (Petcock)
- Pop-Up indicator will alert an abnormal condition

Arrow Replacement Filter Element:
 0.9u EK47



INDUSTRIAL MID FLOW OIL REMOVING FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F483W	3/8"	84	250	225
F483FW	3/8"	84	175	175
F484W	1/2"	116	250	225
F484FW	1/2"	116	175	175
F486W	3/4"	172	250	225
F486FW	3/4"	172	175	175
F488W	1"	175	250	225
F488FW	1"	175	175	175

W 20oz metal bowl with visible sight
F Includes 5200 Internal float drain

- 11.50" H x 3.75" W
- 0.9u Micron element removes 99% contaminants
- 1/8" Manual drain standard (Petcock)
- Pop-Up indicator will alert an abnormal condition

Arrow Replacement Filter Element:
 0.9u EK48



INDUSTRIAL HIGH FLOW OIL REMOVING FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F405-06W	3/4"	185	250	225
F405-06FW	3/4"	185	175	175
F405-08W	1"	185	250	225
F405-08FW	1"	185	175	175

W 29oz metal bowl with visible sight
F Includes 5200 Internal float drain

- 9.75" H x 4.85" W
- 0.9u Micron element removes 99% of contaminants
- 1/8" Manual drain standard (Petcock)

Arrow Replacement Filter Element:
 0.9u EKF405, 0.01u EKF405A



INDUSTRIAL SUPER HIGH FLOW OIL REMOVING FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F408-08W	1"	300	250	225
F408-08FW	1"	300	175	175
F408-10W	1 1/4"	300	250	225
F408-10FW	1 1/4"	300	175	175
F408-12W	1 1/2"	400	250	225
F408-12FW	1 1/2"	400	175	175

W 60oz metal bowl with visible sight
F Includes 5200 Internal float drain

- 1": 14.35" H x 4.875" W
- 1 1/4" & 1 1/2": 16.75" H x 5.16" W
- 0.9u Micron element removes 99% of contaminants
- 1/8" Manual drain standard (Petcock)

Arrow Replacement Filter Element:
 0.9u EKF408



Arrow F6 Adsorber filters were engineered specifically for critical applications that will not tolerate the presence of oil vapors. If compressed air has been prepared by a suitable refrigerated dryer and F5 Oil Removing filter, the F6 Adsorber will insure Oil concentrations of 0.01 PPM by weight. In all cases, an F5A Coalescing filter must precede an F6 Adsorber filter. This prevents any particle migration down-stream, an F3 with 3 micron element should be installed downstream of total system protection.

WARNING CRITICAL PROTECTION REQUIRES CHANGING OF ELEMENT AT REGULAR INTERVALS

INDUSTRIAL STANDARD FLOW CHARCOAL ADSORBER FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F652W	1/4"	24	250	225
F653W	3/8"	37	250	225
F654W	1/2"	37	250	225

W 6oz metal bowl with visible sight

- 7.65" H x 2.75" W
- Activated Charcoal Filter removes hydrocarbons
- 1/8" Manual drain standard (Petcock)
- Pop-Up indicator will alert an abnormal condition

Arrow Replacement Filter Element:
Charcoal Wrapped (2) EK65



INDUSTRIAL MID FLOW CHARCOAL ADSORBER FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F673W	3/8"	48	250	225
F674W	1/2"	56	250	225
F676W	3/4"	60	250	225
F678W	1"	65	250	225

W 10oz metal bowl with visible sight

- 8.25" H x 3.75" W
- Activated Charcoal Filter removes hydrocarbons
- 1/8" Manual drain standard (Petcock)
- Pop-Up indicator will alert an abnormal condition

Arrow Replacement Filter Element:
Charcoal Wrapped (2) EK67



INDUSTRIAL MID FLOW CHARCOAL ADSORBER FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F683W	3/8"	72	250	225
F684W	1/2"	90	250	225
F686W	3/4"	110	250	225
F688W	1"	120	250	225

W 20oz metal bowl with visible sight

- 11.50" H x 3.75" W
- Activated Charcoal Filter removes hydrocarbons
- 1/8" Manual drain standard (Petcock)
- Pop-Up indicator will alert an abnormal condition

Arrow Replacement Filter Element:
Charcoal Wrapped (2) EK68



INDUSTRIAL HIGH FLOW CHARCOAL ADSORBER FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F605-06W	3/4"	185	250	225
F605-08W	1"	185	250	225

W 29oz metal bowl with visible sight

- 9.75" H x 4.85" W
- Activated Charcoal Filter removes hydrocarbons
- 1/8" Manual drain standard (Petcock)

Arrow Replacement Filter Element:
Charcoal Wrapped (2) EK605



INDUSTRIAL SUPER HIGH FLOW CHARCOAL ADSORBER FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F608-08W	1"	300	250	225
F608-10W	1 1/4"	300	250	225
F608-12W	1 1/2"	400	250	225

W 60oz metal bowl with visible sight

- 1": 14.35" H x 4.875" W
- 1 1/4" & 1 1/2": 16.75" H x 5.16" W
- Activated Charcoal Filter removes hydrocarbons
- 1/8" Manual drain standard (Petcock)

Arrow Replacement Filter Element:
Charcoal Wrapped (2) EK608



INDUSTRIAL SUPER HIGH FLOW CHARCOAL ADSORBER FILTER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F610-08W	1"	420	250	225
F610-10W	1 1/4"	420	250	225
F610-12W	1 1/2"	475	250	225
F610-16W	2"	475	250	225

W 100oz metal bowl with visible sight

- 21" H x 6.50" W
- Activated Charcoal Filter removes hydrocarbons

Arrow Replacement Filter Element:
Charcoal Wrapped EK610



ARROW PNEUMATICS AIR PRESSURE REGULATORS

In-Line Air pressure regulators are used to reduce and maintain pressure at a level suitable for the device downstream. Pneumatic equipment operating at a higher than recommended pressure can cause excess torque, force and wear while simultaneously wasting compressed air. Pneumatic equipment operating below specified pressure can cause machines to fail to meet their design performance specifications. Precise pressure control is essential for efficient operation of air-powered equipment. An air line regulator is a control valve which reduces the upstream air supply pressure level to a specified constant downstream pressure. Installation, operation & maintenance instructions are included with each Arrow unit.

STANDARD FEATURES: ARROW AIR PRESSURE REGULATOR

- Adjustable Push Pull knob Style. T-Handle also available
- Additional gauge port on opposite side
- For safety lock out feature, simply remove regulator knob
- Reverse flow by inverting regulator knob or T-Handle

INDUSTRIAL MID FLOW AIR PRESSURE REGULATOR

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
R374	1/2"	215	250	125
R376	3/4"	220	250	125
R378	1"	250	250	125

Add **G** to include 0-160 PSI 102D-204F Gauge

- 5.85" H x 3.55" W
- Adjustable from 5-125 PSI



LIGHT DUTY STANDARD FLOW AIR PRESSURE REGULATOR

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
R352	1/4"	50	250	125
R353	3/8"	80	250	125
R354	1/2"	100	250	125

Add **G** to include 0-160 PSI 102D-204F Gauge

- 5.35" H x 2.85" W
- Adjustable from 5-125 PSI



INDUSTRIAL 250 PSI HIGH AIR PRESSURE REGULATOR

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
R354H	1/2"	100	250	250
R378TH	1"	250	250	250
R398H	1"	600	250	250

Add **G** to include 0-300 PSI 102D-204H Gauge

- Designed for High Pressure Systems
- Adjustable from 10-250 PSI



INDUSTRIAL HIGH FLOW AIR PRESSURE REGULATOR

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
R398	1"	600	250	125
R3910	1 1/4"	700	250	125
R3912	1 1/2"	700	250	125

Add **G** to include 0-160 PSI 102D-204F Gauge

- 9.50" H x 4.75" W
- Adjustable from 5-125 psi
- Adjustable T-handle with lock out nut



20 PSI PRESSURE REGULATOR INSTRUMENT PRESSURE

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
R162I	1/4"	25	250	20
R354I	1/2"	100	250	20
R378I	1"	250	250	20

Add **G** to include 0-30 PSI 102D-204C Gauge

- Designed for Low Instrument pressure
- Adjustable from 3-20 PSI



INDUSTRIAL MID FLOW FILTER / REGULATOR COMBO

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
B752W	1/4"	50	250	125
B752FW	1/4"	50	175	125
B753W	3/8"	80	250	125
B753FW	3/8"	80	175	125
B754W	1/2"	100	250	125
B754FW	1/2"	100	175	125
B756W	3/4"	150	250	125
B756FW	3/4"	150	175	125

W 6oz metal bowl with visible sight
F Includes 5200 Internal float drain
 Add **G** to include 0-160 PSI 102D-204F Gauge

- 9.75" H x 2.85" W
- Adjustable from 7-125 PSI
- 40 Micron filter element
- Adjustable push pull knob
- Manual twist drain or internal float drain

Arrow Replacement Filter Elements:
 40u (2) EK35, 5u (2) EK35-5, 3u (2) EK35-3



LIGHT DUTY STANDARD FLOW AIR PRESSURE REGULATOR

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
R332	1/4"	35	250	125
R333	3/8"	35	250	125
R334	1/2"	40	250	125

Add **G** to include 0-160 PSI 102D-204F Gauge

- 3.60" H x 2.50" W
- Adjustable from 5-125 PSI



MINI AIR PRESSURE REGULATOR

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
R161	1/8"	25	250	125
R162	1/4"	25	250	125

Add **G** to include 0-160 PSI 102D-158F Gauge

- 2.75" H x 1.50" W
- Adjustable from 5-125 PSI
- Adjustable push pull knob
- For safety lock out feature, remove regulator knob



INDUSTRIAL HIGH PRESSURE MID-FLOW FILTER / REGULATOR COMBO

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
B752HW	1/4"	50	250	250
B752FHW	1/4"	50	175	175
B753HW	3/8"	80	250	250
B753FHW	3/8"	80	175	175
B754HW	1/2"	100	250	250
B754FHW	1/2"	100	175	175
B756HW	3/4"	150	250	250
B756FHW	3/4"	150	175	175

W 6oz metal bowl with visible sight
F Includes 5200 Internal float drain
H Includes High PSI Spring (10-250)
 Add **G** to include 0-300 PSI 102D-204H Gauge

- 9.75" H x 2.85" W
- Adjustable from 10-250 PSI
- 40 Micron filter element
- Manual twist drain or internal float drain

Arrow Replacement Filter Elements:
 40u (2) EK35, 5u (2) EK35-5, 3u (2) EK35-3



LIGHT DUTY MID FLOW FILTER / REGULATOR COMBO

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
B752	1/4"	50	150	125
B753	3/8"	80	150	125
B754	1/2"	100	150	125

Add **G** to include 0-160 PSI 102D-204F Gauge

- 9.75" H x 2.85" W
- Adjustable from 7-125 PSI
- 40 Micron filter element
- 5oz Polycarbonate Bowl

Arrow Replacement Filter Elements:
 40u (2) EK35, 5u (2) EK35-5, 3u (2) EK35-3



MINI FILTER REGULATOR

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
B741	1/8"	20	150	125
B742	1/4"	20	150	125

- 6.25" H x 1.65" W
- Adjustable from 7-125 PSI
- 20 Micron filter element



ARROW PNEUMATICS LUBRICATORS/OILERS

Most Pneumatic system components and tools require oil lubrication for proper operation and longer service life. Too little oil can cause excessive wear and premature failure. Too much oil is wasteful and can become a dangerous contaminant when carried over with the air exhaust. Pneumatic equipment can be lubricated through the use of an Air In-line Lubricator/Oiler. Installation, operation & maintenance instructions are included with each Arrow unit.

LIGHT INDUSTRIAL/RESIDENTIAL LUBRICATOR / OILER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
L352	1/4"	16	150	150
L353	3/8"	82	150	150
L354	1/2"	142	150	150



- 7" H x 2.75" W
- 3-Position non rising adjustment knob
- Lubricator may be filled without shutting down air-line
- Oil delivery at low air flow approx 2 CFM
- 5oz poly bowl with metal bowl guard
- SAE 10 oil or lighter

LIGHT INDUSTRIAL/RESIDENTIAL LUBRICATOR / OILER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
L352W	1/4"	16	150	150
L353W	3/8"	82	150	150
L354W	1/2"	142	150	150



- W 6oz metal bowl with visible sight**
- 7" H x 2.75" W
 - 3-Position non rising adjustment knob
 - Lubricator may be filled without shutting down air-line
 - Oil delivery at low air flow approx 2 CFM
 - 6oz metal bowl with visible sight
 - SAE 10 oil or lighter

MID FLOW INDUSTRIAL LUBRICATOR / OILER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
L373W	3/8"	82	200	200
L374W	1/2"	142	200	200
L376W	3/4"	142	200	200



W 10oz metal bowl with visible sight

- 8.50" H x 3.75" W
- 3-Position non rising adjustment knob
- Lubricator may be filled without shutting down air-line
- Oil delivery at low air flow approx 2 CFM
- SAE 10 oil or lighter

MID FLOW INDUSTRIAL LUBRICATOR / OILER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
L383W	3/8"	82	200	200
L384W	1/2"	142	200	200
L386W	3/4"	142	200	200



W 20oz metal bowl with visible sight

- 11.40" H x 3.75" W
- 3-Position non rising adjustment knob
- Lubricator may be filled without shutting down air-line
- Oil delivery at low air flow approx 2 CFM
- SAE 10 oil or lighter

STANDARD FLOW INDUSTRIAL PARTICULATE FILTER WATER TRAP

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
L332W	1/4"	16	200	200
L333W	3/8"	50	200	200
L334W	1/2"	80	200	200



W 4oz metal bowl with visible sight

- 4.75" H x 2.75" W
- 3-Position non rising adjustment knob
- Oil delivery at low air flow approx 2 CFM

MINI LUBRICATOR / OILER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
L181	1/8"	16	150	150
L182	1/4"	16	150	150



- 5" H x 1.35" W
- Equipped with adjustment screw
- Visible drip rate
- Requires only 0.1 CFM of air to operate
- 1oz poly bowl
- SAE 10 oil or lighter

PNEUMATIC TOOL LUBRICANT FOR LUBRICATORS / OILERS

MODEL	SIZE	DESCRIPTION
LUBE-QT	1 QUART	PNEUMATIC TOOL LUBRICANT
LUBE-GAL	1 GALLON	



STANDARD FLOW LIGHT INDUSTRIAL / RESIDENTIAL LUBRICATOR / OILER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
L452	1/4"	16	150	150
L453	3/8"	82	150	150
L454	1/2"	142	150	150



- 7" H x 2.75" W
- 3-Position non rising adjustment knob
- Lubricator may be filled without shutting down air-line
- Oil delivery at low air flow approx 2 CFM
- 5oz poly bowl with metal bowl guard
- SAE 10 oil or lighter

STANDARD FLOW INDUSTRIAL LUBRICATOR / OILER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
L452W	1/4"	16	200	200
L453W	3/8"	82	200	200
L454W	1/2"	142	200	200



W 6oz metal bowl with visible sight

- 7" H x 2.75" W
- 3-Position non rising adjustment knob
- Lubricator may be filled without shutting down air-line
- Oil delivery at low air flow approx 2 CFM
- 6oz metal bowl with visible sight
- SAE 10 oil or lighter

MID FLOW INDUSTRIAL LUBRICATOR / OILER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
L483W	3/8"	82	200	200
L484W	1/2"	142	200	200
L486W	3/4"	142	200	200



W 20oz metal bowl with visible sight

- 11.40" H x 3.75" W
- 3-Position non rising adjustment knob
- Lubricator may be filled without shutting down air-line
- Oil delivery at low air flow approx 2 CFM
- SAE 10 oil or lighter

MID FLOW INDUSTRIAL LUBRICATOR / OILER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
L473W	3/8"	82	200	200
L474W	1/2"	142	200	200
L476W	3/4"	142	200	200



W 10oz metal bowl with visible sight

- 8.50" H x 3.75" W
- 3-Position non rising adjustment knob
- Cannot be refilled under pressure
- Oil delivery at low air flow approx 2 CFM

STANDARD FEATURES: HIGH FLOW INDUSTRIAL LUBRICATORS

- Simple, trouble free design cannot be overfilled
- Greater bowl capacity extends intervals between filling Bowl
- 4 way valves accommodate reverse/downstream flow
- Automatically maintains air-oil ratio regardless air flow variations
- Lubricator may be filled without shutting down air-line
- Always use SAE 10 oil or lighter

HIGH FLOW INDUSTRIAL LUBRICATOR/OILER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
4106W	3/4"	175	200	200
4108W	1"	175	200	200
4112W	1 1/2"	175	200	200



W 29oz metal bowl with visible sight

- 3/4" & 1": 8.50" H x 4.45" W
- 1 1/2": 9" H x 5.25" W
- 30 CFM to establish drip rate 4106 & 4108
- 50 CFM to establish drip rate 4112

HIGH FLOW INDUSTRIAL LUBRICATOR/OILER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
4106LCM	3/4"	175	250	200
4108LCM	1"	175	250	200
4112LCM	1 1/2"	175	250	200



60oz metal bowl NO sight

- 13.50" H x 4.45" W
- 30 CFM to establish drip rate
- 4106LCM & 4108LCM
50 CFM to establish drip rate 4112LCM

ARROW IN-LINE DESICCANT AIR DRYERS

Arrow In-Line Desiccant Dryers absorb moisture by the means of desiccant beads. As the filtered compressed air enters the dryer, the air is distributed uniformly through the full desiccant bed at the bottom of the bowl. As the desiccant reacts to the moisture, a dramatic and highly visible color change from blue to pink will occur. When beads turn pink it's time to changed or regenerate. For maximum performance and efficiency, In-Line desiccant dryers should always be preceded by a particulate / Water removing Filter & Oil removing Filter with a minimum 1 micron rating. Installation, operation & maintenance instructions are included with each Arrow unit.

STANDARD FEATURES: IN-LINE DESICCANT AIR DRYER

- Drying efficiency can be tailored down to -30°F pressure dew point
- Always install an F5 coalescing filter upstream of desiccant air dryers
- NOT to be used with breathing systems
- Each unit equipped with a built-in particulate after-filter which prevents downstream dust
- Each unit comes complete with desiccant beads
- Exclusive intake flow design takes air through entire supply of desiccant for maximum drying capacity

INDUSTRIAL STANDARD FLOW IN-LINE DESICCANT AIR DRYER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
D05-03	3/8"	5	250	214
D10-04	1/2"	15	250	214

- 8.25" H x 3.75" W
- 10oz metal bowl with visible sight
- Includes 1 Quart of desiccant beads

Arrow Replacement Filter Element:
EKD05 Particulate filter element kit



INDUSTRIAL MID FLOW IN-LINE DESICCANT AIR DRYER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
D10-04	1/2"	15	250	215
D10-04XL	1/2"	25	250	215

D10-04 8.25" H x 4.75" W (1QT Bowl)

D10-04 includes 1 Quart of Desiccant beads

D10-04XL 13.50" H x 4.75" W (2 QT Bowl)

D10-04XL includes 2 Quarts of Desiccant beads

Arrow Replacement Filter Elements:

EKD10 Particulate filter element Kit (D10-04)

EKD10XL Particulate filter element Kit (D10-04XL)



INDUSTRIAL MID FLOW IN-LINE DESICCANT AIR DRYER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
D12-04	1/2"	15	250	215
D12-04XL	1/2"	25	250	215
D12-04XXL	1/2"	30	250	215
D12-06	3/4"	50	250	215
D25-06	3/4"	50	250	215

D12-04 8.25" H x 4.75" W (1QT Bowl)

D12-04 includes 1 Quart of Desiccant beads

D12-04XL 13.50" H x 4.75" W (2 QT Bowl)

D12-04XL includes 2 Quarts of Desiccant beads

D25-06 17.75" H X 6.75" W

D25-06 includes 1 gallon of desiccant

Arrow Replacement Filter Elements:

EKD1204 Particulate filter element Kit (D12-04)

EKD1204XL Particulate filter element Kit (D12-04XL)

EKD1206 Particulate filter element Kit (D12-04XXL)

EKD1206 Particulate filter element Kit (D12-06)

EKD25 Particulate filter element Kit (D25-06)



5-STAGE DISPOSABLE FILTER IN-LINE DESICCANT AIR DRYER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
CA 20-2	1/2"	30	120	120
CA 20-3	1/2"	40	120	120

STAGE 1: 0.40 micron sintered bronze filter removes dirt particles and debris

STAGE 2: Oil Removing Activated Charcoal removes all oil vapor, and oil down to .0015 parts per million

STAGE 3: Sintered bronze separator separates the activated charcoal from the desiccant beads and removes charcoal dust

STAGE 4: Desiccant Beads lower dew point to -30°F and removes all water vapor

When all beads turn from blue to pink, it is time to replace the removable cartridge

STAGE 5: 0.40 micron sintered bronze filter prevents desiccant dust or other particles from entering compressed air system



PLEASE NOTE:

DESICCANT BEADS WILL CHANGE COLOR FROM BLUE TO PINK WHEN IT'S TIME TO REPLACE OR REGENERATE

INDUSTRIAL MID FLOW 2-STAGE COALESCING FILTER & DESICCANT DRYER COMBO

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
D7612	1/2"	15	250	215

STAGE 1: Coalescing Filter (F554W Series)

- 0.03u Micron element
- 5oz metal bowl with visible sight
- Pop-Up indicator lets you know when to change oil removing filter element



STAGE 2: Desiccant Air Dryer (D12-04 Series)

- 0.01u Micron element
- 1 Quart Metal bowl with visible sight
- Includes Desiccant for 1 cycle

Arrow Replacement Filter Element:

Coalescing Filter Element EK55 (2)



INDUSTRIAL MID FLOW 3-STAGE PARTICULATE COALESCING FILTER & DESICCANT DRYER COMBO

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
VC7510	1/2"	15	250	215
VC7510XL	1/2"	25	250	215
VC7525	1/2"	50	250	215

VC7510 11.75" H X 14.75" W

VC7510XL 16.50" H X 14.75" W

VC7525 20.25" H X 16.50" W

STAGE 1: Filter Regulator (B754W Series)

- 40u Micron element
- 5oz metal bowl with visible sight
- Adjustable pressure range 7-125 PSI

STAGE 2: Coalescing Filter (F554W Series)

- 0.01u Micron element
- 5oz metal bowl with visible sight
- Pop-Up indicator lets you know when to change the oil removing filter element

STAGE 3: Desiccant Air Dryer (D12-04 Series)

- 1 Quart Metal bowl with visible sight
- Includes Desiccant for 1 cycle

Arrow Replacement Filter Elements:

Coalescing Filter Element EK35-5

Coalescing Filter Element EK55A (2)



INDUSTRIAL MID FLOW 4-STAGE PARTICULATE COALESCING FILTER & DESICCANT DRYER COMBO

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
C7612XL	1/2"	25	250	215
C7612XXL	1/2"	30	250	215

C7612XL 22" H X 15.50" W

C7612XXL 27" H X 15.50" W

STAGE 1: F354W

- 40u Particulate Filter
- 5oz metal bowl with visible sight

STAGE 2: F554W

- 0.01u Coalescing Filter
- 5oz metal bowl with visible sight

STAGE 3: Desiccant Air Dryer

- 1 Quart Metal bowl with visible sight
- Includes Desiccant for 1 cycle

STAGE 4: B754W

- 40u Filter Regulator
- Adjustable from 7-125 PSI
- 5oz metal bowl with visible sight



ARROW FILTER REGULATOR LUBRICATOR COMBINATION

STAGE 1: Particulate filters remove larger amounts of harmful oil & water condensate, pipe scale, dirt and rust from compressed air systems. The combination unit includes modular wall mounting brackets that conjoin each stage of the In-Line FRL system

STAGE 2: In-Line Air pressure regulators are used to reduce and maintain pressure at a level suitable for the device downstream. Adjustable push pull style knob can be removed for a safety lock-out feature

STAGE 3: In-line lubricators / oilers provide lubrication to pneumatic tools and equipment that requires lube to function properly. A consistent supply of lubrication promotes a longer service life of the equipment. Easily adjustable drop rate. We recommend our LUBE-QT / GAL or any lubricant that is SAE 10 or lighter

LIGHT DUTY STANDARD 3-STAGE FILTER / REGULATOR / LUBRICATOR

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
C33352	1/4"	48	250	125
C33352F	1/4"	48	175	125
C33353	3/8"	75	250	125
C33353F	3/8"	75	175	125
C33354	1/2"	100	250	125
C33354F	1/2"	100	175	125

F Includes 5200 Internal float drain

- 8.25" H x 11" W

STAGE 1: Particulate Filter (F35 Series):

- 40u Micron re-cleanable sintered bronze element
- 5oz Poly bowl with metal bowl guard
- Manual push drain standard

STAGE 2: Air Regulator (R35 Series)

- Pressure ranges 7-125 PSI
- Includes Pressure Gauge

STAGE 3: Lubricator (L35 Series)

- Poly bowl with metal bowl guard
- Easily adjustable drop rate

STANDARD FEATURES: ARROW 3-STAGE FRL

- Stage 1 Filter: 40u Micron re-cleanable bronze element standard
- 1/8" Manual drain standard (Petcock)
- Adjustable Push Pull knob Style
- For safety lock out feature, simply remove regulator knob
- Dry Back Mount Gauge INCLUDED on all Arrow Combo units with regulator
- All modular units come with IK & IBK wall mounting brackets



INDUSTRIAL STANDARD FLOW 3-STAGE FILTER / REGULATOR / LUBRICATOR

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
C33352W	1/4"	48	250	125
C33352FW	1/4"	48	175	125
C33352HW	1/4"	48	250	250
C33353W	3/8"	75	250	125
C33353FW	3/8"	75	175	125
C33353HW	3/8"	100	250	250
C33354W	1/2"	75	250	125
C33354FW	1/2"	75	175	125
C33354HW	1/2"	100	250	250

W 5oz metal bowl with visible sight

F Includes 5200 Internal float drain

H Equipped with High PSI Spring (10-250)

- 8.25" H x 11" W

STAGE 1: Particulate Filter (F35 Series):

- 40u Micron re-cleanable sintered bronze element
- 5oz Poly bowl with metal bowl guard
- Manual push drain standard

STAGE 2: Air Regulator (R35 Series)

- Pressure ranges 7-125 PSI or 10-250 PSI
- Includes Pressure Gauge

STAGE 3: Lubricator (L35 Series)

- 5oz metal bowl with visible sight
- Easily adjustable drop rate



INDUSTRIAL MID FLOW 3-STAGE FILTER / REGULATOR / LUBRICATOR

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
N33474W	1/2"	142	250	125
N33474FW	1/2"	142	175	125
N33474HW	1/2"	142	250	250
N33476W	3/4"	142	250	125
N33476FW	3/4"	142	175	125
N33476HW	3/4"	142	250	250

W 10oz metal bowl with visible sight

F Includes 5200 Internal float drain

H Equipped with High PSI Spring (10-250)

- 8.25" H x 12.85" W

STAGE 1: Particulate Filter (F37 Series):

- 40u Micron
- 10oz metal with visible sight
- Manual push drain standard

STAGE 2: Pressure Regulator (R37 Series)

- Adjustable from 7-125 or 10-250 with H option
- Comes with dry Back mount gauge

STAGE 3: Lubricator / Oiler (L37 Series)

- 10oz metal bowl with visible sight
- Easily adjustable drop rate



INDUSTRIAL MID FLOW 3-STAGE FILTER / REGULATOR / LUBRICATOR

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
N33384W	1/2"	160	250	125
N33384WF	1/2"	160	175	125
N33384WH	1/2"	160	250	250
N33386W	3/4"	230	250	125
N33386WF	3/4"	230	175	125
N33386WH	3/4"	230	250	250

W 20oz metal bowl with visible sight

F Includes 5200 Internal float drain

H Equipped with High PSI Spring (10-250)

- 8.25" H x 11" W

STAGE 1: Particulate Filter (F38 Series):

- 40u Micron re-cleanable sintered bronze element
- 5oz Poly bowl with metal bowl guard
- Manual push drain standard

STAGE 2: Air Regulator (R38 Series)

- Pressure ranges 7-125 PSI or 10-250 PSI

STAGE 3: Lubricator (L38 Series)

- 5oz metal bowl with visible sight
- Easily adjustable drop rate



POLYCARBONATE BOWLS
MODEL
BKF35
BKF300
BK1811
BKL35
BKF300J & Piston Drain

METAL BOWL KIT NO VISIBLE SIGHT GLASS
MODEL
BKF45M
BKF47M
BKF48M
BKF300M
BKF329M
BKF364M
BKF510
BKF518
BKF528
BK4106M
BK1811M
BKL45M
BKL47M
BKL48M

METAL BOWL KIT WITH VISIBLE SIGHT GLASS
MODEL
BKF45W
BKF47W
BKF48W
BKF300KM & Overnight Drain
BKF329W
BKF364W
BKF510W
BKF518W
BKF528W
BK4106W
BK4106LCM 2 Qt
BKL45W
BKL47W
BKL48W
BKD05W-1
BKD10
BKD10XL
BKD1204
BKD1204XL
BKD1206
BKD25

SIGHT GLASS KITS
MODEL
WK35
WK45
WK57
BSF510
SKD05
SKD10

REPAIR KITS
MODEL
RKF33
RKF35
RKF37
RKF38
RKF45
RKF47
RKF48
RKF329
RKF3N1
RKF500
RKF505
RKF508
RKF511
RKF519
RKF529
RK1812
RK4106
RK4112
RKL352
RKL372
RKL452
RKL472
RKL482
RKD05-1
RKD10
RKD10XL
RKD1204
RKD1204XL
RKD1206

INDICATOR POP-UP KIT
MODEL
DPK-05

DIAPHRAGM KITS
MODEL
DK35
DK35N
DK39
DK39N
RK260
RK260N

VALVE KITS
MODEL
VK35
VK37
VK39
VK740
VKB75

SPRING KITS
MODEL
SK260
SK260I
SK260L
SK35
SK35H
SK35I
SK35L
SK39
SK39H
SK39L

SPRING CAGE KITS
MODEL
RB260
SC35
SC35T
SC39

DOME KITS
MODEL
AK35
AK37

FILL PLUG KITS
MODEL
FK35
FK37

WALL MOUNTING BRACKETS
MODEL
FBK3
FBK5
FBK7

MOUNTING BRACKETS
MODEL
RBK5
RBK7
RBK39

MOUNTING BRACKET KITS
MODEL
PKR35
PMKR35
PK1611
BR1611
IBK5

OSHA
MODEL
V252
V253
V254
VIK252
VIK253
VIK254

PIPE PORT INSERTS
MODEL
IK52
IK53
IK54
IK55

INSERT & O-RING KIT
MODEL
IK05
IK50

For information on Arrow Pneumatics replacement parts—including correlations to Arrow FRL series & pricing— please visit controlsandcomponents.com
Detailed part breakdowns are also available in our Price Book and Excel Price File. If you have any questions, feel free to contact us.

THB PARTICULATE FILTER / WATER TRAPS

Particulate filters remove harmful oil & water condensate, pipe scale, dirt and rust from compressed air systems. This prevents corrosive damage to compressed air equipment & finished products. Typically, particulate filters are installed upstream of regulators to prevent valve failure. They are also used as pre-filters to oil removing & coalescing filters to ensure high efficiency & long element life. Installation, operation & maintenance instructions are included with each THB unit.

STANDARD FEATURES: THB PARTICULATE FILTER WATER TRAPS

- 5u Micron element removes 95% of moisture and larger contaminants from compressed air lines
- View moisture levels at a glance through visible sight glass or polycarbonate bowls
- Particulate Filters are your first line of defense against moisture when installed upstream of oil removing filters and dryer systems

INDUSTRIAL MID FLOW PARTICULATE FILTER (7000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F704	1/2"	120	250	215
F704A	1/2"	120	175	175
F706	3/4"	130	250	215
F706A	3/4"	130	175	175

A includes D51 Internal float drain

- 8" H x 2.75" W
- 5 Micron micro-fiber element
- 5oz metal bowl with visible sight
- Manual push standard
- Includes wall mounting bracket

THB Replacement Filter:

Replacement 5u element F7607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



INDUSTRIAL MID FLOW PARTICULATE FILTER (9000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F904	1/2"	130	250	215
F904A	1/2"	130	175	175
F906	3/4"	150	250	215
F906A	3/4"	150	175	175
F908	1"	175	250	215
F908A	1"	175	175	175

A includes D51 Internal float drain

- 11" H x 3.70" W
- 5 Micron micro-fiber element
- 11oz metal bowl with visible sight
- Manual push standard
- Includes wall mounting bracket

THB Replacement Filter:

Replacement 5u element F9607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



LIGHT DUTY STANDARD FLOW PARTICULATE FILTER (8000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F892	1/4"	85	215	150
F893	3/8"	85	215	150
F894	1/2"	100	215	150

- 6.6" H x 3.25" W
- Light Industrial/Residential
- 5u Micron sintered bronze element
- 2.7oz poly bowl with metal bowl guard
- Semi-automatic drain only

THB Replacement Filter:

Replacement 5u element F8107



MINI PARTICULATE FILTER (2000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F202	1/4"	38	150	140

- 4.5" H x 1.5" W
- (MINI) Light industrial/residential
- 5u Micron sintered bronze element
- 1oz poly bowl
- Semi-automatic drain only
- Includes wall mounting bracket

THB Replacement Filter:

Replacement 5u element F2407



DRAINAGE BOWL TYPES



Manual Drain
Standard Push-Button to release moisture contents (7000 & 9000 SERIES ONLY)



Internal Float (AUTO) Drain
D51 Internal Float drain will automatically release moisture contents when internal float rises. Auto Drains should be replaced every 6-12 months (7000 & 9000 SERIES ONLY)



Semi-Automatic Drain (Poly Bowls only)
Semi-Auto Drain releases moisture contents when less than 15 PSI is applied to bowl. Very similar to an overnight drain (2000 & 8000 SERIES ONLY)

Coalescing filters are for high filtration of oil aerosols & sub micron particles. Used with critical instrumentations, paint spraying equipment, and sophisticated air systems. Coalescing filters function differently than standard particulate filters, air flows from inside to outside through a coalescing media. For maximum performance & efficiency, coalescing filters should be preceded by particulate/water removing filter. Installation, operation & maintenance instructions included with each THB unit.

INDUSTRIAL MID FLOW COALESCING OIL REMOVING FILTER (7000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FM764	1/2"	130	250	215
FM764A	1/2"	130	175	175
FM766	3/4"	150	250	215
FM766A	3/4"	150	175	175

A includes D51 Internal float drain

- 9.25" H x 2.75" W
- 0.01u Micron element removes 99.98% contaminants
- 5oz metal bowl with visible sight
- Manual push standard
- Pop-Up indicator will alert an abnormal condition
- Includes wall mounting bracket

THB Replacement Filter:

Replacement 0.01u element **FM7607**

THB Replacement:

Replacement (AUTO) Internal Float drain **D51**



INDUSTRIAL MID FLOW COALESCING OIL REMOVING FILTER (9000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FM964	1/2"	140	250	215
FM964A	1/2"	140	175	175
FM966	3/4"	160	250	215
FM966A	3/4"	160	175	175
FM968	1"	180	250	215
FM968A	1"	180	175	175

A includes D51 Internal float drain

- 13.25" H x 3.70" W
- 0.01u Micron element removes 99.98% contaminants
- 11oz metal bowl with visible sight
- Manual push standard
- Includes Pressure Gauge
- Includes wall mounting bracket

THB Replacement Filter:

Replacement 0.01u element **FM9607**

THB Replacement:

Replacement (AUTO) Internal Float drain **D51**



LIGHT DUTY STANDARD FLOW COALESCING OIL REMOVING FILTER (8000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FM862	1/4"	65	215	150
FM863	3/8"	80	215	150
FM864	1/2"	80	215	150

- 8" H x 3.25" W
- 0.01u Micron element removes 99.98% contaminants
- 2.7oz Poly Bowl with Metal bowl guard
- Semi-Automatic Drain only
- Pop-Up indicator will alert an abnormal condition

THB Replacement Filter:

Replacement 0.01u element **FM8607**



Maintenance Note

Particulate filter elements & Internal Float (Auto) Drains should be replaced every 6-12 months, or as needed

WARNING:

POLYCARBONATE PLASTIC BOWLS COULD RUPTURE IF EXPOSED TO INCOMPATIBLE CHEMICALS WHETHER INSIDE OR OUTSIDE THE BOWL. IF SUCH CHEMICALS ARE PRESENT, USE A METAL BOWL.

THB AIR PRESSURE REGULATORS

In-Line Air pressure regulators are used to reduce and maintain pressure at a level suitable for the device downstream. Pneumatic equipment operating at a higher than recommended pressure can cause excess torque, force and wear while simultaneously wasting compressed air. Pneumatic equipment operating below specified pressure can cause machines to fail to meet their design performance specifications. Precise pressure control is essential for efficient operation of air-powered equipment. An air line regulator is a control valve which reduces the upstream air supply pressure level to a specified constant downstream pressure. Installation, operation & maintenance instructions are included with each THB unit.

STANDARD FEATURES: IN-LINE AIR PRESSURE REGULATORS

- Secondary gauge port located backside of manifold
- Back mount gauge included
- Reverse flow by inverting regulator vertically
- For safety lock-out feature, simply remove regulator knob
Lock nut on T-Handle Series
- Each unit includes wall mounting bracket

INDUSTRIAL MID FLOW AIR PRESSURE REGULATOR (7000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
R704	1/2"	125	250	215
R706	3/4"	140	250	215

- 5.15" H x 2.75" W
- Back mount dry pressure gauge included
- Adjustable Pressure range 7-215 PSI
- Adjustable Push Pull Knob



INDUSTRIAL MID FLOW AIR PRESSURE REGULATOR (9000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
R904	1/2"	140	250	215
R906	3/4"	160	250	215
R908	1"	180	250	215

- 6.50" H x 3.70" W
- Back mount dry pressure gauge included
- Adjustable Pressure range 7-215 PSI
- Adjustable Push Pull Knob



INDUSTRIAL MID FLOW HIGH AIR PRESSURE REGULATOR (9000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
R936	3/4"	180	725	570
R938	1"	180	725	570

- 7.75" H x 3.50" W
- High-flow, High Pressure industrial
- Back mount Liquid pressure gauge included
- Adjustable Pressure range 7-570 PSI
- T-handle equipped with safety lock out nut



LIGHT DUTY STANDARD FLOW AIR PRESSURE REGULATOR (8000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
R892	1/4"	61	215	145
R893	3/8"	88	215	145
R894	1/2"	105	215	145

- 5" H x 3.25" W
- Back mount dry pressure gauge included
- Adjustable Pressure range 7-145 PSI
- Adjustable Push Pull Knob



MINI AIR PRESSURE REGULATOR (2000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
R152	1/4"	38	150	140
R152G	1/4"	38	150	140
R202	1/4"	50	150	140

- 3.05" H x 1.50" W
- (MINI) Light industrial/residential
- Gauge NOT included on R152 & R202
- R152G comes with gauge
- Adjustable Pressure range 7-145 PSI
- Adjustable Push Pull Knob



THB INTEGRAL FILTER/REGULATOR COMBINATIONS

In-Line Filter Regulator combines the functionality of an air pressure regulator with a particulate moisture removing filter. These integral style units are perfect for applications where space is an issue. The upper In-Line regulator adjusts the incoming air pressure. The lower Particulate Filter removes harmful oil & water condensate, pipe scale, dirt and rust from compressed air systems. Installation, operation and maintenance instructions are included with each THB unit.

STANDARD FEATURES: INTEGRAL FILTER REGULATORS (PIGGYBACK)

- 5u Micron element removes 95% of moisture and larger contaminants from compressed air lines
- View moisture levels at a glance through visible sight glass or polycarbonate bowl
- Wall Mounting bracket and back mount gauge included
- Adjustable Push Pull Knob
- For safety lock-out feature, simply remove regulator knob

INDUSTRIAL MID FLOW PARTICULATE FILTER / PRESSURE REGULATOR (7000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FR724	1/2"	120	250	215
FR724A	1/2"	120	175	175
FR726	3/4"	130	250	215
FR726A	3/4"	130	175	175

A includes D51 Internal float drain

- 12.50" H x 2.75" W
- 5 Micron micro-fiber element
- 5oz metal bowl with visible sight
- Manual push drain standard
- Pressure ranges 7-175 or 7-215 PSI

THB Replacement Filter:

Replacement 5u element F7607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



INDUSTRIAL MID FLOW PARTICULATE FILTER / PRESSURE REGULATOR (9000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FR924	1/2"	130	250	215
FR924A	1/2"	130	175	175
FR926	3/4"	160	250	215
FR926A	3/4"	160	175	175
FR928	1"	180	250	215
FR928A	1"	180	175	175

A includes D51 Internal float drain

- 14.50" H x 3.70" W
- 5 Micron micro-fiber element
- 11oz metal bowl with visible sight
- Manual push standard
- Pressure ranges 7-175 or 7-215 PSI

THB Replacement Filter:

Replacement 5u element F9607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



Maintenance Note

Particulate filter elements & Internal Float (Auto) Drains should be replaced every 6-12 months, or as needed

LIGHT DUTY STANDARD FLOW PARTICULATE FILTER / PRESSURE REGULATOR (8000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FR892	1/4"	62	215	145
FR893	3/8"	88	215	145
FR894	1/2"	105	215	145

- 9.25" H x 3.25" W
- 5u Micron sintered bronze element
- 2.7oz poly bowl with metal guard
- Semi-automatic drain only
- Adjustable Pressure range 7-145 PSI

THB Replacement Filter:

Replacement 5u element F8107



MINI PARTICULATE FILTER REGULATOR (2000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FR202	1/4"	i	150	145

- 6.90" H x 1.50" W
- 5 Micron sintered bronze element
- 1oz poly bowl
- Semi-automatic drain only
- Adjustable Pressure range 7-145 PSI

THB Replacement Filter:

5u replacement element F2407



WARNING:

POLYCARBONATE PLASTIC BOWLS COULD RUPTURE IF EXPOSED TO INCOMPATIBLE CHEMICALS WHETHER INSIDE OR OUTSIDE THE BOWL. IF SUCH CHEMICALS ARE PRESENT, USE A METAL BOWL.

Most Pneumatic system components and tools require oil lubrication for proper operation and longer service life. Too little oil can cause excessive wear and premature failure. Too much oil is wasteful and can become a dangerous contaminant when carried over with the air exhaust. Pneumatic equipment can be lubricated through the use of an Air In-line Lubricator/Oiler. Installation, operation & maintenance instructions are included with each THB unit.

INDUSTRIAL MID FLOW LUBRICATOR / OILER (7000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
L704	1/2"	140	250	215
L706	3/4"	140	250	215

- 8" H x 2.75" W
- Flow rate is 5 drops per minute or greater
- Easily adjustable drop rate
- 5oz metal bowl with visible sight
- SAE 10 or lighter recommended
- Includes wall mounting bracket



INDUSTRIAL MID FLOW LUBRICATOR / OILER (9000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
L904	1/2"	150	250	215
L906	3/4"	160	250	215
L908	1"	180	250	215

- 11" H x 3.70" W
- Flow rate is 5 drops per minute or greater
- Easily adjustable drop rate
- 11oz metal bowl with visible sight
- SAE 10 or lighter recommended
- Includes wall mounting bracket



LIGHT DUTY STANDARD FLOW LUBRICATOR / OILER (8000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
L892	1/4"	61	215	145
L893	3/8"	88	215	145
L894	1/2"	105	215	145

- 6.75" H x 3.25" W
- Flow rate is 5 drops per minute or greater
- Easily adjustable drop rate
- 2.7oz Poly bowl with metal bowl guard
- SAE 10 or lighter recommended
- Wall mounting bracket NOT available



MINI LUBRICATOR / OILER (2000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
L202	1/4"	38	150	140

- 4.50" H x 1.50" W
- Flow rate is 5 drops per minute or greater
- Easily adjustable drop rate
- 1oz Poly bowl
- SAE 10 or lighter recommended
- Includes wall mounting bracket



PNEUMATIC TOOL LUBRICANT FOR LUBRICATORS / OILERS

MODEL	SIZE	DESCRIPTION
LUBE-QT	1 QUART	PNEUMATIC TOOL LUBRICANT
LUBE-GAL	1 GALLON	



Don't see your THB Item in our catalog?

Please email the part number to info@controlsandcomponents.com for us to check price & availability

THB In-Line Desiccant Dryers absorb moisture by the means of desiccant beads. As the filtered compressed air enters the dryer, the air is distributed uniformly through the full desiccant bed at the bottom of the bowl. As the desiccant reacts to the moisture, a dramatic and highly visible color change from blue to pink will occur. When beads turn pink it's time to change or regenerate. For maximum performance and efficiency, In-Line desiccant dryers should always be preceded by a particulate / Water removing Filter & Oil removing Filter with a minimum 1 micron rating. Installation, operation & maintenance instructions are included with each THB unit.

INDUSTRIAL MID FLOW IN-LINE DESICCANT AIR DRYER (7000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
LM764	1/2"	140	250	215
LM766	3/4"	140	250	215

- 7.50" H x 2.75" W
- Always installed after a low micron filter
- 5oz metal bowl with visible sight
- Includes 2 desiccant bead bags for 1 cycle
- Bead fill level is clearly marked on bowl
- Includes wall mounting bracket



INDUSTRIAL MID FLOW IN-LINE DESICCANT AIR DRYER (9000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
LM964	1/2"	140	250	215
LM966	3/4"	150	250	215
LM968	1"	160	250	215

- 10.25" H x 3.70" W
- Always installed after a low micron filter
- 11oz metal bowl with visible sight
- Includes 4 desiccant bead bags for 1 cycle
- Bead fill level is clearly marked on bowl
- Includes wall mounting bracket



LIGHT DUTY IN-LINE DESICCANT AIR DRYER (8000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
LM862	1/4"	65	215	150
LM863	3/8"	80	215	150
LM864	1/2"	80	215	150

- 7.50" H x 3.25" W
- Always installed after a low micron filter
- 2.7oz Poly bowl with metal bowl guard
- Includes 2 desiccant bead bags for 1 cycle
- Bead fill level is clearly marked on bowl
- Wall mounting bracket **NOT** available



DESICCANT BEADS

MODEL	SIZE
34189	1 Quart
34417	1 Gallon



PLEASE NOTE:
DESICCANT BEADS WILL CHANGE COLOR FROM BLUE TO PINK WHEN IT'S TIME TO REPLACE OR REGENERATE

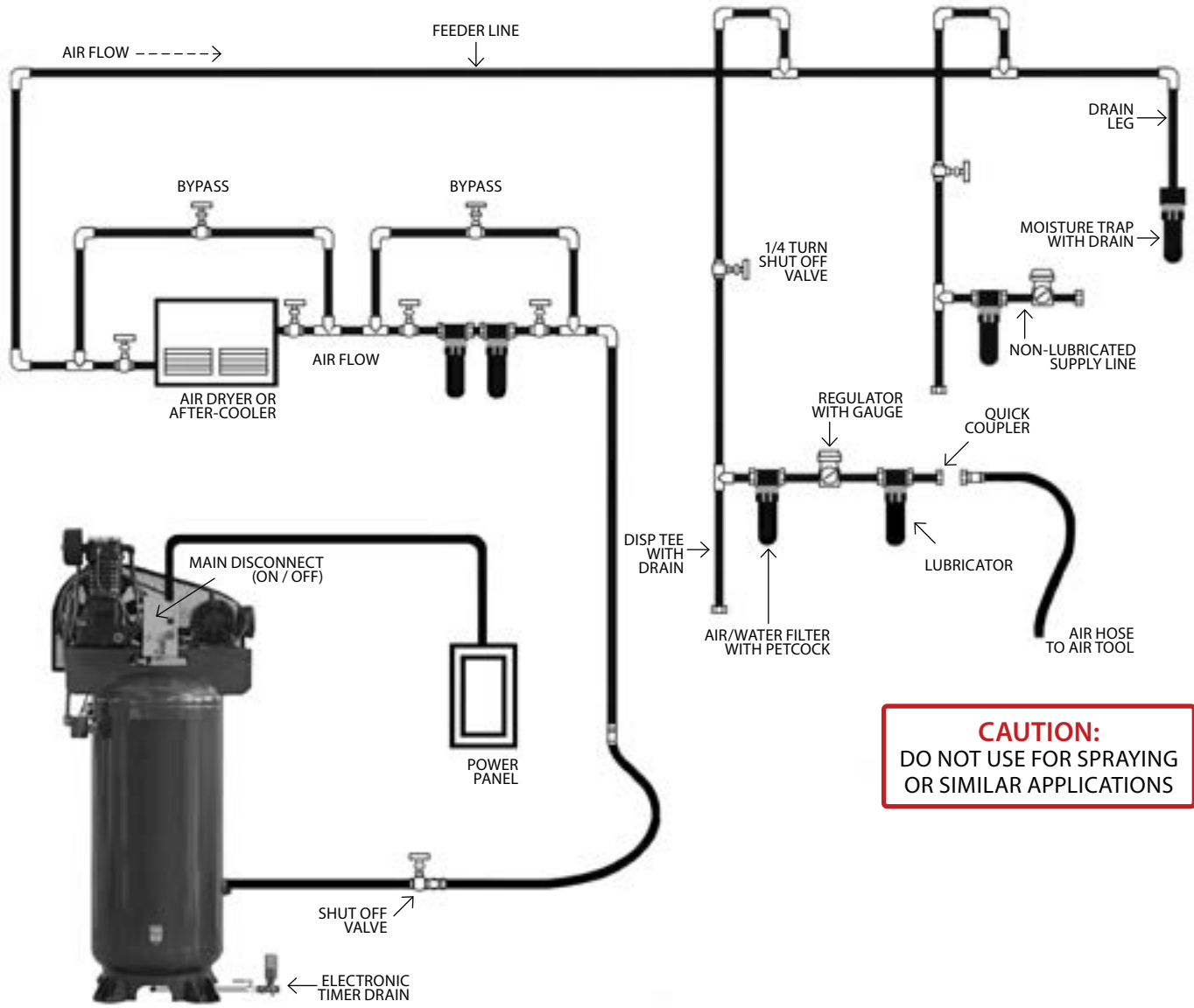


**2-STAGE & 3-STAGE
MODULAR AIR CLEANER UNITS
ALSO AVAILABLE**



TYPICAL IN-LINE FILTRATION LAYOUTS

The proper set up of any compressed air filtration system starts with the compressed air lines. Always force compressed air to climb vertically, while pooling liquid water is forced downwards by gravity. Preferably into a drip leg, electronic timer drain or drain valve. This initial separation of untreated compressed air from large amounts of moisture and contaminants will ensure filtration systems downstream perform at their highest levels. This drastically extends the life of filter elements, and dryer systems downstream. Gravity is the most effective moisture separator.



CAUTION:
DO NOT USE FOR SPRAYING
OR SIMILAR APPLICATIONS

DRAINAGE BOWL TYPES



Manual Drain
Standard Push-Button
to release moisture contents
(7000 & 9000 SERIES ONLY)



*Auto Drains
should be replaced
every 6-12 months*

Internal Float (AUTO) Drain
D51 Internal Float drain will automatically release
moisture contents when internal float rises.
(7000 & 9000 SERIES ONLY)



*Very similar to
an overnight
drain*

Semi-Automatic Drain (Poly Bowls only)
Semi-Auto Drain releases moisture contents
when less than 15 PSI is applied to bowl.
(2000 & 8000 SERIES ONLY)

DROP LEG AUTO DRAIN

MODEL	MAX PSI	PORT SIZE	DESCRIPTION
D704A	175 PSI	1/2" FNPT	THB IN-LINE AUTO DRAIN
T53-04W	175 PSI	1/2" FNPT	ARROW IN-LINE AUTO DRAIN

- Each unit includes Metal Bowl and Visible Sight Glass



THB REPLACEMENT ACCESSORY ITEMS

MODEL	DESCRIPTION
F7002-AS1	5oz metal bowl with manual drain for 7000 series, 215 PSI max
F7002-AS2	5oz metal bowl with internal float (auto) drain for 7000 series, 175 PSI max
F9102-AS1	11oz metal bowl with manual drain for 9000 series, 215 PSI max
F9102-AS2	11oz metal bowl with internal float (auto) drain for 9000 series, 175 PSI max
D51	Internal float drain fits 7000 & 9000 metal bowl models, 175 PSI max
C7047-AS1	Combination wall bracket conjoins all 700 series models: F7000, FM7000, R7000, FR7000, LM7000, L7000
C94047-AS1	Combination wall bracket conjoins all 9000 series models: F9000, FM9000, R9000, FR9000, LM9000, L9000
C20-AS2	Combination wall bracket conjoins 2000 series models: F202, R202, FR202, L202
C80-AS1	Combination wall bracket conjoins 1/4" & 3/8" NPT 8000 series models: F892/3, FM862/3, R892/3, FR892/3, LM862/3, L862/3
C804-AS1	Combination wall bracket conjoins 1/2" NPT 8000 series models: F894, FM864, R894, FR894, LM864, L864
D704A	1/2" NPT THB auto drain for compressed air lines, best used as a drip leg drain on piping, 175 PSI max
GAUGES	Please refer to our gauge section for alternate PSI range options
O-Rings	2000 Series Bowl Ring PRF2005 8000 Series Bowl Ring PRF8005 7000 Series Bowl Ring PRF7005 9000 Series Bowl Ring PRF9625



**AIR TOOL PARTICULATE FILTER
AIR TOOL ACCESSORY**

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F102	1/4"	38	200	200

- 2" H x 0.95" W
- In-line Filter for Air Tools can be connected with air tools directly
- Light weight aluminum body
- Connects to 1/4" FNPT
- 40 Micron Sintered Bronze Element
- 200 PSI Max



AIR TOOL DESICCANT DRYER

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
LM262	1/4"	35	145	145

- 3.95" H x 1.5" W
- Light industrial/residential
- In-line desiccant air dryer at air tool



AIR TOOL PRESSURE LUBRICATOR / OILER

MODEL	DESCRIPTION
L102	Air Tool In-line Lubricator

- 1/4" NPT Connection
- 5.5 ML Capacity
- 150 PSI Maximum



AIR TOOL PRESSURE REGULATOR

MODEL	DESCRIPTION
R072N-90	PRESET In-line • 94 PSI
R072N-100	PRESET In-line • 116 PSI
RA072-N-3	ADJUSTABLE In-line • 14-43 PSI
RA072-N-6	ADJUSTABLE In-line • 43-87 PSI
RA072-N-8	ADJUSTABLE In-line • 70-120 PSI



2-STAGE INDUSTRIAL FILTER / REGULATOR LUBRICATOR

STAGE 1: Integral (Piggyback) Filter Regulators combine the functionality of an air pressure regulator with a particulate moisture removing filter in one space saving unit. The 5u Micron particulate filter element removes 95% of contaminants. The upper In-Line regulator adjusts incoming air pressure. Each units comes equipped with back mount pressure gauge

STAGE 2: In-line lubricator/oiler Injects a fine stream of oil into the air stream to automatically lubricate air operated tools and other devices

INDUSTRIAL MID FLOW 2-STAGE FILTER / REGULATOR & LUBRICATOR (7000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FRL724	1/2"	100	250	215
FRL724A	1/2"	100	175	175
FRL726	3/4"	120	250	215
FRL726A	3/4"	120	175	175

A includes D51 Internal float drain

- 12.50" H x 5.50" W

STAGE 1: Filter/Regulator (FR7000 SERIES)

- 5 Micron micro-fiber element
- 5oz metal bowl with visible sight
- Manual push drain standard
- Pressure ranges 7-175 or 7-215 PSI
- Includes modular wall bracket C7047-AS1

STAGE 2: Lubricator (L7000 SERIES)

- 5oz metal bowl with visible sight
- Easily adjustable drop rate

THB Replacement Filter:

Replacement 5u Micron element F7607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



INDUSTRIAL MID FLOW 2-STAGE FILTER / REGULATOR & LUBRICATOR (9000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FRL924	1/2"	100	250	215
FRL924A	1/2"	100	175	175
FRL926	3/4"	120	250	215
FRL926A	3/4"	120	175	175
FRL928	1"	140	250	215
FRL928A	1"	140	175	175

A includes D51 Internal float drain

- 14.50" H x 7.40" W

STAGE 1: Filter/Regulator (FR9000 SERIES)

- 5 Micron micro-fiber element
- 11oz metal bowl with visible sight
- Manual push drain standard
- Pressure ranges 7-175 or 7-215 PSI
- Includes modular wall bracket C94047-AS1

STAGE 2: Lubricator (L9000 SERIES)

- 11oz metal bowl with visible sight
- Easily adjustable drop rate

THB Replacement Filter:

Replacement 5u Micron element F9607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



LIGHT DUTY STANDARD FLOW 2-STAGE FILTER / REGULATOR & LUBRICATOR (8000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FRL892	1/4"	60	215	145
FRL893	3/8"	80	215	145
FRL894	1/2"	90	215	145

- 9" H x 6.75" W

STAGE 1: Filter/Regulator (FR8000 SERIES)

- 5 Micron sintered bronze element
- 2.7oz poly bowl with metal guard
- Semi-automatic Drain only
- Adjustable Pressure range 7-145 PSI
- Includes modular wall bracket C80/4-AS1

STAGE 2: Lubricator (L8000 SERIES)

- 2.7oz Poly bowl with metal bowl guard
- Easily adjustable drop rate

THB Replacement Filter:

Replacement 5u Micron element F8107



2-STAGE MINI FILTER / REGULATOR & LUBRICATOR (2000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FRL202	1/4"	38	150	140

- 6.9" H x 3.25" W

STAGE 1: Filter/Regulator (FR2000 SERIES)

- 5 Micron sintered bronze element
- 1oz poly bowl
- Semi-automatic drain only
- Adjustable Pressure range 7-145 PSI
- Includes modular wall bracket C20-AS2

STAGE 2: Lubricator (L2000 SERIES)

- 1oz Poly bowl
- Easily adjustable drop rate

THB Replacement Filter:

Replacement 5u Micron element F2407



3 STAGE THB FILTER / REGULATOR / LUBRICATOR COMBINATIONS

STAGE 1: THB General purpose particulate filter with 5u micron element removes 95% of moisture, pipe scale, dirt and debris from compressed air lines

STAGE 2: In-Line Air pressure regulator Regulates the pressure of air lines and provides stable downstream pressure. Includes Back mount pressure gauge

STAGE 3: In-line lubricator/oiler Injects a fine stream of oil into the air stream to automatically lubricate air operated tools and other devices. We recommend our LUBE QT / GAL or any lubricant that is SAE 10 or lighter

INDUSTRIAL MID FLOW 3-STAGE FILTER / REGULATOR / LUBRICATOR (7000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
C704	1/2"	100	250	215
C704A	1/2"	100	175	175
C706	3/4"	120	250	215
C706A	3/4"	120	175	175

A includes D51 Internal float drain

■ 12.50" H x 8.25" W

STAGE 1: Particulate Filter (F7000 Series)

- 5u Micron micro-fiber element
- 5oz metal bowl with visible sight
- Manual push drain standard

STAGE 2: Air Regulator (R7000 Series)

- Pressure ranges 7-175 or 7-215 PSI
- Includes back mount gauge

STAGE 3: Lubricator (L7000 Series)

- 5oz metal bowl with visible sight
- Easily adjustable drop rate
- Includes (2) modular wall bracket C7047-AS1

THB Replacement Filter:

Replacement 5u Micron element F7607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



INDUSTRIAL MID FLOW 3-STAGE FILTER / REGULATOR / LUBRICATOR (9000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
C904	1/2"	100	250	215
C904A	1/2"	100	175	175
C906	3/4"	120	250	215
C906A	3/4"	120	175	175
C908	1"	140	250	215
C908A	1"	140	175	175

A includes D51 Internal float drain

■ 13" H x 11.15" W

STAGE 1: Particulate Filter (F9000 Series)

- 5u Micron micro-fiber element
- 11oz metal bowl with visible sight
- Manual push drain standard

STAGE 2: Air Regulator (R9000 Series)

- Pressure ranges 7-175 or 7-215 PSI

STAGE 3: Lubricator (L9000 Series)

- 11oz metal bowl with visible sight
- Easily adjustable drop rate
- Includes (2) modular wall bracket C9047-AS

THB Replacement Filter:

Replacement 5u Micron element F9607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



LIGHT DUTY STANDARD FLOW 3-STAGE FILTER / REGULATOR / LUBRICATOR (8000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
C802	1/4"	60	215	145
C803	3/8"	80	215	145
C804	1/2"	90	215	145

■ 9.50" H x 9.75" W

STAGE 1: Particulate Filter (F8000 Series)

- 5u Micron sintered bronze element
- 2.7oz poly bowl with metal guard
- Semi-automatic drain only

STAGE 2: Air Regulator (R8000 Series)

- Pressure range 7-145 PSI
- Includes back mount gauge

STAGE 3: Lubricator (L8000 Series)

- 2.7oz Poly bowl with metal bowl guard
- Easily adjustable drop rate
- Includes (2) modular wall brackets C804-AS1

THB Replacement Filter:

Replacement 5u Micron element F8607



3-STAGE MINI FILTER / REGULATOR / LUBRICATOR (2000 SERIES MINI)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
C202	1/4"	38	150	140

■ 6.90" H x 4.65" W (MINI)

STAGE 1: Particulate Filter (F2000 Series)

- 5u Micron sintered bronze element
- 1oz poly bowl with metal guard
- Semi-automatic drain only

STAGE 2: Air Regulator (R2000 Series)

- Pressure range 7-145 PSI
- Includes back mount gauge

STAGE 3: Lubricator (L2000 Series)

- 1oz Poly bowl
- Easily adjustable drop rate
- Includes (2) modular wall brackets C20-AS2

THB Replacement Filter:

Replacement 5u Micron element F2407



Maintenance Note

Particulate filter elements & Internal Float (Auto) Drains should be replaced every 6-12 months, or as needed

2-STAGE THB MOISTURE & OIL REMOVING FILTER COMBINATIONS

STAGE 1: THB General purpose particulate filter with 5u micron element removes 95% of moisture, pipe scale, dirt & debris from compressed air lines

STAGE 2: THB Coalescing filter with 0.01u micron elements removes 99.98% of submicron particles, moisture vapor & oil

INDUSTRIAL MID FLOW 2-STAGE PARTICULATE & COALESCING FILTER COMBO (7000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F70-FM764	1/2"	80	250	215
F70A-FM764	1/2"	80	175	175
F70-FM766	3/4"	100	250	215
F70A-FM766	3/4"	100	175	175

A includes D51 Internal float drain

- 9.25" H x 5.55" W

STAGE 1: Particulate Filter (F7000 Series)

- 5u Micron micro-fiber element
- 5oz metal bowl with visible sight
- Manual push drain standard

STAGE 2: Coalescing Filter (FM7000 Series)

- 0.01u Micron element
- 5oz metal bowl with visible sight
- Pop-Up indicator will alert an abnormal condition
- Includes modular wall bracket C7047-AS1

THB Replacement Filters:

Replacement 5u Micron element F7607
Replacement 0.01u Micron element FM7607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



INDUSTRIAL MID FLOW 2-STAGE PARTICULATE & COALESCING FILTER COMBO (9000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F90-FM964	1/2"	90	250	215
F90A-FM964	1/2"	90	175	175
F90-FM966	3/4"	110	250	215
F90A-FM966	3/4"	110	175	175
F90-FM968	1"	130	250	215
F90A-FM968	1"	130	175	175

A includes D51 Internal float drain

- 13.25" H x 7.40" W

STAGE 1: Particulate Filter (F9000 Series)

- 5u Micron micro-fiber element
- 11oz metal bowl with visible sight
- Manual push drain standard

STAGE 2: Coalescing Filter (FM9000 Series)

- 0.01u Micron element removes 99.98% contaminants
- 11oz metal bowl with visible sight
- Includes Pressure Gauge
- Includes modular wall bracket C94047-AS1

THB Replacement Filters:

Replacement 5u Micron element F9607
Replacement 0.01u Micron element FM9607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



LIGHT DUTY STANDARD FLOW 2-STAGE PARTICULATE & COALESCING FILTER COMBO (8000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F80-FM862	1/4"	60	215	145
F80-FM863	3/8"	80	215	145
F80-FM864	1/2"	90	215	145

- 8" H x 6.50" W

STAGE 1: Particulate Filter (F8000 Series)

- 5u Micron micro-fiber element
- 2.7oz poly bowl with metal guard
- Semi-automatic drain only

STAGE 2: Coalescing Filter (FM8000 Series)

- 0.01u Micron element removes 99.98% contaminants
- 2.7oz Poly Bowl with Metal bowl guard
- Pop-Up indicator will alert an abnormal condition
- Includes modular wall bracket C80/4-AS1

THB Replacement Filters:

Replacement 5u Micron element F8607
Replacement 0.01u Micron element FM8607



3-STAGE MOISTURE & OIL REMOVING FILTER WITH REGULATOR

STAGE 1: THB General purpose particulate filter with 5u micron element removes 95% of moisture, pipe scale, dirt and debris from compressed air lines

STAGE 2: THB Coalescing filter with 0.01u micron elements removes 99.98% of submicron particles, moisture vapor & oil

STAGE 3: In-Line Air pressure regulators Regulate the pressure of air lines and provides stable downstream pressure. Includes Back mount pressure gauge

INDUSTRIAL MID FLOW 3-STAGE PARTICULATE & COALESCING & REGULATOR COMBO (7000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F70-FM-R704	1/2"	80	250	215
F70A-FM-R704	1/2"	80	175	175
F70-FM-R706	3/4"	100	250	215
F70A-FM-R706	3/4"	100	175	175

A includes D51 Internal float drain

■ 12.25" H x 8.25" W

STAGE 1: Particulate Filter (F7000 Series)

- 5u Micron micro-fiber element
- 5oz metal bowl with visible sight
- Manual push drain standard

STAGE 2: Coalescing Filter (FM7000 Series)

- 0.01u Micron element
- 5oz metal bowl with visible sight
- Pop-Up indicator will alert an abnormal condition
- Includes (2) modular wall brackets C7047-AS1

STAGE 3: Air Regulator (R7000 Series)

- Pressure ranges 7-175 or 7-215 PSI
- Includes back mount gauge

THB Replacement Filters:

Replacement 5u Micron element F7607
Replacement 0.01u Micron element FM7607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



INDUSTRIAL MID FLOW 3-STAGE PARTICULATE & COALESCING FILTER COMBO

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F90-FM-R904	1/2"	90	250	215
F90A-FM-R904	1/2"	90	175	175
F90-FM-R906	3/4"	110	250	215
F90A-FM-R906	3/4"	110	175	175
F90-FM-R908	1"	130	250	215
F90A-FM-R908	1"	130	175	175

A includes D51 Internal float drain

■ 16.25" H x 11.10" W

STAGE 1: Particulate Filter (F9000 Series)

- 5u Micron micro-fiber element
- 11oz metal bowl with visible sight
- Manual push drain standard

STAGE 2: Coalescing Filter (FM9000 Series)

- 0.01u Micron element
- 11oz metal bowl with visible sight
- Includes Pressure Gauge
- Includes (2) modular wall brackets C94047-AS1

STAGE 3: Air Regulator (R9000 Series)

- Pressure ranges 7-175 or 7-215 PSI
- Includes back mount gauge

THB Replacement Filters:

Replacement 5u Micron element F9607
Replacement 0.01u Micron element FM9607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



LIGHT DUTY STANDARD FLOW 3-STAGE PARTICULATE & COALESCING & REGULATOR COMBO (8000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F80-FM-R892	1/4"	60	215	145
F80-FM-R893	3/8"	80	215	145
F80-FM-R894	1/2"	90	215	145

■ 10.50" H x 9.75" W

STAGE 1: Particulate Filter (F8000 Series)

- 5u Micron sintered bronze element
- 2.7oz poly bowl with metal guard
- Semi-automatic drain only

STAGE 2: Coalescing Filter (FM8000 Series)

- 0.01u Micron filter element
- 2.7oz Poly Bowl with bowl guard
- Includes (2) modular wall brackets C80/4-AS1

STAGE 3: Air Regulator (R8000 Series)

- Pressure ranges 7-175 or 7-215 PSI

THB Replacement Filters:

Replacement 5u Micron element F8607
Replacement 0.01u Micron element FM8607



WARNING:

POLYCARBONATE PLASTIC BOWLS COULD RUPTURE IF EXPOSED TO INCOMPATIBLE CHEMICALS WHETHER INSIDE OR OUTSIDE THE BOWL. IF SUCH CHEMICALS ARE PRESENT, USE A METAL BOWL.

2-STAGE MOISTURE & OIL REMOVING FILTER WITH REGULATOR

STAGE 1: Integral (Piggyback) Filter Regulators combine the functionality of an air pressure regulator with a particulate moisture removing filter in one space saving unit. The 5u Micron particulate filter element removes 95% of contaminants. The upper In-Line regulator adjusts incoming air pressure. Each units comes equipped with back mount pressure gauge.

STAGE 2: THB Coalescing filter with 0.01u micron elements removes 99.98% of submicron particles, moisture vapor and oil

INDUSTRIAL MID FLOW 2-STAGE FILTER / REGULATOR & COALESCING FILTER COMBO (7000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FR70-FM764	1/2"	80	250	215
FR70A-FM764	1/2"	80	175	175
FR70-FM766	3/4"	100	250	215
FR70A-FM766	3/4"	100	175	175

A includes D51 Internal float drain

- 12.50" H x 5.50" W

STAGE 1: Filter Regulator (FR7000 Series)

- 5 Micron micro-fiber element
- 5oz metal bowl with visible sight
- Manual push drain standard
- Pressure ranges 7-175 or 7-215 PSI
- Includes modular wall bracket C7047-AS1

STAGE 2: Coalescing Filter (FM7000 Series)

- 0.01u Micron element
- 5oz metal bowl with visible sight
- Pop-Up indicator will alert an abnormal condition
- Manual push standard
- Auto Drain NOT necessary

THB Replacement Filters:

Replacement 5u Micron element F7607

Replacement 0.01u Micron element FM7607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



INDUSTRIAL MID FLOW 2-STAGE FILTER / REGULATOR & COALESCING FILTER COMBO (9000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FR90-FM964	1/2"	90	250	215
FR90A-FM964	1/2"	90	175	175
FR90-FM966	3/4"	110	250	215
FR90A-FM966	3/4"	110	175	175
FR90-FM968	1"	130	250	215
FR90A-FM968	1"	130	175	175

A includes D51 Internal float drain

- 14.50" H x 7.40" W

STAGE 1: Filter Regulator (FR9000 Series)

- 5 Micron micro-fiber element
- 11oz metal bowl with visible sight
- Manual push drain standard
- Pressure ranges 7-175 or 7-215 PSI
- Includes modular wall bracket C94047-AS1

STAGE 2: Coalescing Filter (FM9000 Series)

- 0.01u Micron element
- 11oz metal bowl with visible sight
- Includes Pressure Gauge
- Includes modular wall bracket C94047-AS1

THB Replacement Filters:

Replacement 5u Micron element F9607

Replacement 0.01u Micron element FM9607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



LIGHT DUTY STANDARD FLOW 2-STAGE FILTER / REGULATOR & COALESCING FILTER COMBO (8000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FR80-FM862	1/4"	60	215	145
FR80-FM863	3/8"	80	215	145
FR80-FM864	1/2"	90	215	145

- 10.50" H x 6.50" W

STAGE 1: Filter Regulator (FR8000 Series)

- 5 Micron sintered bronze element
- 2.7oz poly bowl with metal guard
- Semi-automatic drain only
- Adjustable Pressure range 7 - 145 PSI
- Includes modular wall bracket C80/4-AS1

STAGE 2: Coalescing Filter (FM8000 Series)

- 0.01u Micron element
- 2.7oz Poly Bowl with Metal bowl guard
- Includes modular wall bracket C80/4-AS1

THB Replacement Filters:

Replacement 5u Micron element F8107

Replacement 0.01u Micron element FM8107



2-STAGE THB AIR CLEANER DRYER COMBINATIONS

STAGE 1: THB Coalescing filter with 0.01u micron elements removes 99.98% of submicron particles, moisture vapor and oil

STAGE 2: THB In-Line Desiccant air dryer Lowers the filtered compressed air dew point. Desiccant beads react to the moisture by absorbing it and undergo a color change from Blue to Pink. The Bead fill level is clearly marked on each THB bowl

INDUSTRIAL MID FLOW 2-STAGE COALESCING FILTER & DESICCANT DRYER COMBO (7000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FLM-764	1/2"	80	250	215
FLM-764A	1/2"	80	175	175
FLM-766	3/4"	100	250	215
FLM-766A	3/4"	100	175	175

A includes D51 Internal float drain

■ 9.25" H x 5.50" W

STAGE 1: Coalescing Filter (FM7000 Series)

- 0.01u Micron element
- 5oz metal bowl with visible sight
- Pop-Up indicator will alert an abnormal condition
- Includes modular wall bracket C7047-AS1

STAGE 2: Desiccant Dryer (LM7000 Series)

- 5oz metal bowl with visible sight
- Includes 2 bags of desiccant beads for one cycle

THB Replacement Filter:

Replacement 0.01u Micron element FM7607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



INDUSTRIAL MID FLOW 2-STAGE COALESCING FILTER & DESICCANT DRYER COMBO (9000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FLM-964	1/2"	90	250	215
FLM-964A	1/2"	90	175	175
FLM-966	3/4"	110	250	215
FLM-966A	3/4"	110	175	175
FLM-968	1"	130	250	215
FLM-968A	1"	130	175	175

A includes D51 Internal float drain

■ 13.25" H x 7.40" W

STAGE 1: Coalescing Filter (FM9000 Series)

- 0.01u Micron element
- 11oz metal bowl with visible sight
- Includes Pressure Gauge
- Includes modular wall bracket C94047-AS1

STAGE 2: Desiccant Dryer (LM9000 Series)

- 11oz metal bowl with visible sight
- Includes 4 bags of desiccant beads for one cycle

THB Replacement Filter:

Replacement 0.01u Micron element FM9607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



LIGHT DUTY STANDARD FLOW 2-STAGE COALESCING FILTER & DESICCANT DRYER COMBO

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FLM-862	1/4"	50	215	145
FLM-863	3/8"	70	215	145
FLM-864	1/2"	80	215	145

■ 8" H x 6.5" W

STAGE 1: Coalescing Filter (FM8000 Series)

- 0.01u Micron element removes 99.98% contaminants
- 2.7oz Poly Bowl with Metal bowl guard
- Pop-Up indicator will alert an abnormal condition
- Semi-automatic drain only
- Includes modular wall bracket C80/4-AS1

STAGE 2: Desiccant Dryer (LM8000 Series)

- 2.7oz Poly Bowl with Metal bowl guard
- Includes 2 bags of desiccant beads for one cycle

THB Replacement Filter:

Replacement 0.01u Micron element FM8607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



DESICCANT BEADS

MODEL	SIZE
34189	1 Quart
34417	1 Gallon



PLEASE NOTE:

DESICCANT BEADS WILL CHANGE COLOR FROM BLUE TO PINK WHEN IT'S TIME TO REPLACE OR REGENERATE



3-STAGE THB AIR FILTER CLEANER DRYER COMBINATIONS

STAGE 1: THB General purpose particulate filter with 5u micron element removes 95% of moisture, pipe scale, dirt and debris from compressed air lines

STAGE 2: THB Coalescing filter with 0.01u micron elements removes 99.98% of submicron particles, moisture vapor & oil

STAGE 3: THB In-Line Desiccant air dryer Lowers the filtered compressed air dew point. Desiccant beads react to the moisture by absorbing it and undergo a color change from Blue to Pink. The Bead fill level is clearly marked on each THB bowl

INDUSTRIAL MID FLOW 3-STAGE PARTICULATE & COALESCING FILTER & DESICCANT DRYER (7000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F7-FLM-764	1/2"	60	250	215
F7A-FLM-764	1/2"	60	175	175
F7-FLM-766	3/4"	80	250	215
F7A-FLM-766	3/4"	80	175	175

A includes D51 Internal float drain

■ 9.25" H x 8.25" W

STAGE 1: Particulate Filter (F7000 Series)

- 5u Micron micro-fiber element
- 5oz metal bowl with visible sight
- Manual push drain standard

STAGE 2: Coalescing Filter (FM7000 Series)

- 0.01u Micron element
- 5oz metal bowl with visible sight
- Pop-Up indicator will alert an abnormal condition
- Includes (2) modular wall brackets C7047-AS1

STAGE 3: Desiccant Dryer (LM7000 Series)

- 5oz metal bowl with visible sight
- Includes 2 bags of desiccant beads for one cycle

THB Replacement Filters:

Replacement 5u Micron element F7607
Replacement 0.01u Micron element FM7607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



INDUSTRIAL MID FLOW 3-STAGE FILTER / REGULATOR COALESCING & DESICCANT DRYER (9000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F9-FLM-964	1/2"	80	250	215
F9A-FLM-964	1/2"	80	175	175
F9-FLM-966	3/4"	100	250	215
F9A-FLM-966	3/4"	100	175	175
F9-FLM-968	1"	120	250	215
F9A-FLM-968	1"	120	175	175

A includes D51 Internal float drain

■ 13.25" H x 11.10" W

STAGE 1: Particulate Filter (F9000 Series)

- 5u Micron micro-fiber element
- 11oz metal bowl with visible sight
- Manual push drain standard

STAGE 2: Coalescing Filter (FM9000 Series)

- 0.01u Micron element
- 11oz metal bowl with visible sight
- Includes Pressure Gauge
- Includes (2) modular wall brackets C94047-AS1

STAGE 3: Desiccant Dryer (LM9000 Series)

- 11oz metal bowl with visible sight
- Includes 4 bags of desiccant beads for one cycle

THB Replacement Filters:

Replacement 5u Micron element F9607
Replacement 0.01u Micron element FM9607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



LIGHT DUTY STANDARD FLOW 3-STAGE PARTICULATE & COALESCING FILTER & DESICCANT DRYER (8000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
F8-FLM-862	1/4"	40	215	145
F8-FLM-863	3/8"	60	215	145
F8-FLM-864	1/2"	70	215	145

■ 8" H x 9.75" W

STAGE 1: Particulate Filter (F8000 Series)

- 5u Micron micro-fiber element
- 2.7oz poly bowl with metal guard
- Semi-automatic drain only

STAGE 2: Coalescing Filter (FM8000 Series)

- 0.01u Micron element
- 2.7oz Poly Bowl with bowl guard
- Pop-Up indicator will alert an abnormal condition
- Includes (2) modular wall brackets C80/4-AS1

STAGE 3: Desiccant Dryer (LM8000 Series)

- 2.7oz Poly Bowl with Metal bowl guard
- Includes 2 bags of desiccant beads for one cycle

THB Replacement Filters:

Replacement 5u Micron element F8607
Replacement 0.01u Micron element FM8607



3-STAGE THB PARTICULATE/COALESCING & AIR CLEANER COMBINATION

STAGE 1: Integral (Piggyback) Filter Regulator combines the functionality of an air pressure regulator with a particulate moisture removing filter in one space saving unit. The 5u Micron particulate filter element removes 95% of contaminants. The upper In-Line regulator adjusts incoming air pressure. Each unit comes with a back mount pressure gauge

STAGE 2: THB Coalescing filter with 0.01u micron elements removes 99.98% of submicron particles, moisture vapor & oil

STAGE 3: THB In-Line Desiccant air dryer Lowers the filtered compressed air dew point. Desiccant beads react to the moisture by absorbing it and undergo a color change from Blue to Pink. The Bead fill level is clearly marked on each THB bowl

INDUSTRIAL MID FLOW 3-STAGE COALESCING FILTER & DESICCANT DRYER COMBO (7000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FR7-FLM-764	1/2"	60	250	215
FR7A-FLM-764	1/2"	60	175	175
FR7-FLM-766	3/4"	80	250	215
FR7A-FLM-766	3/4"	80	175	175

A includes D51 Internal float drain

- 12.50" H x 8.25" W

STAGE 1: Particulate Filter (F7000 Series)

- 5u Micron micro-fiber element
- 5oz metal bowl with visible sight
- Manual push drain standard

STAGE 2: Coalescing Filter (FM7000 Series)

- 0.01u Micron element
- 5oz metal bowl with visible sight
- Pop-Up indicator will alert an abnormal condition
- Includes (2) modular wall brackets C7047-AS1

STAGE 3: Desiccant Dryer (LM7000 Series)

- 5oz metal bowl with visible sight
- Includes 2 bags of desiccant beads for one cycle

THB Replacement Filters:

Replacement 5u Micron element F7607
Replacement 0.01u Micron element FM7607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



INDUSTRIAL 3-STAGE FILTER / REGULATOR COALESCING & DESICCANT DRYER (9000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FR9-FLM-964	1/2"	80	250	215
FR9A-FLM-964	1/2"	80	175	175
FR9-FLM-966	3/4"	100	250	215
FR9A-FLM-966	3/4"	100	175	175
FR9-FLM-968	1"	120	250	215
FR9A-FLM-968	1"	120	175	175

A includes D51 Internal float drain

- 14.5" H x 11.10" W

STAGE 1: Particulate Filter (FR9000 Series)

- 5u Micron micro-fiber element
- 11oz metal bowl with visible sight
- Manual push drain standard
- Pressure ranges 7-175 or 7-215 PSI
- Includes (2) modular wall brackets C9047-AS1

STAGE 2: Coalescing Filter (FM9000 Series)

- 0.01u Micron element
- 11oz metal bowl with visible sight
- Pressure gauge included
- Includes (2) modular wall brackets C9047-AS1

STAGE 3: Desiccant Dryer (LM9000 Series)

- 11oz metal bowl with visible sight
- Includes 4 bags of desiccant beads for one cycle

THB Replacement Filters:

Replacement 5u Micron element F9607
Replacement 0.01u Micron element FM9607

THB Replacement:

Replacement (AUTO) Internal Float drain D51



LIGHT DUTY 3-STAGE FILTER / REGULATOR COALESCING & DESICCANT DRYER (8000 SERIES)

MODEL	NPT	MAX CFM	MAX PSI INPUT	MAX PSI OUTPUT
FR8-FLM-862	1/4"	40	215	145
FR8-FLM-863	3/8"	60	215	145
FR8-FLM-864	1/2"	70	215	145

- 10.50" H x 9.75" W

STAGE 1: Particulate Filter (FR8000 Series)

- 5u Micron sintered bronze element
- 2.7oz poly bowl with metal guard
- Semi-automatic drain only
- Adjustable Pressure range 7-145 PSI

STAGE 2: Coalescing Filter (FM8000 Series)

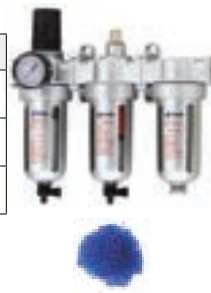
- 0.01u Micron element
- 2.7oz Poly Bowl with bowl guard
- Pop-Up indicator will alert an abnormal condition
- Includes (2) modular wall brackets C80/4-AS1

STAGE 3: Desiccant Dryer (LM8000 Series)

- 2.7oz Poly Bowl with Metal bowl guard
- Includes 2 bags of desiccant beads for one cycle

THB Replacement Filters:

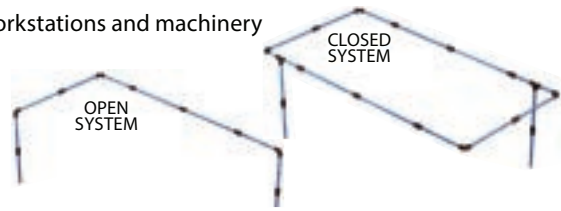
Replacement 5u Micron element F8607
Replacement 0.01u Micron element FM8607



PREVOST COMPRESSED AIR SYSTEMS

Compressed air systems move energy throughout a piping network to power workstations and machinery

- Minimum height: 8.2 feet from floor
- Connect smaller diameter Downpipes/Drops to attach accessories (manifolds, safety couplings, filtration, hoses, etc.) approximately 4' from floor
- Consider Desired Flow Rate and Length of Main Line when designing a system
- Open Systems and Closed Systems require different equipment



OPEN (O) and CLOSED (C) Compressed Air Systems																					
Pressure: 116 PSI • Maximum pressure drop 5% (5.8 psi) • Maximum speed: 32'/sdrop of 5%																					
COMPRESSOR (VALUES MAY VARY)					MAIN LINE LENGTH																
Power		Flow Rate			164' (50m)	328' (100m)	492' (150m)	984' (300m)	1640' (500m)	2460' (750m)	3280' (1000m)	4265' (1300m)	5249' (1600m)								
kW	HP	Nm ³ /h	NI/min	Scfm	O	C	O	C	O	C	O	C	O	C	O	C	O	C	O	C	
2,2	3	22	367	13	1/2"	1/2"	1/2"	1/2"	3/4"	1/2"	3/4"	1/2"	1"	3/4"	1"	3/4"	1"	3/4"	1"	3/4"	1"
3	4	30	500	18	1/2"	1/2"	3/4"	1/2"	3/4"	1/2"	1"	3/4"	1"	3/4"	1"	3/4"	1/4"	1"	1/4"	1"	1/4"
4	5,5	40	667	24	3/4"	1/2"	3/4"	1/2"	1"	3/4"	1"	3/4"	1/4"	1"	1/4"	1"	1/4"	1"	1/4"	1"	1/4"
5,5	7,5	50	834	29	3/4"	1/2"	1"	3/4"	1"	3/4"	1"	3/4"	1/4"	1"	1/4"	1"	1/4"	1"	1 1/2"	1/4"	1 1/2"
7,5	10	70	1167	41	3/4"	3/4"	1"	3/4"	1"	3/4"	1/4"	1"	1/4"	1"	1 1/2"	1/4"	1 1/2"	1/4"	1 1/2"	1/4"	1 1/2"
11	15	100	1667	59	1"	3/4"	1/4"	1"	1/4"	1"	1/4"	1"	1 1/2"	1/4"	1 1/2"	1/4"	1 1/2"	1/4"	2"	1 1/2"	2"
15	20	150	2500	88	1/4"	1"	1/4"	1"	1/4"	1/4"	1 1/2"	1/4"	2"	1/4"	2"	1 1/2"	2"	1 1/2"	2"	1 1/2"	2 1/2"
18	25	180	3000	106	1/4"	1"	1/4"	1/4"	1 1/2"	1/4"	1 1/2"	1/4"	2"	1 1/2"	2"	1 1/2"	2"	1 1/2"	2 1/2"	2"	2 1/2"
22	30	220	3667	129	1 1/2"	1"	1 1/2"	1/4"	1 1/2"	1/4"	2"	1 1/2"	2"	1 1/2"	2"	1 1/2"	2 1/2"	2"	2 1/2"	2"	2 1/2"
26	35	260	4334	153	1 1/2"	1/4"	1 1/2"	1/4"	1 1/2"	1/4"	2"	1 1/2"	2"	1 1/2"	2"	2"	2 1/2"	2"	2 1/2"	2"	2 1/2"
30	40	300	5000	176	1 1/2"	1/4"	1 1/2"	1/4"	2"	1 1/2"	2"	1 1/2"	2 1/2"	2"	2 1/2"	2"	2 1/2"	2"	2 1/2"	2"	3"
37	50	370	6167	218	2"	1/4"	2"	1/4"	2"	2"	2"	1 1/2"	2 1/2"	1 1/2"	2 1/2"	2 1/2"	2 1/2"	2"	3"	2 1/2"	3"
45	60	450	7500	265	2"	1 1/2"	2"	1 1/2"	2"	1 1/2"	2 1/2"	2"	2 1/2"	2"	3"	2 1/2"	3"	2 1/2"	3"	2 1/2"	3"
55	75	550	9167	324	2 1/2"	1 1/2"	2 1/2"	1 1/2"	2 1/2"	2"	2 1/2"	2"	3"	2 1/2"	3"	2 1/2"	3"	2 1/2"	3"	2 1/2"	4"
75	100	750	12500	441	2 1/2"	2"	2 1/2"	2"	2 1/2"	2"	3"	2 1/2"	3"	2 1/2"	3"	2 1/2"	4"	3"	4"	3"	4"
90	120	900	15000	529	3"	2"	3"	2"	3"	2"	3"	2 1/2"	3"	2 1/2"	4"	3"	4"	3"	4"	3"	4"
110	150	1100	18334	647	3"	2 1/2"	3"	2 1/2"	3"	2 1/2"	3"	2 1/2"	4"	3"	4"	4"	4"	3"	4"	3"	6"
130	175	1300	21667	765	3"	2 1/2"	3"	2 1/2"	3"	2 1/2"	3"	2 1/2"	4"	3"	4"	4"	4"	3"	6"	4"	6"
160	215	1600	26667	941	4"	2 1/2"	4"	2 1/2"	4"	2 1/2"	4"	3"	4"	3"	6"	6"	6"	4"	6"	4"	6"
200	270	2000	3334	1176	4"	3"	4"	3"	4"	3"	4"	3"	6"	3"	6"	6"	6"	4"	6"	4"	6"
250	340	2500	41667	1471	6"	3"	6"	3"	6"	3"	6"	6"	6"	4"	6"	6"	6"	4"	6"	6"	6"
300	405	3000	50000	1765	6"	4"	6"	4"	6"	4"	6"	4"	6"	4"	6"	6"	6"	6"	6"	6"	6"
350	475	3500	58334	2058	6"	4"	6"	4"	6"	4"	6"	4"	6"	4"	6"	6"	6"	6"	6"	6"	6"
400	540	4000	66667	2353	6"	4"	6"	4"	6"	4"	6"	4"	6"	6"	6"	6"	6"	6"	6"	6"	6"
450	600	4500	75000	2647	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"
500	700	5000	83334	2941	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"
600	810	6000	100000	3529	-	6"	-	6"	-	6"	-	6"	-	6"	-	6"	-	6"	-	6"	-
700	950	7000	116667	4118	-	6"	-	6"	-	6"	-	6"	-	6"	-	6"	-	6"	-	6"	-
800	1080	8000	13334	4706	-	6"	-	6"	-	6"	-	6"	-	6"	-	6"	-	6"	-	6"	-

THERMAL EXPANSION

Aluminum expands & contracts when temperatures fluctuate. Install equipment to absorb the movement:



Flexible Hoses
for small diameters



Expansion Kits
for large diameters

Expansion hoses or joints are needed when straight lines exceed 164'. Flexible hoses can be used to change direction of air flow & avoid obstacles

HOW TO CALCULATE EXPANSION:

- DL** Overall Expansion (in)
 - C** Coefficient of Expansion: 13.7 x 10⁻⁶ per Feet & Degree (F)
 - L** Straight Line Length (feet)
 - ΔT** Degree difference between Max & Min room temp (F)
- $$DL = C \times L \times \Delta T^\circ$$

EXAMPLE: 65' line installed with 1 1/2" piping with 104°F Max temp & 59°F Min temp = 77°F difference:
DL: 13.7 x 10⁻⁶ (in) x 65 (ft) x 25 (104 - 59) = 0.47 in

Prevost 100% aluminum pipes & fittings are compact, lightweight, with a high degree of mechanical strength. Install systems quickly for immediate pressurization.

PREVOST COMPRESSED AIR PIPING SYSTEMS

- Clean, high quality air
- Leak free system
- Optimized flow rate
- Operating pressure range: -14.21 PSI – 232 PSI
- Temperature range: -4°F – 176°F



PREVOST PIPING SYSTEM BENEFITS

- 1 COMPACT & LIGHTWEIGHT** 100% aluminum composition creates a compact, lightweight and durable system
- 2 HIGH TECH, MODERN MATERIAL** Aluminum alloy, combined with external electrostatic paint and internal treatments protect pipe against oxidation and corrosion
- 3 100% CUSTOMIZABLE** Wide range of sizes and fittings allow modular and scalable construction systems
- 4 EASY AND QUICK TO ASSEMBLE** Simply insert chamfered pipe into fitting and tighten nut or M8 bolts to recommended torque setting
- 5 LEAK FREE WITH MINIMAL PRESSURE LOSS** "PPS Grip Concept" creates a secure, leak free connection. The smooth internal surface generates a laminar flow, low friction coefficient and maximum flow diameter which are all factors to reduce pressure loss
- 6 COMPATIBLE WITH COMPRESSOR OILS** Aluminum and viton seals are compatible with compressor lubricants
- 7 TOUGH MATERIAL** Aluminum guarantees long term performance: mechanical strength, pressure resistance, and shock absorbency



MOUNTING THE SYSTEM

The mounting style is dictated by the layout of the facility. Choose most structurally sound method aligned with the environment

Always abide by recommended pipe support distance between each clamp: **MAXIMUM SPACING IS 9.8 feet apart**



INSTALLATION GUIDELINES

Preferably, main line should form a loop or ring. For safety reasons, installing primary air lines at a minimum height of 8.2 feet from the ground is recommended

Diameter of main line should be wide enough to avoid drops in pressure

Remove residual condensates from main line with down pipes (drops) ending in automatic drain system

MAIN LINE:

- Create 1% slope for gravity to feed condensates to low points terminating in drains
- Securely mount with sufficient number of sliding clamps, allowing pipe to expand and contract as temperature fluctuates (ref. PPS CI)



100% ALUMINUM PIPES

UV & Heat Resistant: low coefficient of expansion
Minimal Pressure Loss: laminar flow from smooth internal surface

- ISO Marking & Color: RAL 5012 (blue) all RAL 7001 (grey) all RAL 6029 (green) 3/4", 1" & 2"

TECHNICAL CHARACTERISTICS OF PPS PIPE

Material: Extruded aluminum. Alloy EN AW 6063 T6 UNI-EN 573-3

Treatment: Internal/external treatment (RoHS compliant)

Coating: Electrostatic paint

Extrusion quality: Calibrated without welding

Compatible fluids: Compressed air, vacuum, neutral gases

Pipe lengths: 13' or 18'

Density: 170 lb/ft³

Pipe outside diameters: 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4, 6

INSTALLATION STEPS



- 1 Make a perpendicular cut to the pipe axis



- 2 Chamfer pipe exterior to facilitate insertion & avoid damage to seal. Deburring internal removes any residue



- 3 Mark the pipe to check its position before tightening



- 4 Use assembly gel prior to inserting the pipe into the fitting



- 5 Assemble by slightly unscrewing the nut, pushing and rotating the pipe slightly to recommended insertion length



- 6 Tighten nut by hand prior to using wrench

PREVOST PPS 100% ALUMINUM NETWORK

BLUE PIPE FOR COMPRESSED AIR

MODEL	PIPE OD	LENGTH
PPS-BTU1613	1/2"	13.12'
PPS-BTU2013	3/4"	13.12'
PPS-BTU2018	3/4"	18'
PPS-BTU2513	1"	13.12'
PPS-BTU2518	1"	18'
PPS-BTU3213	1 1/4"	13.12'
PPS-BTU3218	1 1/4"	18'
PPS-BTU4013	1 1/2"	18'
PPS-BTU4018	1 1/2"	18'
PPS-BTU5018	2"	18'
PPS-BTU6318	2 1/2"	18'
PPS-BTU8018	3"	18'
PPS-BTU10018	4"	18'

GREY PIPE FOR VACUUM

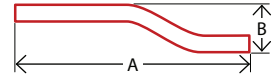
MODEL	PIPE OD	LENGTH
PPS-GTU2018	3/4"	18'
PPS-GTU2518	1"	18'
PPS-GTU3218	1 1/4"	18'
PPS-GTU4018	1 1/2"	18'
PPS-GTU5018	2"	18'
PPS-GTU6318	2 1/2"	18'
PPS-GTU8018	3"	18'
PPS-GTU10018	4"	18'

GREEN PIPE FOR NITROGEN

MODEL	PIPE OD	LENGTH
PPS-VTU2018	3/4"	18'
PPS-VTU2518	1"	18'
PPS-VTU5018	2"	18'

BENT LINK PIPE

MODEL	PIPE OD	A	B	COLOR
PPS-LMCB16	1/2"	18.9"	3.4"	BLUE
PPS-LMCG16	1/2"	18.9"	3.4"	GREY
PPS-LMCB20	3/4"	19.17"	3.54"	BLUE
PPS-LMCG20	3/4"	19.17"	3.54"	GREY
PPS-LMCB25	1"	19.17"	3.74"	BLUE
PPS-LMCG25	1"	19.17"	3.74"	GREY



ALUMINUM UNION

MODEL	FOR PIPE OD
PPS1-UN16	1/2"
PPS1-UN20	3/4"
PPS1-UN25	1"
PPS1-UN32	1 1/4"
PPS1-UN40	1 1/2"
PPS1-UN50	2"
PPS1-UN63	2 1/2"
PPS1-UN80	3"
PPS1-UN100	4"

FEMALE SLIDING UNION

MODEL	FOR PIPE OD
PPS1-UNS25	1"
PPS1-UNS32	1 1/4"
PPS1-UNS40	1 1/2"
PPS1-UNS50	2"
PPS1-UNS63	2 1/2"
PPS1-UNS80	3"
PPS1-UNS100	4"

90° UNION ELBOW FITTING

MODEL	FOR PIPE OD
PPS1-9C16	1/2"
PPS1-9C20	3/4"
PPS1-9C25	1"
PPS1-9C32	1 1/4"
PPS1-9C40	1 1/2"
PPS1-9C50	2"
PPS1-9C63	2 1/2"
PPS1-9C80	3"
PPS1-9C100	4"

ALUMINUM REDUCING BRANCH TEE

MODEL	FOR PIPE OD	FOR PIPE OD
PPS1-TR2016	3/4"	1/2"
PPS1-TR2516	1"	1/2"
PPS1-TR22520	1"	3/4"
PPS1-TR3216	1 1/4"	1/2"
PPS1-TR3220	1 1/4"	3/4"
PPS1-TR3225	1 1/4"	1"

45° EQUAL FEMALE ELBOW FITTING

MODEL	FOR PIPE OD
PPS1-4C16	1/2"
PPS1-4C20	3/4"
PPS1-4C25	1"
PPS1-4C32	1 1/4"
PPS1-4C40	1 1/2"

PIPE REDUCING FITTING

MODEL	FOR PIPE OD	FOR PIPE OD
PPS1-MR2520	1"	3/4"
PPS1-MR2525	1 1/4"	1"
PPS1-MR4032	1 1/2"	1 1/4"
PPS1-MR5040	2"	1 1/2"
PPS1-MR6350	2 1/2"	2"
PPS1-MR8063	3"	2 1/2"
PPS1-MR10080	4"	3"

EQUAL FEMALE TEE FITTING

MODEL	FOR PIPE OD
PPS1-TE16	1/2"
PPS1-TE20	3/4"
PPS1-TE25	1"
PPS1-TE32	1 1/4"
PPS1-TE40	1 1/2"
PPS1-TE50	2"
PPS1-TE63	2 1/2"
PPS1-TE80	3"
PPS1-TE100	4"


90° MALE THREAD ELBOW FITTING

MODEL	FOR PIPE OD	MNPT
PPS1-9CM16252	1/2"	3/8"
PPS1-9CM16253	1/2"	1/2"
PPS1-9CM20253	3/4"	1/2"
PPS1-9CM25253	1"	1/2"
PPS1-9CM25254	1"	3/4"
PPS1-9CM32255	1 1/4"	1"
PPS1-9CM40256	1 1/2"	1 1/4"
PPS1-9CM40257	1 1/2"	1 1/2"


ALUMINUM PIPE CAP

MODEL	FOR PIPE OD
PPS1-BO16	1/2"
PPS1-BO20	3/4"
PPS1-BO25	1"
PPS1-BO32	1 1/4"
PPS1-BO40	1 1/2"
PPS1-BO50	2"
PPS1-BO63	2 1/2"
PPS1-BO80	3"
PPS1-BO100	4"


FEMALE THREAD TEE FITTING



MODEL	FOR PIPE OD	FNPT
PPS1-TT16202	1/2"	3/8"
PPS1-TT20203	3/4"	1/2"
PPS1-TT25203	1"	1/2"
PPS1-TT25204	1"	3/4"
PPS1-TT32204	1 1/4"	3/4"
PPS1-TT32205	1 1/4"	1"
PPS1-TT40204	1 1/2"	3/4"
PPS1-TT40205	1 1/2"	1"
PPS1-TT40206	1 1/2"	1 1/4"
PPS1-TT50205	2"	1"
PPS1-TT50206	2"	1 1/4"
PPS1-TT50207	2"	1 1/2"
PPS1-TT63205	2 1/2"	1"
PPS1-TT63206	2 1/2"	1 1/4"
PPS1-TT63207	2 1/2"	1 1/2"
PPS1-TT63208	2 1/2"	2"
PPS1-TT80205	3"	1"
PPS1-TT80207	3"	1 1/2"
PPS1-TT80208	3"	2"
PPS1-TT80209	3"	2 1/2"
PPS1-TT1002010	4"	3"




ALUMINUM CROSS FITTING CAP




MODEL	MNPT THREAD
PPS1-A7253	1/2"
PPS1-A7255	1"
PPS1-A7257	1 1/2"

TAPPING FLANGE PARALLEL FEMALE THREAD




MODEL	PIPE OD	FNPT
PPS1-BFT25203	1"	1/2"
PPS1-BFT25204	1"	3/4"
PPS1-BFT32203	1 1/4"	1/2"
PPS1-BFT32204	1 1/4"	3/4"
PPS1-BFT40203	1 1/2"	1/2"
PPS1-BFT40204	1 1/2"	1"
PPS1-BFT40205	1 1/2"	1"
PPS1-BFT50203	2"	1/2"
PPS1-BFT50204	2"	3/4"
PPS1-BFT50205	2"	1"
PPS1-BFT63203	2 1/2"	1/2"
PPS1-BFT63204	2 1/2"	3/4"
PPS1-BFT63205	2 1/2"	1"
PPS1-BFT63206	2 1/2"	1 1/4"
PPS1-BFT80203	3"	1/2"
PPS1-BFT80204	3"	3/4"
PPS1-BFT80205	3"	1"
PPS1-BFT80206	3"	1 1/4"
PPS1-BFT100204	4"	3/4"
PPS1-BFT100205	4"	1"
PPS1-BFT100207	4"	1 1/2"


FEMALE THREAD STRAIGHT FITTING



MODEL	FOR PIPE OD	FNPT
PPS1-MF16202	1/2"	3/8"
PPS1-MF16203	1/2"	1/2"
PPS1-MF20203	3/4"	1/2"
PPS1-MF20204	3/4"	3/4"
PPS1-MF25203	1"	1/2"
PPS1-MF25204	1"	3/4"
PPS1-MF25205	1"	1"
PPS1-MF32205	1 1/4"	1"
PPS1-MF32206	1 1/4"	1 1/4"
PPS1-MF40206	1 1/2"	1 1/4"
PPS1-MF40207	1 1/2"	1 1/2"
PPS1-MF50207	2"	1 1/2"
PPS1-MF50208	2"	2"
PPS1-MF63208	2 1/2"	2"
PPS1-MF63209	2 1/2"	2 1/2"
PPS1-MF80209	3"	2 1/2"
PPS1-MF802010	3"	3"
PPS1-MF1002010	4"	3"




CROSS ALUMINUM FITTINGS



MODEL	FOR PIPE OD	OUTLET FNPT
PPS1-CR203	1/2"	1/2"
PPS1-CR205	1"	1"
PPS1-CR207	1 1/2"	1 1/2"
PPS1-CR50	2"	-
PPS1-CR63	2 1/2"	-
PPS1-CR80	3"	-
PPS1-CR100	4"	-

TAPPING FLANGE FEMALE THREAD



MODEL	FOR PIPE OD	FNPT
PPS1-BT25202	1"	3/8"
PPS1-BT25203	1"	1/2"
PPS1-BT40203	1 1/2"	1/2"
PPS1-BT32203	1 1/4"	1/2"
PPS1-BT40204	1 1/2"	3/4"
PPS1-BT32204	1 1/4"	3/4"
PPS1-BT40205	1 1/2"	1"
PPS1-BT50203	2"	1/2"
PPS1-BT50204	2"	3/4"
PPS1-BT50205	2"	1"
PPS1-BT63203	2 1/2"	1/2"
PPS1-BT63204	2 1/2"	3/4"
PPS1-BT63205	2 1/2"	1"
PPS1-BT80203	3"	1/2"
PPS1-BT80204	3"	3/4"
PPS1-BT80205	3"	1"

MALE THREAD STRAIGHT FITTING



MODEL	PIPE OD	MNPT
PPS1-MM16252	1/2"	3/8"
PPS1-MM16253	1/2"	1/2"
PPS1-MM20253	3/4"	1/2"
PPS1-MM20254	3/4"	3/4"
PPS1-MM25253	1"	1/2"
PPS1-MM25254	1"	3/4"
PPS1-MM25255	1"	1"
PPS1-MM32255	1 1/4"	1"
PPS1-MM32256	1 1/4"	1 1/4"
PPS1-MM40256	1 1/2"	1 1/4"
PPS1-MM40257	1 1/2"	1 1/2"
PPS1-MM50257	2"	1 1/2"
PPS1-MM50258	2"	2"
PPS1-MM63258	2 1/2"	2"
PPS1-MM63259	2 1/2"	2 1/2"
PPS1-MM80259	3"	2 1/2"
PPS1-MM802510	3"	2"


ALUMINUM TAPPING FLANGE



MODEL	FOR PIPE OD	FLANGE
PPS1-BP2516	1"	1/2"
PPS1-BP2520	1"	3/4"
PPS1-BP3216	1 1/4"	1/2"
PPS1-BP3220	1 1/4"	3/4"
PPS1-BP4016	1 1/2"	1/2"
PPS1-BP4020	1 1/2"	3/4"
PPS1-BP4025	1 1/2"	1"
PPS1-BP5016	2"	1/2"
PPS1-BP5020	2"	3/4"
PPS1-BP5025	2"	1"
PPS1-BP6320	2 1/2"	3/4"
PPS1-BP6325	2 1/2"	1"
PPS1-BP6332	2 1/2"	1 1/4"
PPS1-BP8020	3"	3/4"
PPS1-BP8025	3"	1"
PPS1-BP8032	3"	1 1/4"
PPS1-BP10025	4"	1"
PPS1-BP10032	4"	1 1/4"



TAPPING FLANGE WITH VALVE



MODEL	FOR PIPE OD	FNPT
PPS1-BFV25203	1"	1/2"
PPS1-BFV32203	1 1/4"	1/2"
PPS1-BFV40203	1 1/2"	1/2"
PPS1-BFV40205	1 1/2"	1"
PPS1-BFV50203	2"	1/2"
PPS1-BFV50205	2"	1"
PPS1-BFV63203	2 1/2"	1/2"
PPS1-BFV63205	2 1/2"	1"
PPS1-BFV80203	3"	1/2"
PPS1-BFV80205	3"	1"
PPS1-BFV100203	4"	1/2"
PPS1-BFV100205	4"	1"

PPS SYSTEM ACCESSORIES

DRILL BIT FOR TAPPING FLANGE

MODEL	DRILL Ø	FOR PIPE OD
PPS-SP16	0.63"	1/2" - 1 1/4"
PPS-SP22	0.87"	1 1/2" - 2"
PPS-SP30	1.18"	2 1/2" - 3"
PPS-SP41	1.61"	4"

DRILLING TOOL UNDER PRESSURE

MODEL	DRILL Ø	MNPT PIPE THREAD
PPS-DRL253	0.63"	1/2"
PPS-DRL255	0.87"	1"

PIPE DEBURR FOR HAND-HELD DRILL

MODEL	FOR PIPE OD
PPS-CHPD2016	1/2" - 3/4"
PPS-CHPD25	1"
PPS-CHPD32	1 1/4"
PPS-CHPD40	1 1/2"
PPS-CHPD50	2"
PPS-CHPD63	2 1/2"
PPS-CHPD80	3"
PPS-CHPD100	4"

MANUAL PIPE DEBURR TOOL

MODEL	DESCRIPTION
PPS-CHERP	DEBUR IN/OUT

INSERTION TOOL GUIDE FOR PPS PIPE & FITTINGS

MODEL	FOR PIPE OD
PPS-INS63100	2 1/2" - 3" - 4"

METAL SUPPORT BRACKETS

MODEL	LENGTH
PPS1-CIRSI16	7.09"
PPS1-CIRSI20	11.81"
PPS1-CIRSI25	16.54"
PPS1-CIRSI32	20.08"

METAL SUPPORT SCREW

MODEL	LENGTH	METRIC THREAD
CS-0VIS1	0.79"	M8
CS-VIS2	1.57"	M8

BEAM CLIPS

MODEL	PANEL DEPTH	METRIC THREAD
CP-016	UP TO .63"	M6 OR CROSSPIECE
CP-M8	.04" - .31"	M8
CP-38	.11" - .31"	-
CP-814	.31" - .55"	-
CP-1420	.55" - .78"	-

NEUTRAL HOOK SPANNER

MODEL	FOR FITTING Ø
PPS1-CLESTD	1/2" - 3"

TORQUE WRENCHES

MODEL	DRIVER	MAX UNSCREW TORQUE
TTW-0630	3/8"	6 - 30
TTW-20100	3/8"	20 - 100

PIPE CHAMFER FOR HAND-HELD DRILL

MODEL	FOR PIPE OD
PPS-CHP50	1/2" - 2"

MANUAL PIPE CHAMFERS

MODEL	FOR PIPE OD
PPS-CH50	1/2" - 2"
PPS-CH110	2 1/2" - 4"

PIPE CUTTER

MODEL	FOR PIPE OD
PPS-CTU63	1/2" - 2 1/2"
PPS-CTU110	2 1/2" - 4"

VALVE BRACKETS

MODEL	FOR PIPE OD
PPS1-CIRSI16	1/2"
PPS1-CIRSI20	3/4"
PPS1-CIRSI25	1"
PPS1-CIRSI32	1 1/4"
PPS1-CIRSI40	1 1/2"
PPS1-CIRSI50	2"
PPS1-CIRSI63	2 1/2"
PPS1-CIRSI80	3"
PPS1-CIRSI100	4"

PIPE CLAMP SUSPENSION SYSTEM

MODEL	LENGTH	METRIC THREAD
SK-SC5T	5'	3/8 UNC
SK-SC10T	10'	3/8 UNC

M8 THREAD UNION CONNECTOR LOCK NUT • MALE STRUT

MODEL	DESCRIPTION
TF-M8100	39" CONNECTOR
TL-RM8	UNION FOR M8
TE-M8	LOCK NUT
TL-M8	MALE STRUT

ASSEMBLY GEL LUBRICANT

MODEL	DESCRIPTION
PPS-AL	FOR FITTING INSERTIONS

SPANNER WRENCH

MODEL	FOR FITTING Ø
PPS1-CLE16	1/2"
PPS1-CLE20	3/4"
PPS1-CLE25	1"
PPS1-CLE32	1 1/4"
PPS1-CLE40	1 1/2"
PPS1-CLE50	2"
PPS1-CLE63	2 1/2"
PPS1-CLE80	3"

PIPE CLAMPS (BOX OF 5)

MODEL	PIPE OD	THREAD
PPS1-CI16	1/2"	M8
PPS1-CI16UNC	1/2"	3/8" UNC FEMALE
PPS1-CI20	3/4"	M8
PPS1-CI20UNC	3/4"	3/8" UNC FEMALE
PPS1-CI25	1"	M8
PPS1-CI25UNC	1"	3/8" UNC FEMALE
PPS1-CI32	1 1/4"	M8
PPS1-CI32UNC	1 1/4"	3/8" UNC FEMALE
PPS1-CI40	1 1/2"	M8
PPS1-CI40UNC	1 1/2"	3/8" UNC FEMALE
PPS1-CI50	2"	M8
PPS1-CI50UNC	2"	3/8" UNC FEMALE
PPS1-CI63	2 1/2"	M8
PPS1-CI63UNC	2 1/2"	3/8" UNC FEMALE
PPS1-CI80	3"	M8
PPS1-CI80UNC	3"	3/8" UNC FEMALE
PPS1-CI100	4"	M8
PPS1-CI100UNC	4"	3/8" UNC FEMALE

M8 GALVANIZED STUD

MODEL	LENGTH	METRIC THREAD
PV-80	1.97"	M8
PV-880	3.15"	M8
TA-M8FU	M8 MALE x 3/8" UNC FEMALE ADAPTER	

SCREW Ø 6 MM

MODEL	LENGTH
TVB-660	2.36"
TVB-690	3.54"

PIPE CLAMP SPACER

MODEL	LENGTH
PPS1-CIS1632	1.38"
PPS1-CIS4050	0.79"

FEMALE THREAD VALVES

MODEL	PIPE OD	FNPT
PPS1-RSIF16203	2 1/2"	1/2"
PPS1-RSIF20203	3/4"	1/2"
PPS1-RSIF25204	1"	3/4"
PPS1-RSIF32205	1 1/4"	1"
PPS1-RSIF40206	1 1/2"	1 1/4"
PPS1-RSIF50207	2"	1 1/2"
PPS1-RSIF50208	2 1/2"	2"
PPS1-RSIF80209	3"	2 1/2"

MALE THREAD VALVES

MODEL	FOR PIPE OD	MNPT
PPS1-RSIM16253	1/2"	1/2"
PPS1-RSIM20253	3/4"	1/2"
PPS1-RSIM25254	1"	3/4"
PPS1-RSIM32255	1 1/4"	1"
PPS1-RSIM40256	1 1/2"	1 1/4"
PPS1-RSIM50257	2"	1 1/2"

REMOTE CONTROL PNEUMATIC VALVE

MODEL	FOR PIPE OD
PPS1-VP40	1 1/2"
PPS1-VP50	2"
PPS1-VP63	2 1/2"
PPS1-VP80	3"
PPS1-VPC100	4"

PIPING VALVE

MODEL	FOR PIPE OD
PPS1-RSI16	1/2"
PPS1-RSI20	3/4"
PPS1-RSI25	1"
PPS1-RSI32	1 1/4"
PPS1-RSI40	1 1/2"
PPS1-RSI50	2"
PPS1-RSI63	2 1/2"
PPS1-RSI80	3"
PPS1-RSI100	4"

ALUMINUM BODY VALVE

MODEL	PIPE OD
PPS1-RSICAL63	2 1/2"
PPS1-RSICCAL63	2 1/2"

PNEUMATIC SAFETY VALVE KIT

MODEL	PIPE OD
PPS1-SKITVP40	1 1/2"
PPS1-SKITVP50	2"
PPS1-SKITVP63	2 1/2"
PPS1-SKITVP80	3"
PPS1-SKITVP100	4"

PPS1 REMOTE CONTROL

MODEL	DESCRIPTION
PPS-RPE	PUSH BUTTON
PPS-RPK	KEY SWITCH
PPS-MTPA 270412	SHEATHED TUBE

INSTALLATION TOOL KIT

PPS CT1650
1/2" - 2 1/2" Tube cutter for Ø ext: PPS CTU63
1/2" - 2" Chamfering tool for tube Ø ext: PPS CH50
Deburring int/ext: PPS CHERAP
1/2" - 1 1/4" Bit for drilling tube: PPS SP16
Bit for drilling tube 1 1/2" to 2": PPS SP22
Marker pen: PPS PEN

TIGHTENING WRENCH CASES

PPS CK1632
1/2" Tightening wrench: PPS1 CLE16
3/4" Tightening wrench: PPS1 CLE20
1" Tightening wrench: PPS1 CLE25
1 1/4" Tightening wrench: PPS1 CLE32
Marker pen: PPS PEN
PPS CK4050
1 1/2" Tightening wrench: PPS1 CLE40
2" Tightening wrench: PPS1 CLE50
Marker pen: PPS PEN

CCHPD PIPE CHAMFERING KITS

PPS CCHP1650
1 x PPS CCHPD2016
1 x PPS CCHPD25
1 x PPS CCHPD32
1 x PPS CCHPD40
1 x PPS CCHPD50
1 x Hexagonal quick coupling
PPS CCHP63100
1 x PPS CCHPD63
1 x PPS CCHPD80
1 x PPS CCHPD100
1 x Hexagonal quick coupling

CD DRILLING TOOL KITS

PPS CD1641
1 x PPS SP16
1 x PPS SP22
1 x PPS SP30
1 x PPS SP41
1 x Hexagonal quick coupling
PPS CDP253255
1 x PPS DRIL253
1 x PPS DRIL255

SINGLE WALL BRACKET 1 COUPLER & DRAIN

MODEL	FNPT INLET	FNPT OUTLET
MF-203S1	1/2"	1/2"
Drill Ø: 0.25"		

DOUBLE WALL BRACKET 2 COUPLERS & DRAIN

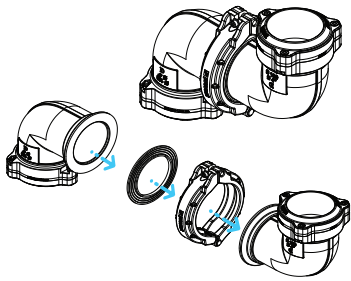
MODEL	FNPT INLET	FNPT OUTLET
MF-203S2	1/2"	1/2"
MF-204S2	3/4"	1/2"
Drill Ø: 0.25"		

WALL MOUNT WITHOUT COUPLERS

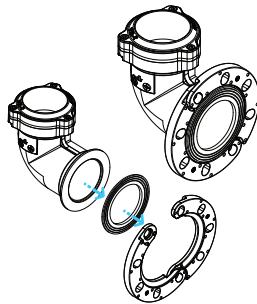
MODEL	FNPT INLET	FNPT OUTLET	OUTLETS
MF-204S4	3/4"	1/2"	4
MF-204S6	3/4"	1/2"	6
MF-204S8	3/4"	1/2"	8
MF-204S10	3/4"	1/2"	10
Drill Ø: 0.25" A4-254201 & MA-14T needed for a fully functional drain			

COMPACT CONNECTION 100% ALUMINUM NETWORK

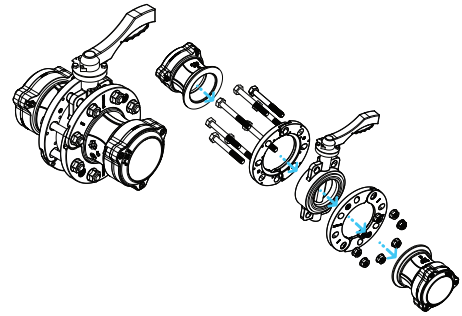
COMPACT CONNECTOR CONCEPT



CONNECTION CLAMP – PPS1 CC



CONNECTION FLANGE – PPS1 FL



CONNECTION VALVE – PPS1 RSI

	MODEL	FOR PIPE OD
	PPS1-9CC50	2"
	PPS1-9CC63	2 1/2"
	PPS1-9CC80	3"
PPS1-9CC100	4"	

	MODEL	FOR PIPE OD
	PPS1-TCCC50	2"
	PPS1-TCCC63	2 1/2"
	PPS1-TCCC80	3"
PPS1-TCCC100	4"	

	MODEL	PIPE OD	PIPE OD
	PPS1-UC6350	2 1/2" - 2"	2"
	PPS1-UC8063	3" - 2 1/2"	2 1/2"
PPS1-UC10080	4"	3"	

	MODEL	FOR PIPE OD
	PPS1-UC50	2"
	PPS1-UC63	2 1/2"
	PPS1-UC80	3"
PPS1-UC100	4"	

	MODEL	FOR PIPE OD
	PPS1-9CCC50	2"
	PPS1-9CCC63	2 1/2"
	PPS1-9CCC80	3"
	PPS1-9CCC100	4"
	PPS1-4CCC50	2"
	PPS1-4CCC63	2 1/2"
	PPS1-4CCC80	3"
	PPS1-4CCC100	4"

	MODEL	FOR PIPE OD
	PPS1-4CCC50	2"
	PPS1-4CCC63	2 1/2"
	PPS1-4CCC80	3"
PPS1-4CCC100	4"	

	MODEL	FOR PIPE OD
	PPS1-TCCC50	2"
	PPS1-TCCC63	2 1/2"
	PPS1-TCCC80	3"
PPS1-TCCC100	4"	

	MODEL	FOR PIPE OD
	PPS1-CC50	2"
	PPS1-CC63	2 1/2"
	PPS1-CC80	3"
PPS1-CC100	4"	

	MODEL	FOR PIPE OD	FLANGE SIZE
	PPS1-FL50	2"	2"
	PPS1-FL63	2 1/2"	2 1/2"
	PPS1-FL80	3"	3"
PPS1-FL100	4"	4"	

COMPACT CONNECTION ACCESSORIES

MODEL	FOR PIPE OD	FNPT THREAD
PPS1-FT50207	2"	1 1/2"
PPS1-FT63208	2 1/2"	2"
PPS1-FT80209	3"	2 1/2"
PPS1-FT100208	4"	2"
PPS1-FT1002010	4"	3"

MODEL	FOR PIPE OD
PPS1-CAP100	4"

MODEL	FOR PIPE OD	FNPT THREAD
PPS1-MT50257	2"	1 1/2"
PPS1-MT63258	2 1/2"	2"
PPS1-MT80259	3"	2 1/2"

MODEL	FOR PIPE OD	FLANGE SIZE
PPS1-RSI80BB	3"	3"
PPS1-RSI100BB	4"	4"

MODEL	FOR PIPE OD
PPS1-GPB50	2"
PPS1-GPB63	2 1/2"
PPS1-GPB80	3"
PPS1-GPB100	4"

MODEL	DESCRIPTION
PPS1-SCKM1665	M16 x 65
PPS1-SCKM16120	M16 x 20

EXPANSION KIT

MODEL	FOR PIPE OD
PPS1-DK63	2 1/2"
PPS1-DK80	3"
PPS1-DK100	4"

LOCK KIT FOR 1/2" - 2" VALVES

MODEL	FOR VALVE Ø
PPS1-LK1625	1 1/2" - 2"
PPS1-LK3240	1 1/4" - 1 1/2"
PPS1-LK50	2"

ALUMINUM NUT

MODEL	FOR FITTING Ø
PPS1-NUT16	1/2"
PPS1-NUT20	3/4"
PPS1-NUT25	1"
PPS1-NUT32	1 1/4"
PPS1-NUT40	1 1/2"
PPS1-NUT50	2"
PPS1-NUT63	2 1/2"
PPS1-NUT80	3"

STRAIGHT ALUMINUM FITTING WITH FLANGE

MODEL	FOR PIPE OD	FLANGE SIZE
PPS1-UF63	2 1/2"	2 1/2"
PPS1-UF80	3"	3"
PPS1-UF100	4"	4"
PPS1-UFC50	2"	2"
PPS1-UFC63	2 1/2"	2 1/2"
PPS1-UFC80	3"	3"

LOCK KIT FOR 2 1/2" - 4" VALVES

MODEL	FOR VALVE Ø
PPS1-LK6380	2 1/2" - 3"
PPS1-LK100	4"

INTERNAL PARTS

MODEL	FOR FITTING Ø
PPS1-IP16	1/2"
PPS1-IP20	3/4"
PPS1-IP25	1"
PPS1-IP32	1 1/4"
PPS1-IP40	1 1/2"
PPS1-IP50	2"
PPS1-IP63	2 1/2"
PPS1-IP80	3"
PPS1-IP100	4"

BLUE INTERNAL SEAL NBR

MODEL	FOR FITTING Ø	PKG QTY
PPS1-SEAL16	1/2"	10
PPS1-SEAL20	3/4"	10
PPS1-SEAL25	1"	10
PPS1-SEAL32	1 1/4"	10
PPS1-SEAL40	1 1/2"	5
PPS1-SEAL50	2"	5
PPS1-SEAL63	2 1/2"	2
PPS1-SEAL80	3"	2
PPS1-SEAL100	4"	1

GREEN VITON SEALS (PACKAGE)

MODEL	FOR FITTING Ø	PKG QTY
PPS1-SEAL16V	1/2"	10
PPS1-SEAL20V	3/4"	10
PPS1-SEAL25V	1"	10
PPS1-SEAL32V	1 1/4"	10
PPS1-SEAL40V	1 1/2"	5
PPS1-SEAL50V	2"	5
PPS1-SEAL63V	2 1/2"	2
PPS1-SEAL80V	3"	2
PPS1-SEAL100V	4"	1

MODEL	FOR TUBE OD	PKG QTY
PPS1-GP50V	1/2"	1
PPS1-GP63V	2 1/2"	1
PPS1-GP80V	3"	1
PPS1-GP100V	4"	1

TAPPING FLANGE O-RING SEALS

MODEL	FOR FITTING Ø	PKG QTY
PPS1-BPoring25	1"	10
PPS1-BPoring32	1 1/4"	10
PPS1-BPoring40	1 1/2"	10
PPS1-BPoring50	2"	10
PPS1-BPoring63	2 1/2"	10
PPS1-BPoring80	3"	10
PPS1-BPoring100	4"	10

BLUE BANDS (PACKAGE)

MODEL	FOR FITTING Ø	PKG QTY
PPS1-BA16	1/2"	10
PPS1-BA20	3/4"	10
PPS1-BA25	1"	10
PPS1-BA32	1 1/4"	10
PPS1-BA40	1 1/2"	10
PPS1-BA50	2"	10
PPS1-BA63	2 1/2"	10
PPS1-BA80	3"	10
PPS1-BA100	4"	1

GREY BANDS (PACKAGE)

MODEL	FOR FITTING Ø	PKG QTY
PPS1-GBA25	1"	10
PPS1-GBA32	1 1/4"	10
PPS1-GBA40	1 1/2"	10
PPS1-GBA50	2"	10
PPS1-GBA63	2 1/2"	10
PPS1-GBA80	3"	10

FASTPIPE COMPRESSED AIR ALUMINUM PIPE SYSTEM



- FASTPIPE compressed air aluminum pipe connects perfectly through compression fittings. Sealed connections create less compressor run time
- The smooth inner wall & free flowing fittings lower compressed air costs
- PVC, Copper & Black Iron systems leak 8-10% of air through threaded connections, which taxes compressor and adds to utility bill
- RapidAir's FASTPIPE aluminum compressed air piping is lightweight and easy to cut & lift
- Available in 3/4", 1", 1 1/2", 2", 3", 4" & 6". 6" can be joined with MAXLINE system through pipe thread adapter fittings

**Ideal for Industrial Plants, Manufacturing Facilities,
Small Businesses, Auto Shops, Heavy Truck repair, and more**



OUTLET WITH SHUT OFF



FAST PIPE STRUT CLAMPS FOR EASY MOUNTING



THRU WALL OUTLETS



BEAM CLAMP & HANGER MOUNTING



1 Cut Pipe to length with tubing cutter (must be square do not use hack saw)



2 Deburr cut end of pipe inside & outside (smooth edge fits assembly without damaging O-Ring)



3 Mark end of pipe to the insertion depth

- 3/4" fittings: 2"
- 1" fittings: 2 3/4"
- 1 1/2" fittings: 4"
- 2" fittings: 4 3/4"



4 Wet end of pipe with very diluted soapy water (do not use oil or grease lubricant)



5 Partially loosen fitting cone nut. Look inside for inner parts, O-Ring & stainless steel bite ring



6 Insert pipe into fitting until pipe bottoms out. Hand tighten fitting



FASTPIPE MASTER KIT 90' • 3 OUTLETS

F28070 3/4" FASTPIPE MASTER KIT PARTS LIST

(12) F1863 Pieces 7' 6" Aluminum Tubing,
 (20) F1022 Mount Clips, (7) F1002 Unions, (5) F1003 Elbows,
 (2) F1005 Tees, (3) F1024 Air Outlets, (1) F1118 3/4" MNPT Adapter,
 (2) F1020 Spanner Wrenches, (1) F0142 Deburr Tool

F28090 1" FASTPIPE MASTER KIT PARTS LIST

(12) F2863 Pieces 7' 6" FASTPIPE Aluminum Tubing,
 (20) F2022 Pack Mount Clips, (7) F2002 Unions, (5) F2003 Elbows,
 (2) F2005 Tees, (3) F2024 Air Outlets, (1) F2118 3/4" MNPT Adapter,
 (2) F2020 Spanner Wrenches, (1) F0142 Deburr Tool



FASTPIPE MASTER KIT 235' • 5 OUTLETS

F28235V-1.5 1.5" FASTPIPE MASTER KIT WITH SHUT OFF

(12) F4000 Pieces 19' 2" Aluminum Tubing,
 (30) F4022 Mount Clips, (3) F4002 Unions, (5) F4003 Elbows,
 (4) F4005 Tees, (5) F2026 Air Manifold Outlets, (5) F4218 1" MNPT
 Adapters, (1) F4418 1 1/2" MNPT Adapter, (5) FBV-10 1" FNPT Ball
 Valves, (5) SFCC 027 1" x 3/4" Hex Nipple, (2) F4020 Spanner
 Wrenches, (1) F0141 Deburr Tool, (1) Pipe Cutter



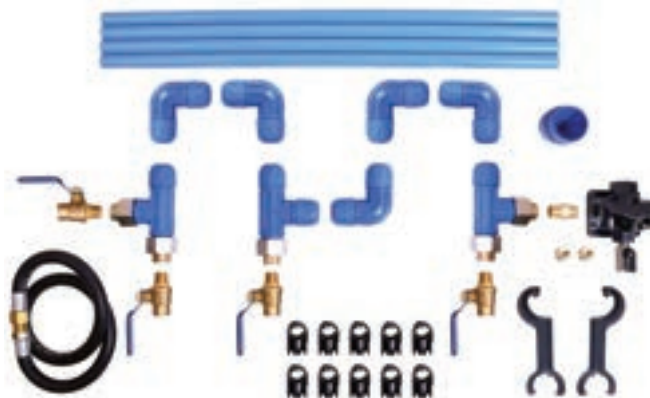
FASTPIPE KIT 90' • 3 OUTLETS WITH SHUT OFF

F28070V 3/4" FASTPIPE MASTER KIT WITH SHUT OFF

(12) F1863 Pieces 7' 6" Aluminum Tubing, (20) F1022 Mount Clips,
 (7) F1002 Unions, (5) F1003 Elbows, (2) F1005 Tees, (3) F1024V Air
 Outlets With Ball Valve Shut Off, (1) F1118 3/4" MNPT Adapter,
 (2) F1020 Spanner Wrenches, (1) F0142 Deburr Tool

F28090V 1" FASTPIPE MASTER KIT WITH SHUT OFF

(12) F2863 Pieces 7' 6" Aluminum Tubing, (20) F2022 Mount Clips,
 (7) F2002 Unions, (5) F2003 Elbows, (2) F2005 Tees, (3) F2024V Air
 Outlets With Ball Valve Shut Off, (1) F2118 3/4" MNPT Adapter,
 (2) F2020 Spanner Wrenches, (1) F0142 Deburr Tool



FASTPIPE COOLING KITS

F28072 3/4" FASTPIPE COOLING KIT PARTS LIST

(4) F1863 3/4" x 7'6" Pipe, (5) F1003 3/4" Elbows, (3) F1009 3/4"
 Reducing Tee x 1/2" FNPT, (2) F3400 3/4" Large Hex Nut, (2) F3411
 3/4" Insert Gasket, (2) F3450 3/4" Brass Insert x 1/2" FNPT,
 (4) K35050m 1/2" NPT Male x Female Brass Ball Valve, (1) 50616
 1/2" NPT Brass Hex Nipple, (1) F2024 Wall Outlet W 1/2" FNPT
 Inlet, (1) F0142 Deburr Tool, (2) F1020 3/4" Spanner Wrench,
 (10) F1022 Wall Clips, (1) F0213 1/2" x 3' Compressor Jumper Hose

F28092 1" FASTPIPE COOLING KIT PARTS LIST

(4) F2863 3/4" x 7'6" Pipe, (5) F2003 3/4" Elbows, (3) F2009 3/4"
 Reducing Tee x 1/2" FNPT, (2) F3100 1" Large Hex Nut, (2) F3111 1"
 Insert Gasket, (2) F3175 1" Brass Insert x 3/4" FNPT, (4) K35050m
 1/2" NPT Male x Female Brass Ball Valve, (1) 50620 3/4" x 1/2" NPT
 Brass Hex Nipple, (1) F2025 Wall Outlet W 3/4" FNPT Inlet,
 (1) F0142 Deburr Tool, (2) F2020 1" Spanner Wrench,
 (10) F2022 Wall Clips, (1) F0215 3/4" x 3' Compressor Jumper Hose

FASTPIPE COMPRESSED AIR TUBING

FASTPIPE ALUMINUM PIPING

MODEL	SIZE	DESCRIPTION	OD	CODE
F1000	3/4"	Blue Aluminum Pipe (19' 2") each	20mm	F
F1863	3/4"	Blue Aluminum Pipe (7' 6") each	20mm	G
F2000	1"	Blue Aluminum Pipe (19' 2") each	25mm	F
F2863	1"	Blue Aluminum Pipe (7' 6") each	25mm	G
F4000	1 1/2"	Blue Aluminum Pipe (19' 2") each	40mm	F
F4863	1 1/2"	Blue Aluminum Pipe (7' 6") each	40mm	G
F5000	2"	Blue Aluminum Pipe (19' 2") each	50mm	F
FI7000	3"	Blue Aluminum Pipe (19' 2") each	80mm	F
FI8000	4"	Blue Aluminum Pipe (19' 2") each	100mm	F
FI9000	6"	Blue Aluminum Pipe (19' 2") each	150mm	F
F1000GREEN	3/4"	Green Aluminum Pipe (19' 2") each	20mm	F
F2000GREEN	1"	Green Aluminum Pipe (19' 2") each	25mm	F
F4000GREEN	1 1/2"	Green Aluminum Pipe (19' 2") each	40mm	F
F5000GREEN	2"	Green Aluminum Pipe (19' 2") each	40mm	F

G = Ground Shipping F = Freight Truck Shipping Only



FASTPIPE THRU WALL AIR OUTLET

MODEL	DESCRIPTION
F1024W	3/4" THRU WALL OUTLET (1) 1/2" FNPT PORT
F2024W	1" THRU WALL OUTLET (1) 1/2" FNPT PORT

SURFACE WALL MOUNT AIR OUTLET

MODEL	DESCRIPTION
F1024	3/4" WALL OUTLET (4) 1/2" FNPT PORTS
F2024	1" WALL OUTLET (4) 1/2" FNPT PORTS

SURFACE WALL MOUNT AIR OUTLET W/SHUT OFF

MODEL	DESCRIPTION
F1024V	3/4" WALL OUTLET (4) 1/2" FNPT PORTS & SHUT OFF
F2024V	1" WALL OUTLET (4) 1/2" FNPT PORTS & SHUT OFF

MOUNTING AND SUPPORTS

MODEL	SIZE	DESCRIPTION
F1022-10	3/4"	PIPE CLIP (10 PACK) THRU HOLE OR USE 5/16 THREADED ROD
F2022-10	1"	PIPE CLIP (10 PACK) THRU HOLE OR USE 5/16 THREADED ROD
F4022-10	1 1/2"	PIPE CLIP (10 PACK) THRU HOLE OR USE 5/16 THREADED ROD
F5022-10	2"	PIPE CLIP (10 PACK) THRU HOLE OR USE 5/16 THREADED ROD
F0017	3/4"	CLAMP FOR 1 5/8" UNISTRUT, EACH
F0022	1"	CLAMP FOR 1 5/8" UNISTRUT, EACH
F0023	1 1/2"	CLAMP FOR 1 5/8" UNISTRUT, EACH
F0025	2"	CLAMP FOR 1 5/8" UNISTRUT, EACH
F0019	3/4" - 1"	LOOP HANGER, ACCEPTS 3/8" THREADED ROD FOR 3/4" & 1"
F0020	1 1/2"	LOOP HANGER, ACCEPTS 3/8" THREADED ROD
F0024	2"	LOOP HANGER, ACCEPTS 3/8" THREADED ROD

FASTPIPE SUPPORTS

MODEL	DESCRIPTION
F0028	3/8-16 THREADED ROD, 6' LONG
F0029	3/8-16 HEX NUT, 100/BAG
F0018	BEAM CLAMP, THRU HOLE 5/16 OR 3/8 THREADED ROD
F0021	CANTILEVER ARM, 12", 1 5/8" STRUT


MALE NPT ADAPTERS

MODEL	SIZE	DESCRIPTION
F1018	3/4"	3/4" FASTPIPE x 1/2" MNPT ADAPTER
F1118	3/4"	3/4" FASTPIPE x 3/4" MNPT ADAPTER
F2018	1"	1" FASTPIPE x 1/2" MNPT ADAPTER
F2118	1"	1" FASTPIPE x 3/4" MNPT ADAPTER
F2218	1"	1" FASTPIPE x 1" MNPT ADAPTER
F4218	1 1/2"	1 1/2" FASTPIPE x 1" MNPT ADAPTER
F4418	1 1/2"	1 1/2" FASTPIPE x 1 1/2" MNPT ADAPTER
F5418	2"	2" FASTPIPE x 1 1/2" MNPT ADAPTER
F5518	2"	2" FASTPIPE x 2" MNPT ADAPTER


FEMALE NPT ADAPTERS

MODEL	SIZE	DESCRIPTION
F1221	3/4"	3/4" FASTPIPE x 1/2" FNPT ADAPTER
F1120	3/4"	3/4" FASTPIPE x 3/4" FNPT ADAPTER
F2221	1"	1" FASTPIPE x 1/2" FNPT ADAPTER
F2231	1"	1" FASTPIPE x 3/4" FNPT ADAPTER
F2220	1"	1" FASTPIPE x 1" FNPT ADAPTER
F4231	1 1/2"	1 1/2" FASTPIPE x 3/4" FNPT ADAPTER
F4420	1 1/2"	1 1/2" FASTPIPE x 1 1/2" FNPT ADAPTER
F5231	2"	2" FASTPIPE x 3/4" FNPT ADAPTER
F5241	2"	2" FASTPIPE x 1/2" FNPT ADAPTER


UNIONS

MODEL	SIZE	DESCRIPTION
 F1002	3/4"	3/4" EQUAL UNION
F2121	3/4" x 1"	3/4" x 1" REDUCING UNION
F2002	1"	1" EQUAL UNION
F4002	1 1/2"	1 1/2" EQUAL UNION
F4223	3/4" x 1 1/2"	3/4" x 1 1/2" REDUCING UNION
F4221	1" x 1 1/2"	1" x 1 1/2" REDUCING UNION
F5002	2"	2" EQUAL UNION
F5223	3/4" x 2"	3/4" x 2" REDUCING UNION
F5221	1" x 2"	1" x 2" REDUCING UNION
F5421	2" x 1 1/2"	1 1/2" x 2" REDUCING UNION


REDUCING NPT TEES

MODEL	SIZE	DESCRIPTION
 F1007	3/4"	3/4" REDUCING TEE x 1/4" FNPT
F1009	3/4"	3/4" REDUCING TEE x 1/2" FNPT
F2007	1"	1" REDUCING TEE x 1/4" FNPT
F2009	1"	1" REDUCING TEE x 1/2" FNPT
F2008	1"	1" REDUCING TEE x 3/4" FNPT
F4009	1 1/2"	1 1/2" REDUCING TEE x 1/2" FNPT
F4008	1 1/2"	1 1/2" REDUCING TEE x 3/4" FNPT
F5009	2"	2" REDUCING TEE x 1/2" FNPT
F5008	2"	2" REDUCING TEE x 3/4" FNPT

TEES

MODEL	SIZE	DESCRIPTION
 F1005	3/4"	3/4" EQUAL TEE
F2107	1" x 3/4"	1" x 3/4" REDUCING DROP LEG
F2005	1"	1" EQUAL TEE
F4206	1 1/2" x 3/4"	1 1/2" x 3/4" REDUCING DROP LEG
F4207	1 1/2" x 1"	1 1/2" x 1" REDUCING DROP LEG
F4005	1 1/2"	1 1/2" EQUAL TEE
F5206	2" x 3/4"	2" x 3/4" REDUCING DROP LEG
F5207	2" x 1"	2" x 1" REDUCING DROP LEG
F5005	2"	2" EQUAL TEE


SADDLE DROP FNPT DROP LEGS

MODEL	SIZE	DESCRIPTION
 F2011	1"	1" MAIN x 1/4" FNPT DROP
F2012	1"	1" MAIN x 1/2" FNPT DROP
F2112	1"	1" MAIN x 3/4" FNPT DROP
F4011	1 1/2"	1 1/2" MAIN x 1/4" FNPT DROP
F4012	1 1/2"	1 1/2" MAIN x 1/2" FNPT DROP
F4112	1 1/2"	1 1/2" MAIN x 3/4" FNPT DROP
F5011	2"	2" MAIN x 1/4" FNPT DROP
F5012	2"	2" MAIN x 1/2" FNPT DROP
F5112	2"	2" MAIN x 3/4" FNPT DROP


EQUAL ELBOWS

MODEL	SIZE	DESCRIPTION
 F1003	3/4"	3/4" ELBOW, 90°
F2003	1"	1" ELBOW, 90°
F4003	1 1/2"	1 1/2" ELBOW, 90°
F5003	2"	2" ELBOW, 90°
F2004	1"	1" ELBOW, 45°
F4004	1 1/2"	1 1/2" ELBOW, 45°
F5004	2"	2" ELBOW, 45°

NPT REDUCING 90° ELBOWS

MODEL	SIZE	DESCRIPTION
 F1073	3/4"	3/4" FASTPIPE x 1/4" FNPT
F1093	3/4"	3/4" FASTPIPE x 1/2" FNPT
F2073	1"	1" FASTPIPE x 1/4" FNPT
F2093	1"	1" FASTPIPE x 1/2" FNPT
F2083	1"	1" FASTPIPE x 3/4" FNPT


4-WAY CROSSES

MODEL	SIZE	DESCRIPTION
 F1051	3/4"	3/4" EQUAL CROSS
F2051	1"	1" EQUAL CROSS
F4051	1 1/2"	1 1/2" EQUAL CROSS
F5051	2"	2" EQUAL CROSS

SADDLE DROPS

MODEL	SIZE	DESCRIPTION
 F2210	1"	1" MAIN x 1" DROP
F4110	1 1/2"	1 1/2" MAIN x 3/4" DROP
F4210	1 1/2"	1 1/2" MAIN x 1" DROP
F5110	2"	2" MAIN x 3/4" DROP
F5210	2"	2" MAIN x 1" DROP

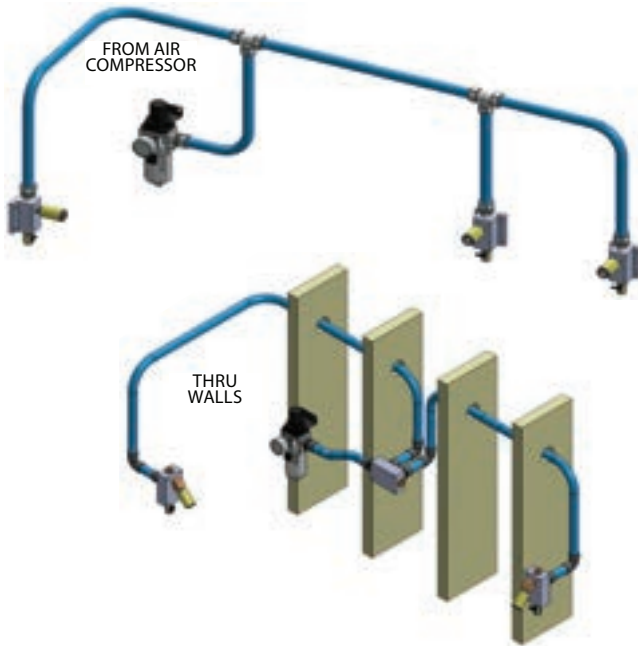
END CAPS

MODEL	SIZE	DESCRIPTION
 F1006	3/4"	3/4" END CAP
F2006	1"	1" END CAP
F4006	1 1/2"	1 1/2" END CAP
F5006	2"	2" END CAP

FASTPIPE IN-LINE BALL VALVES

MODEL	SIZE	DESCRIPTION
 F1111	3/4"	3/4" BALL VALVE SHUT KIT
F2222	1"	1" BALL VALVE SHUT KIT
F4444	1 1/2"	1 1/2" BALL VALVE SHUT KIT
F5555	2"	2" BALL VALVE SHUT KIT

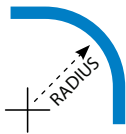
MAXLINE COMPRESSED AIR SYSTEM



MAXLINE fittings are designed to make installation fast and easy. No glue or threading is needed. Removal is easy too, and there are no expensive tools needed.



MAXLINE tubing can be bent to hold any shape. Care should be taken not to kink the tubing, but rather bend the tubing in a sweeping radius around corners and obstacles. Elbow fittings are available for sharp corners.



- MAXLINE is an industrial compressed air piping system that installs in half the time of traditional methods. It is a semi flexible tubing that comes in 25', 50', 100' or 300' coil and uses compression fittings for leak proof performance. It delivers clean compressed air, inert gas and vacuum
- MAXLINE flexible tubing is made of several layers: the inner and outer layer are HDPE and the center layer is aluminum. Its smooth inner surface delivers air efficiently and remains corrosion free for decades. It will maintain its shape after bending, which makes it ideal for layouts with many obstructions and corners
- MAXLINE Tubing can be direct buried in the soil or under concrete
 - Wrap all fittings underground and do a pressure test before covering
- MAXLINE tubing will expand and contract slightly with changes in temperature
- **PLANNING/LAYOUT:** Before beginning installation, create a plan to the location of air compressor and where to mount the compressed air outlets. On plan locate outlets, tees, and elbows if needed

MAXLINE piping is designed for efficient installation in diverse settings, from small shops and farms to large manufacturing facilities.



MAXLINE WALL MOUNT



Use wall clips for mounting
 3' spacing for 1/2" tubing
 5' spacing for 3/4" tubing
 5' spacing for 1" tubing



1 SQUARE CUT tubing with cutter, rotating wrist while cutting



2 BEVEL inside of the tubing by inserting reaming tool and rotating at least three full turns

Use PEG #25 for 3/4" tubing; remove nut & split ring from fitting and place on tubing



3 PUSH fitting onto the tubing, fully against the shoulder of the fitting (soapy water will help this process)



4 HAND-TIGHTEN nut. Put a reference mark on the nut, and on the fitting body



5 WRENCH-TIGHTEN nut at least 3/4 turn, or until tight



1/2" MAXLINE MASTER KIT 100'

M3800 1/2" MASTER KIT PARTS LIST (WALL CLIPS NOT INCLUDED)

(1) M6026 100' 1/2" Tubing, (1) M38220 Manifold Block, (3) 90120 Outlet Blocks, (4) 50135 3/8" NPT Plugs, (1) M8010 Tee Fitting, (5) M8080 Elbow Fittings, (3) 50120 3/8" NPT Drain Valves, (3) 50130 1/4" 45° Brass Street Elbows, (6) M8001 1/2" Tubing x 3/8" NPT Fittings, (1) M8002 1/2" Tubing x 1/2" NPT Fitting, (1) M8095 Bevel Tool, (1) M8091 Tubing Cutter, (5) M8054 Spare O-Rings



3/4" MAXLINE MASTER KITS

M7500 100' 3/4" MAXLINE MASTER KIT PARTS LIST

(1) M6030 100' 3/4" Tubing, (1) M8003 3/4" Tubing x 3/4" NPT Fitting, (3) M8005 3/4" Tubing x 1/2" NPT Fittings, (3) 50120 3/8" NPT Drain Valves, (2) M8065 Mount Clips (10/Pk), (3) M81010 Aluminum Blocks, (2) M8011 Tee Fittings, (3) 50136 1/2" NPT Plugs, (1) M8095 Bevel Tool, (1) M8091 Tubing Cutter, (5) M8055 Spare O-Rings

M7580 300' 3/4" MAXLINE MASTER KIT PARTS LIST

(1) M6031 300' 3/4" MAXLINE Tubing, (1) M8003 3/4" Tubing x 3/4" NPT Fitting, (3) M8005 3/4" Tubing x 1/2" NPT Fittings, (3) 50120 3/8" NPT Drain Valves, (2) M8065 Mount Clips (10/Pk), (3) M81010 Aluminum Blocks, (2) M8011 Tee Fittings, (3) 50136 1/2" NPT Plugs, (1) M8095 Bevel Tool, (1) M8091 Tubing Cutter, (5) M8055 Spare O-Rings



1" MAXLINE MASTER KITS

M6500 100' 1" MAXLINE MASTER KIT PARTS LIST

(1) M6032 100' 1" Tubing, (1) M8004 1" Tubing x 1" MNPT Fitting, (3) 3/8" NPT Drain Valves, (2) M8066 Mount Clips (10/Pk), (3) M8203 Air Outlets, (2) M8012 Tee Fittings, (3) 1/2" NPT Plugs, (1) M8095 Bevel Tool, (1) M8091 Tubing Cutter

M6580 300' 1" MAXLINE MASTER KIT PARTS LIST

(1) M6033 300' 1" Tubing, (1) M8004 1" Tubing x 1" MNPT Fitting, (3) 3/8" NPT Drain Valves, (3) M8066 Mount Clips (10/Pk), (3) M8203 Air Outlets, (2) M8012 Tee Fittings, (3) 1/2" NPT Plugs, (1) M8095 Bevel Tool, (1) M8091 Tubing Cutter



1" MAXLINE MASTER KITS WITH SHUT OFF

M6500V 100' 1" MASTER KIT WITH SHUT OFF PARTS LIST

(1) M6032 100' 1" Tubing, (1) M8004 1" Tubing x 1" MNPT Fitting, (3) 3/8" NPT Drain Valves, (2) M8066 Mount Clips (10/Pk), (3) M8203V Air Outlets With Shut Off, (2) M8012 Tee Fittings, (3) 1/2" NPT Plugs, (1) M8095 Bevel Tool, (1) M8091 Tubing Cutter

M6580V 300' 1" MASTER KIT WITH SHUT OFF PARTS LIST

(1) M6033 300' 1" Tubing, (1) M8004 1" Tubing x 1" MNPT Fitting, (3) 3/8" NPT Drain Valves, (3) M8066 Mount Clips (10/Pk), (3) M8203V Air Outlets With Shut Off, (2) M8012 Tee Fittings, (3) 1/2" NPT Plugs, (1) M8095 Bevel Tool, (1) M8091 Tubing Cutter

MAXLINE COMPRESSED AIR TUBING



Does Not include Beveling Tool or Tubing Cutter



MAXLINE TUBING (25') BLUE

MODEL	ID	DESCRIPTION
M6026-25	1/2"	1/2" TUBING
M6030-25	3/4"	3/4" TUBING
M6032-25	1"	1" TUBING

MAXLINE TUBING KIT (100') BLUE

MODEL	ID	DESCRIPTION
M6026	1/2"	1/2" TUBING KIT
M6030	3/4"	3/4" TUBING KIT
M6032	1"	1" TUBING KIT

MAXLINE TUBING KIT (100') GREEN

MODEL	ID	DESCRIPTION
M6026G	1/2"	1/2" GREEN TUBING KIT
M6030G	3/4"	3/4" GREEN TUBING KIT
M6032G	1"	1" GREEN TUBING KIT

MAXLINE TUBING (50') BLUE

MODEL	ID	DESCRIPTION
M6026-50	1/2"	1/2" TUBING
M6030-50	3/4"	3/4" TUBING
M6032-50	1"	1" TUBING

MAXLINE TUBING KIT (300') BLUE

MODEL	ID	DESCRIPTION
M6027	1/2"	1/2" TUBING KIT
M6031	3/4"	3/4" TUBING KIT
M6033	1"	1" TUBING KIT

MAXLINE TUBING KIT (300') GREEN

MODEL	ID	DESCRIPTION
M6027G	1/2"	1/2" GREEN TUBING KIT
M6031G	3/4"	3/4" GREEN TUBING KIT
M6033G	1"	1" GREEN TUBING KIT

MAXLINE SINGLE PORT OUTLET KIT

MODEL	ID	DESCRIPTION
M3810	1/2"	1/2" MAXLINE OUTLET 1/2" FNPT OUTLET PORT
M8101	1/2"	1/2" MAXLINE 1/2" FNPT OUTLET PORT
M7510	3/4"	3/4" MAXLINE 1/2" FNPT OUTLET PORT

MAXLINE SINGLE PORT OUTLET KIT WITH SHUT OFF

MODEL	ID	DESCRIPTION
M3810V	1/2"	1/2" MAXLINE OUTLET 1/2" FNPT OUTLET & SHUT OFF
M8101V	1/2"	1/2" MAXLINE 1/2" FNPT OUTLET & SHUT OFF
M7510V	3/4"	3/4" MAXLINE 1/2" FNPT OUTLET & SHUT OFF

MAXLINE DUAL PORT OUTLET KIT

MODEL	ID	DESCRIPTION
M8200	1/2"	1/2" MAXLINE OUTLET (2) 1/2" FNPT OUTLET PORT
M8201	3/4"	3/4" MAXLINE OUTLET (2) 1/2" FNPT OUTLET PORT
M8203	1"	1" MAXLINE OUTLET (2) 1/2" FNPT OUTLET PORT

MAXLINE DUAL PORT OUTLET KIT WITH SHUT OFF

MODEL	ID	DESCRIPTION
M8200V	1/2"	1/2" MAXLINE OUTLET (2) 1/2" FNPT OUTLETS & SHUT OFF
M8201V	3/4"	3/4" MAXLINE OUTLET (2) 1/2" FNPT OUTLETS & SHUT OFF
M8203V	1"	1" MAXLINE OUTLET (2) 1/2" FNPT OUTLETS & SHUT OFF

MAXLINE SINGLE PORT THRU WALL OUTLET KIT

MODEL	ID	DESCRIPTION
M3810W	1/2"	1/2" MAXLINE OUTLET 1/4" FNPT OUTLET
M7510W	3/4"	3/4" MAXLINE OUTLET 1/2" FNPT OUTLET

MAXLINE TUBING BALL VALVES

MODEL	ID	DESCRIPTION
M8038	1/2"	1/2" BALL VALVE
M8039	3/4"	3/4" BALL VALVE
M8040	1"	1" BALL VALVE

MAXLINE TUBING TOOLS

MODEL	DESCRIPTION
M8097	TUBING STRAIGHTENING TOOL FOR 1/2", 3/4" & 1"
M8096	TUBING BENDER TOOL FOR 1/2", 3/4" & 1"
M8091	1/2" & 3/4" MAXLINE PIPE CUTTER
M8051	1/2" & 3/4" & 1" MAXLINE PIPE CUTTER
M8095	BEVELING TOOL FOR 1/2", 3/4" & 1" TUBING



MAXLINE FNPT ADAPTERS

MODEL	ID	DESCRIPTION
M8006	1/2"	1/2" MAXLINE x 1/2" FNPT ADAPTER
M8007	3/4"	3/4" MAXLINE x 3/4" FNPT ADAPTER

MAXLINE MNPT ADAPTERS

MODEL	ID	DESCRIPTION
M8001	1/2"	1/2" MAXLINE x 3/8" MNPT ADAPTER
M8002	1/2"	1/2" MAXLINE x 1/2" MNPT ADAPTER
M8005	3/4"	3/4" MAXLINE x 1/2" MNPT ADAPTER
M8003	3/4"	3/4" MAXLINE x 3/4" MNPT ADAPTER
M8015	1"	1" MAXLINE x 3/4" MNPT ADAPTER
M8004	1"	1" MAXLINE x 1" MNPT ADAPTER

STAINLESS STEEL MNPT ADAPTERS

MODEL	ID	DESCRIPTION
M8030	1/2"	1/2" MAXLINE x 1/2" MNPT ADAPTER
M8031	3/4"	3/4" MAXLINE x 3/4" MNPT ADAPTER
M8032	1"	1" MAXLINE x 1" MNPT

MAXLINE UNIONS

MODEL	ID	DESCRIPTION
M8021	1/2"	1/2" EQUAL UNION
M8022	3/4"	3/4" EQUAL UNION
M8024	3/4" x 1/2"	3/4" x 1/2" REDUCING UNION
M8023	1"	1" EQUAL UNION
M8020	1" x 1/2"	1" x 1/2" REDUCING UNION
M8025	1" x 3/4"	1" x 3/4" REDUCING UNION

MAXLINE 90° FNPT ELBOWS

MODEL	ID	DESCRIPTION
M8009	1/2"	1/2" MAXLINE x 1/2" FNPT

MAXLINE 90° MNPT ELBOWS

MODEL	ID	DESCRIPTION
M8085	1/2"	1/2" MAXLINE x 1/2" MNPT
M8086	3/4"	3/4" MAXLINE x 1/2" MNPT
M8088	3/4"	3/4" MAXLINE x 3/4" MNPT
M8090	1"	1" MAXLINE x 1" MNPT

MAXLINE 90° ELBOWS

MODEL	ID	DESCRIPTION
M8080	1/2"	1/2" 90° UNION ELBOW
M8067	3/4"	3/4" 90° UNION ELBOW
M8068	1"	1" 90° UNION ELBOW

2" MAXLINE

MODEL	DESCRIPTION
M6520-100	2" MAXLINE TUBING KIT, CRIMP ON STYLE FITTINGS
M6520-200	2" MAXLINE TUBING, CRIMP ON
ST068T250	STRUT CLAMP
M8525	2" MAXLINE EQUAL UNION, CRIMP ON
M8541	2" MAXLINE x 1" MALE NPT ADAPTER, CRIMP ON
M8542	2" MAXLINE x 2" MALE NPT ADAPTER, CRIMP ON

MAXLINE EQUAL TEES

MODEL	ID	DESCRIPTION
M8010	1/2"	1/2" EQUAL TEE
M8011	3/4"	3/4" EQUAL TEE
M8012	1"	1" EQUAL TEE

MAXLINE STAINLESS STEEL EQUAL TEES

MODEL	ID	DESCRIPTION
M8033	1/2"	1/2" EQUAL TEE
M8034	3/4"	3/4" EQUAL TEE
M8035	1"	1" EQUAL TEE

MAXLINE EQUAL CROSSES

MODEL	ID	DESCRIPTION
M8041	1/2"	1/2" 4-WAY EQUAL CROSS
M8042	3/4"	3/4" 4-WAY EQUAL CROSS
M8043	1"	1" 4-WAY EQUAL CROSS

MAXLINE END CAPS

MODEL	ID	DESCRIPTION
M8026	1/2"	1/2" END CAP
M8027	3/4"	3/4" END CAP
M8028	1"	1" END CAP

MAXLINE REDUCING TEES

MODEL	ID	DESCRIPTION
M8014	3/4" x 1/2"	3/4" x 1/2" REDUCING DROP LEG
M8016	1" x 1/2"	1" x 1/2" REDUCING DROP LEG
M8018	1" x 3/4"	1" x 3/4" REDUCING DROP LEG

MAXLINE TO NPT DROP LEG TEES

MODEL	ID	DESCRIPTION
M8019	1/2"	1/2" MAXLINE x 1/2" FNPT DROP LEG
M8078	3/4"	3/4" MAXLINE x 1/2" FNPT DROP LEG
M8089	1"	1" MAXLINE x 3/4" FNPT DROP LEG

MAXLINE WALL MOUNT / STRUT CLAMPS

MODEL	ID	DESCRIPTION
M8064	1/2"	WALL MOUNT CLIPS, 10 PACK
M8065	3/4"	WALL MOUNT CLIPS, 10 PACK
M8066	1"	WALL MOUNT CLIPS, 10 PACK
ST010T062	1/2"	STRUT CLAMP, 1 5/8 UNISTRUT MNT
F0022	3/4"	STRUT CLAMP, 1 5/8 UNISTRUT MNT
ST035NP100	1"	STRUT CLAMP, 1 5/8 UNISTRUT MNT

MODEL	DESCRIPTION
M8530	2" MAXLINE EQUAL TEE, CRIMP ON
M8531	2" x 1" FEMALE NPT REDUCING DROP TEE, CRIMP ON
M8535	2" MAXLINE 90° UNION ELBOW, CRIMP ON
M8551	2" MAXLINE PIPE CUTTER
M8595	2" MAXLINE BEVELING TOOL
M8590	2" BEVELING HYDRAULIC CRIMP TOOL



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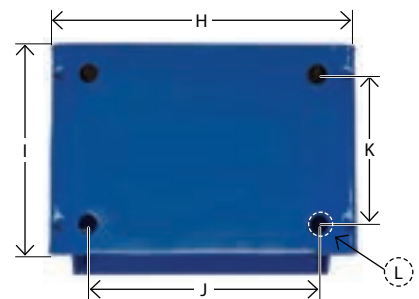
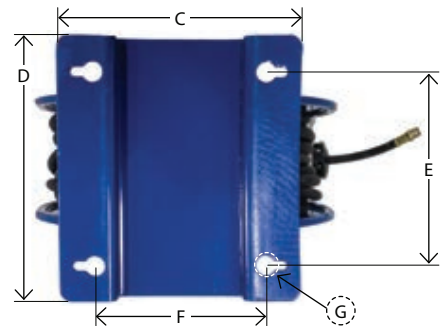
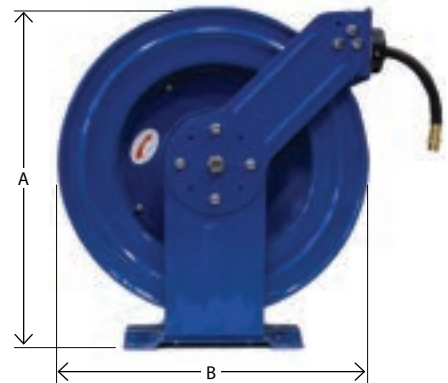
RAPID AIR INDUSTRIAL HOSE REELS

RAPID AIR INDUSTRIAL GRADE HOSE REELS (300 MAX PSI)

MODEL	HOSE ID	LENGTH	REEL INLET NPT	HOSE ENDS	REEL COLOR	HOSE COLOR	WT (LBS)
R-03050	3/8"	50'	1/2" FNPT	1/4" MNPT	BLUE	BLACK	36
R-03075	3/8"	75'	1/2" FNPT	1/4" MNPT	BLUE	BLACK	45
R-05050	1/2"	50'	1/2" FNPT	1/2" MNPT	BLUE	BLACK	52
R-05100	1/2"	100'	1/2" FNPT	1/2" MNPT	BLUE	BLACK	82
BK-03050	3/8"	50'	1/2" FNPT	1/4" MNPT	BLACK	RED	36
BK-03075	3/8"	75'	1/2" FNPT	1/4" MNPT	BLACK	RED	45
BK-05050	1/2"	50'	1/2" FNPT	1/2" MNPT	BLACK	RED	52

A	B	C	D	E	F	G
20"	17 1/2"	2 3/4"	5 3/4"	4 1/2"	7 1/2"	1/2"
22"	20"	11 5/8"	7"	5 1/4"	10"	1/2"
22"	20"	11 5/8"	7"	9 3/4"	9 3/4"	1/2"
23"	22"	10 3/4"	11 3/4"	8 5/8"	7 5/8"	3/4"
20"	17 1/2"	2 3/4"	5 3/4"	4 1/2"	7 1/2"	1/2"
22"	20"	11 5/8"	7"	5 1/4"	10"	1/2"
22"	20"	11 5/8"	7"	9 3/4"	9 3/4"	1/2"

- Robust heavy-duty steel construction
- Steel dual-arm mounting with stamped reinforcing ribs
- Durable powder coat finish
- Adjustable guide arm for flexible positioning
- Versatile installation on wall or ceiling
- 8-position ratchet gear locks hose when extended
- Spring return drive automatically rewinds hose
- Premium quality rubber air hose, made in Germany
- 300 PSI rated for high-pressure performance



OPTIONAL HOSE REEL SWIVEL

MODEL	DESCRIPTION
R-SB03050	FITS R-03050
R-SB05050	FITS R-03075 & R-05050

H	I	J	K	L
5 5/8"	7 1/4"	5 3/4"	4"	1/2"
8"	5 1/2"	4"	6"	1/2"

UNIVERSAL HOSE STOP

MODEL	ID	OD
STOP-131	1/4"	1/2"
STOP-131-3	3/8"	21/32"
STOP-131-4	1/2"	3/4"



Coxreels offers a complete line of high-quality hose, cord, and cable reels designed for durability and performance in demanding applications. Product identification is straightforward using either the OEM part number or corresponding Coxreels model number, ensuring proper selection and compatibility. Stocking options are available to support specific reel series or application requirements directly from Coxreels' warehouse, with product availability coming soon to our Georgia and Texas warehouses. Additional product information, specifications, and support are available upon request.



SH SERIES

Coxreels SH Series "Super Hub~" spring-driven hose reels are built on a proven design known for consistent, reliable performance. Featuring a larger frame and chassis, these reels are engineered to handle longer hose lengths and larger diameters with ease. The Super Hub~ dual axle support system enhances operational stability, minimizes vibration, and reinforces the overall strength and durability of the reel. Additional product information, specifications, and support are available upon request.



T SERIES

Coxreels T Series "Truck Mount" spring-driven hose reels are engineered for heavy-duty performance in the most demanding environments. Built with an oversized frame and dual pedestal-style arms, these reels incorporate the Super Hub~ system to provide enhanced multi-point axle support. This design improves stability, reduces vibration, and reinforces overall durability—making the T Series ideal for off-road and high-abuse applications where reliability is critical.



P SERIES

Coxreels P Series "Performance" spring-driven hose reels are built on a proven design known for reliable, long-term operation. Their compact, space-saving footprint combined with heavy-duty construction makes them highly versatile and exceptionally durable. With time-tested components and quality craftsmanship, the P Series has earned a strong reputation as a trusted solution for a wide range of hose reel applications and environments.



**ADDITIONAL
SERIES AND HOSES
ARE AVAILABLE!
REQUEST A QUOTE
TODAY!**

INDUSTRIAL PROFILE COUPLERS & PLUGS

Steel locking balls, NBR seal and stainless steel springs. 1/2" body size has 8 steel locking balls. Industry Standard Design for compressed air, water, grease, paint, limited vacuum, and limited gases. Manual retract for connecting and disconnecting. Maximum working pressure: 250 PSI

1/4" BODY INDUSTRIAL INTERCHANGE PROFILE COUPLERS

MODEL	THREAD	MATERIAL
COUP-540	1/4" FNPT	STEEL
COUP-540-B	1/4" FNPT	BRASS
COUP-541	3/8" FNPT	STEEL
COUP-541-B	3/8" FNPT	BRASS
COUP-552	1/4" MNPT	STEEL
COUP-552-B	1/4" MNPT	BRASS
COUP-553	3/8" MNPT	STEEL
COUP-553-B	3/8" MNPT	BRASS
COUP-562	1/4" BARB	STEEL
COUP-562-B	1/4" BARB	BRASS
COUP-564	3/8" BARB	STEEL
COUP-564-B	3/8" BARB	BRASS
COUP-565	1/4" PUSH-ON BARB	STEEL
COUP-565-B	1/4" PUSH-ON BARB	BRASS
COUP-566	3/8" PUSH-ON BARB	STEEL
COUP-566-B	3/8" PUSH-ON BARB	BRASS

1/4" BODY INDUSTRIAL INTERCHANGE PROFILE PLUGS

MODEL	THREAD	MATERIAL
PLUG-533	1/8" FNPT	STEEL
PLUG-534	1/4" FNPT	STEEL
PLUG-534-B	1/4" FNPT	BRASS
PLUG-535	3/8" FNPT	STEEL
PLUG-545	1/8" MNPT	STEEL
PLUG-546	1/4" MNPT	STEEL
PLUG-546-B	1/4" MNPT	BRASS
PLUG-065	1/4" MNPT SWIVEL	STEEL
PLUG-547	3/8" MNPT	STEEL
BARB-557	1/4" BARB	STEEL
BARB-559	3/8" BARB	STEEL
BARB-558	1/4" PUSH-ON BARB	STEEL
BARB-561	3/8" PUSH-ON BARB	STEEL

3/8" STEEL BODY INDUSTRIAL INTERCHANGE PROFILE COUPLERS

MODEL	THREAD
COUP-810	1/4" FNPT
COUP-811	3/8" FNPT
COUP-812	1/2" FNPT
COUP-823	1/4" MNPT
COUP-824	3/8" MNPT
COUP-825	1/2" MNPT
COUP-840	1/4" BARB
COUP-841	3/8" BARB
COUP-842	3/8" PUSH-ON BARB

3/8" STEEL BODY INDUSTRIAL INTERCHANGE PROFILE PLUGS

MODEL	THREAD
PLUG-801	1/4" FNPT
PLUG-802	3/8" FNPT
K8240	1/2" FNPT
PLUG-814	1/4" MNPT
PLUG-815	3/8" MNPT
K8241	1/2" MNPT
PLUG-828	3/8" BARB
PLUG-830	3/8" PUSH-ON BARB

1/2" STEEL BODY INDUSTRIAL INTERCHANGE PROFILE COUPLERS

MODEL	THREAD
COUP-12-812	1/2" FNPT
COUP-12-813	3/4" FNPT
COUP-12-825	1/2" MNPT
COUP-12-826	3/4" MNPT
COUP-12-841	3/8" BARB
COUP-12-843	1/2" BARB

1/2" STEEL BODY INDUSTRIAL INTERCHANGE PROFILE PLUGS

MODEL	THREAD
PLUG-12-803	1/2" FNPT
PLUG-12-804	3/4" FNPT
PLUG-12-816	1/2" MNPT
PLUG-12-817	3/4" MNPT
PLUG-12-828	3/8" BARB
PLUG-12-830	1/2" BARB

RAPID AIR COMPOSITE PUSH BUTTON INDUSTRIAL PROFILE COUPLER

MODEL	BODY SIZE	NPT
K7220	1/4"	1/4" FNPT
K7221	1/4"	1/4" MNPT
K7241	1/4"	1/2" MNPT
K9230	3/8"	3/8" FNPT
K9240	3/8"	1/2" FNPT
K9231	3/8"	3/8" MNPT
K9241	3/8"	1/2" MNPT

UNIVERSAL COUPLERS

MODEL	BODY SIZE	THREAD	MATERIAL
S27-20SFA	1/4"	1/4" FNPT	STEEL
COUP-560-B	1/4"	1/4" FNPT	BRASS
S27-20SMA	1/4"	1/4" MNPT	STEEL
COUP-579-B	1/4"	1/4" MNPT	BRASS
S27-30SFA	1/4"	3/8" FNPT	STEEL
S27-30SMA	1/4"	3/8" MNPT	STEEL
COUP-690-B	1/4"	1/4" BARB	BRASS
COUP-589-B	1/4"	3/8" MNPT	BRASS
COUP-691-B	1/4"	3/8" BARB	BRASS
S26-20SFA	3/8"	1/4" FNPT	STEEL
S26-30SFA	3/8"	3/8" FNPT	STEEL
S26-20SMA	3/8"	1/4" MNPT	STEEL
S26-30SMA	3/8"	3/8" MNPT	STEEL

Compatible with ARO 210, Automotive, Parker Interchange and Industrial Interchange plugs

COUPLER AND PLUG KITS

MODEL	INCLUDES
KIT-414	COUP-540 (2), PLUG-534 (2), PLUG-546 (2), 1/4" STEEL HEX NIPPLE
KIT-416	COUP-540, PLUG-546 (4)
KIT-418	COUP-540, PLUG-534, PLUG-546, 1/4" STEEL HEX NIPPLE
KIT-420	COUP-540, PLUG-534, PLUG-546
K5226	PLUG-546 (3), PLUG-534 (3)

ARO 210 PROFILE BRASS COUPLERS

MODEL	BODY SIZE	THREAD
COUP-584-B	1/4"	1/4" FNPT
COUP-585-B	1/4"	3/8" FNPT
COUP-593-B	1/4"	1/4" MNPT
COUP-594-B	1/4"	3/8" MNPT
COUP-601-B	1/4"	1/4" BARB
COUP-603-B	1/4"	3/8" BARB

ARO 210 PROFILE STEEL PLUGS

MODEL	SIZE	THREAD
PLUG-578	1/4"	1/4" FNPT
PLUG-586	1/4"	1/8" MNPT
PLUG-587	1/4"	1/4" MNPT
BARB-595	1/4"	1/4" BARB
BARB-597	1/4"	3/8" BARB

AUTOMOTIVE INTERCHANGE PROFILE STEEL PLUGS

MODEL	SIZE	THREAD
S21-20SFA	1/4"	1/4" FNPT
S21-30PFA	1/4"	3/8" FNPT
S21-20PMA	1/4"	1/4" MNPT
S21-30PMA	1/4"	3/8" MNPT
S26-20PFA	3/8"	1/4" FNPT
S26-30PFA	3/8"	3/8" FNPT
S26-20PMA	3/8"	1/4" MNPT
S26-30PMA	3/8"	3/8" MNPT

PREVOST INDUSTRIAL PROFILE COUPLERS & PLUGS

INDUSTRIAL PROFILE INTERCHANGE COUPLERS

MODEL	BODY SIZE	THREAD	FLOW RATE @ 100 PSI
IRC 061201	1/4"	1/4" FNPT	32 CFM
IRC 061202	1/4"	3/8" FNPT	32 CFM
IRC 061203	1/4"	1/2" FNPT	32 CFM
IRC 061251	1/4"	1/4" MNPT	32 CFM
IRC 061252	1/4"	3/8" MNPT	32 CFM
IRC 061253	1/4"	1/2" MNPT	32 CFM
IRC 061806	1/4"	1/4" BARB	32 CFM
IRC 061810	1/4"	3/8" BARB	32 CFM
IRC 061813	1/4"	1/2" BARB	32 CFM
IRC 081201	3/8"	1/4" FNPT	78 CFM
IRC 081202	3/8"	3/8" FNPT	78 CFM
IRC 081203	3/8"	1/2" FNPT	78 CFM
IRC 081251	3/8"	1/4" MNPT	78 CFM
IRC 081252	3/8"	3/8" MNPT	78 CFM
IRC 081253	3/8"	1/2" MNPT	78 CFM
IRC 081810	3/8"	3/8" BARB	78 CFM
IRC 081813	3/8"	1/2" BARB	78 CFM



INDUSTRIAL

- Push Button release
- 29-174 PSI Operating Pressure
- 5° - 158°F

PREVOST SAFETY PUSH BUTTON INDUSTRIAL INTERCHANGE COUPLERS

MODEL	BODY SIZE	THREAD	FLOW RATE @ 100 PSI
ISI 061201	1/4"	1/4" FNPT	34 CFM
ISI 061202	1/4"	3/8" FNPT	34 CFM
ISI 061203	1/4"	1/2" FNPT	34 CFM
ISI 061251	1/4"	1/4" MNPT	34 CFM
ISI 061252	1/4"	3/8" MNPT	34 CFM
ISI 061253	1/4"	1/2" MNPT	34 CFM
ISI 061806	1/4"	1/4" BARB	34 CFM
ISI 061810	1/4"	3/8" BARB	34 CFM
ISI 081201	3/8"	1/4" FNPT	81 CFM
ISI 081202	3/8"	3/8" FNPT	81 CFM
ISI 081203	3/8"	1/2" FNPT	81 CFM
ISI 081251	3/8"	1/4" MNPT	81 CFM
ISI 081252	3/8"	3/8" MNPT	81 CFM
ISI 081253	3/8"	1/2" MNPT	81 CFM
ISI 081810	3/8"	3/8" BARB	81 CFM
ISI 081813	3/8"	1/2" BARB	81 CFM
ISI 111202EB	1/2"	3/8" FNPT	148 CFM
ISI 111203EB	1/2"	1/2" FNPT	148 CFM
ISI 111204EB	1/2"	3/4" FNPT	148 CFM
ISI 111252EB	1/2"	3/8" MNPT	148 CFM
ISI 111253EB	1/2"	1/2" MNPT	148 CFM
ISI 111254EB	1/2"	3/4" MNPT	148 CFM
ISI 111810EB	1/2"	3/8" BARB	148 CFM
ISI 111813EB	1/2"	1/2" BARB	148 CFM
ISI 111816EB	1/2"	5/8" BARB	148 CFM
ISI 111819EB	1/2"	3/4" BARB	148 CFM

- "ONE PUSH" safety system avoids hose whip
- 29-174 PSI Operating Pressure
- Anti static, non scratch
- 5° - 158°F

INDUSTRIAL INTERCHANGE PLUGS

MODEL	BODY SIZE	THREAD
IRP 066201	1/4"	1/4" FNPT
IRP 066202	1/4"	3/8" FNPT
IRP 066251	1/4"	1/4" MNPT
IRP 066252	1/4"	3/8" MNPT
IRP 066806	1/4"	1/4" BARB
IRP 066810	1/4"	3/8" BARB
IRP 086201	3/8"	1/4" FNPT
IRP 086202	3/8"	3/8" FNPT
IRP 086203	3/8"	1/2" FNPT
IRP 086251	3/8"	1/4" MNPT
IRP 086252	3/8"	3/8" MNPT
IRP 086253	3/8"	1/2" MNPT
IRP 086810	3/8"	3/8" BARB
IRP 086813	3/8"	1/2" BARB
IRP 086816	3/8"	5/8" BARB
IRP 116202	1/2"	3/8" FNPT
IRP 116203	1/2"	1/2" FNPT
IRP 116204	1/2"	3/4" FNPT
IRP 116252	1/2"	3/8" MNPT
IRP 116253	1/2"	1/2" MNPT
IRP 116254	1/2"	3/4" MNPT
IRP 116810	1/2"	3/8" BARB
IRP 116813	1/2"	1/2" BARB
IRP 116816	1/2"	5/8" BARB
IRP 116819	1/2"	3/4" BARB

- Will work on all industrial interchange couplers
- Male plugs have Teflon coated threads
- Made of corrosion proof steel

PREVOST HIGH FLOW INTERCHANGE COUPLERS

MODEL	BODY SIZE	THREAD	FLOW RATE @ 100 PSI
ERC 071201	3/8"	1/4" FNPT	34 CFM
ERC 071202	3/8"	3/8" FNPT	34 CFM
ERC 071203	3/8"	1/2" FNPT	34 CFM
ERC 071251	3/8"	1/4" MNPT	34 CFM
ERC 071252	3/8"	3/8" MNPT	34 CFM
ERC 071253	3/8"	1/2" MNPT	34 CFM
ERC 071806	3/8"	1/4" BARB	34 CFM
ERC 071810	3/8"	3/8" BARB	34 CFM
ERC 071813	3/8"	1/2" BARB	34 CFM

- Push Button release
- 29-174 PSI Operating Pressure
- 5° - 158° F



HIGH FLOW

PREVOST SAFETY PUSH BUTTON HIGH FLOW INTERCHANGE COUPLERS

MODEL	BODY SIZE	THREAD	FLOW RATE @ 100 PSI
ESI 071201	3/8"	1/4" FNPT	73 CFM
ESI 071202	3/8"	3/8" FNPT	73 CFM
ESI 071251	3/8"	1/4" MNPT	73 CFM
ESI 071252	3/8"	3/8" MNPT	73 CFM
ESI 071253	3/8"	1/2" MNPT	73 CFM
ESI 071806	3/8"	1/4" BARB	73 CFM
ESI 071810	3/8"	3/8" BARB	73 CFM
ESI 071813	3/8"	1/2" BARB	73 CFM
ESI 111202EB	1/2"	3/8" FNPT	142 CFM
ESI 111203EB	1/2"	1/2" FNPT	142 CFM
ESI 111204EB	1/2"	3/4" FNPT	142 CFM
ESI 111252EB	1/2"	3/8" MNPT	142 CFM
ESI 111253EB	1/2"	1/2" MNPT	142 CFM
ESI 111254EB	1/2"	3/4" MNPT	142 CFM
ESI 111810EB	1/2"	3/8" BARB	142 CFM
ESI 111813EB	1/2"	1/2" BARB	142 CFM
ESI 111816EB	1/2"	5/8" BARB	142 CFM
ESI 111819EB	1/2"	3/4" BARB	142 CFM

- "ONE PUSH" safety system avoids hose whip
- 29-174 PSI Operating Pressure
- Anti static, non scratch
- 5° - 158° F

HIGH FLOW INTERCHANGE PLUGS

MODEL	BODY SIZE	THREAD
ERP 076201	3/8"	1/4" FNPT
ERP 076202	3/8"	3/8" FNPT
ERP 076251	3/8"	1/4" MNPT
ERP 076252	3/8"	3/8" MNPT
ERP 076806	3/8"	1/4" BARB
ERP 076810	3/8"	3/8" BARB
ERP 076813	3/8"	1/2" BARB
ERP 116202	1/2"	3/8" FNPT
ERP 116203	1/2"	1/2" FNPT
ERP 116204	1/2"	3/4" FNPT
ERP 116252	1/2"	3/8" MNPT
ERP 116253	1/2"	1/2" MNPT
ERP 116254	1/2"	3/4" MNPT
ERP 116810	1/2"	3/8" BARB
ERP 116813	1/2"	1/2" BARB
ERP 116816	1/2"	5/8" BARB
ERP 116819	1/2"	3/4" BARB

- Will work on all high flow interchange couplers
- Male plugs have Teflon coated threads
- Made of corrosion proof steel

PREVOST AUTOMOTIVE INTERCHANGE COUPLERS & PLUGS

PREVOST AUTOMOTIVE PROFILE COUPLERS

MODEL	BODY SIZE	THREAD	FLOW RATE @ 100 PSI
URC 061201	1/4"	1/4" FNPT	34 CFM
URC 061202	1/4"	3/8" FNPT	34 CFM
URC 061203	1/4"	1/2" FNPT	34 CFM
URC 061251	1/4"	1/4" MNPT	34 CFM
URC 061252	1/4"	3/8" MNPT	34 CFM
URC 061253	1/4"	1/2" MNPT	34 CFM
URC 061810	1/4"	3/8" BARB	34 CFM
URC 081201	3/8"	1/4" FNPT	78 CFM
URC 081202	3/8"	3/8" FNPT	78 CFM
URC 081203	3/8"	1/2" FNPT	78 CFM
URC 081251	3/8"	1/4" MNPT	78 CFM
URC 081252	3/8"	3/8" MNPT	78 CFM
URC 081253	3/8"	1/2" MNPT	78 CFM
URC 081810	3/8"	3/8" BARB	78 CFM
URC 081813	3/8"	1/2" BARB	78 CFM

- Push Button release
- 29-174 PSI Operating Pressure
- 5° - 158° F

PREVOST SAFETY PUSH BUTTON AUTOMOTIVE PROFILE COUPLERS

MODEL	BODY SIZE	THREAD	FLOW RATE @ 100 PSI
USI 061201	1/4"	1/4" FNPT	34 CFM
USI 061202	1/4"	3/8" FNPT	34 CFM
USI 061203	1/4"	1/2" FNPT	34 CFM
USI 061251	1/4"	1/4" MNPT	34 CFM
USI 061252	1/4"	3/8" MNPT	34 CFM
USI 061253	1/4"	1/2" MNPT	34 CFM
USI 061808	1/4"	5/16" BARB	34 CFM
USI 061810	1/4"	3/8" BARB	34 CFM
USI 081201	3/8"	1/4" FNPT	81 CFM
USI 081202	3/8"	3/8" FNPT	81 CFM
USI 081203	3/8"	1/2" FNPT	81 CFM
USI 081251	3/8"	1/4" MNPT	81 CFM
USI 081252	3/8"	3/8" MNPT	81 CFM
USI 081253	3/8"	1/2" MNPT	81 CFM
USI 081813	3/8"	1/2" BARB	81 CFM
USI 111202EB	1/2"	3/8" FNPT	120 CFM
USI 111203EB	1/2"	1/2" FNPT	120 CFM
USI 111204EB	1/2"	3/4" FNPT	120 CFM
USI 111252EB	1/2"	3/8" MNPT	120 CFM
USI 111253EB	1/2"	1/2" MNPT	120 CFM
USI 111254EB	1/2"	3/4" MNPT	120 CFM
USI 111810EB	1/2"	3/8" BARB	120 CFM
USI 111813EB	1/2"	1/2" BARB	120 CFM
USI 111816EB	1/2"	5/8" BARB	120 CFM
USI 111819EB	1/2"	3/4" BARB	120 CFM

- 5° - 158° F
- 29-174 PSI Operating Pressure
- "ONE PUSH" safety system avoids hose whip
- Anti static, non scratch



AUTOMOTIVE

AUTOMOTIVE INTERCHANGE PLUGS

MODEL	BODY SIZE	THREAD
URP 066201	1/4"	1/4" FNPT
URP 066202	1/4"	3/8" FNPT
URP 066203	1/4"	1/2" FNPT
URP 066251	1/4"	1/4" MNPT
URP 066252	1/4"	3/8" MNPT
URP 066253	1/4"	1/2" MNPT
URP 066806	1/4"	1/4" BARB
URP 066810	1/4"	3/8" BARB
URP 086201	3/8"	1/4" FNPT
URP 086202	3/8"	3/8" FNPT
URP 086203	3/8"	1/2" FNPT
URP 086251	3/8"	1/4" MNPT
URP 086252	3/8"	3/8" MNPT
URP 086253	3/8"	1/2" MNPT
URP 086810	3/8"	3/8" BARB
URP 086813	3/8"	1/2" BARB
URP 116202	1/2"	3/8" FNPT
URP 116203	1/2"	1/2" FNPT
URP 116204	1/2"	3/4" FNPT
URP 116252	1/2"	3/8" MNPT
URP 116253	1/2"	1/2" MNPT
URP 116254	1/2"	3/4" MNPT

- Will work on all automotive interchange couplers
- Male plugs have Teflon coated threads
- Made of corrosion proof steel

PREVOST ARO 210 INTERCHANGE COUPLERS

MODEL	BODY SIZE	THREAD	FLOW RATE @ 100 PSI
ARC 061201	1/4"	1/4" FNPT	25 CFM
ARC 061202	1/4"	3/8" FNPT	25 CFM
ARC 061203	1/4"	1/2" FNPT	25 CFM
ARC 061251	1/4"	1/4" MNPT	25 CFM
ARC 061252	1/4"	3/8" MNPT	25 CFM
ARC 061253	1/4"	1/2" MNPT	25 CFM
ARC 061810	1/4"	3/8" BARB	25 CFM

- Push Button release
- 29-174 PSI Operating Pressure
- 5° - 158° F

PREVOST SAFETY PUSH BUTTON ARO 210 INTERCHANGE COUPLERS

MODEL	BODY SIZE	THREAD	FLOW RATE @ 100 PSI
ASI 061201	1/4"	1/4" FNPT	32 CFM
ASI 061202	1/4"	3/8" FNPT	32 CFM
ASI 061203	1/4"	1/2" FNPT	32 CFM
ASI 061251	1/4"	1/4" MNPT	32 CFM
ASI 061252	1/4"	3/8" MNPT	32 CFM
ASI 061253	1/4"	1/2" MNPT	32 CFM
ASI 061806	1/4"	1/4" BARB	32 CFM
ASI 061810	1/4"	3/8" BARB	32 CFM
ASI 061813	1/4"	1/2" BARB	32 CFM

- "ONE PUSH" safety system avoids hose whip
- 29-174 PSI Operating Pressure
- Anti static, non scratch
- 5° - 158° F

PREVOST ISO 6150 C INTERCHANGE COUPLERS

MODEL	BODY SIZE	THREAD	FLOW RATE @ 100 PSI
CSI 061201	1/4"	1/4" FNPT	34 CFM
CSI 061202	1/4"	3/8" FNPT	34 CFM
CSI 061203	1/4"	1/2" FNPT	34 CFM
CSI 061251	1/4"	1/4" MNPT	34 CFM
CSI 061252	1/4"	3/8" MNPT	34 CFM
CSI 061253	1/4"	1/2" MNPT	34 CFM
CSI 061806	1/4"	1/4" BARB	34 CFM
CSI 061810	1/4"	3/8" BARB	34 CFM
CSI 061813	1/4"	1/2" BARB	34 CFM
CSI 081201	3/8"	1/4" FNPT	81 CFM
CSI 081202	3/8"	3/8" FNPT	81 CFM
CSI 081203	3/8"	1/2" FNPT	81 CFM
CSI 081251	3/8"	1/4" MNPT	81 CFM
CSI 081252	3/8"	3/8" MNPT	81 CFM
CSI 081253	3/8"	1/2" MNPT	81 CFM
CSI 081810	3/8"	1/4" BARB	81 CFM
CSI 081813	3/8"	3/8" BARB	81 CFM
CSI 081816	3/8"	5/8" BARB	81 CFM

- Push Button release
- 29-174 PSI Operating Pressure
- 5° - 158° F
- Email us for 1/2" size options



ARO 210

ARO 210 INTERCHANGE PLUGS

MODEL	BODY SIZE	THREAD
ARP 066201	1/4"	1/4" FNPT
ARP 066202	1/4"	3/8" FNPT
ARP 066251	1/4"	1/4" MNPT
ARP 066252	1/4"	3/8" MNPT
ARP 066806	1/4"	1/4" BARB
ARP 066810	1/4"	3/8" BARB

- Will work on all ARO 210 interchange couplers
- Male plugs have Teflon coated threads
- Made of corrosion proof steel

ISO 06150 C INTERCHANGE PLUGS

MODEL	BODY SIZE	THREAD
CRP 066201	1/4"	1/4" FNPT
CRP 066202	1/4"	3/8" FNPT
CRP 066251	1/4"	1/4" MNPT
CRP 066252	1/4"	3/8" MNPT
CRP 066806	1/4"	1/4" BARB
CRP 066810	1/4"	3/8" BARB
CRP 066813	1/4"	1/2" BARB
CRP 086201	3/8"	1/4" FNPT
CRP 086202	3/8"	3/8" FNPT
CRP 086203	3/8"	1/2" FNPT
CRP 086251	3/8"	1/4" MNPT
CRP 086252	3/8"	3/8" MNPT
CRP 086253	3/8"	1/2" MNPT
CRP 086806	3/8"	1/4" BARB
CRP 086810	3/8"	3/8" BARB
CRP 086813	3/8"	1/2" BARB
CRP 086816	3/8"	5/8" BARB

- Will work on all ISO 06150 C interchange couplers
- Male plugs have Teflon coated threads
- Made of corrosion proof steel
- Please email us for 1/2" body size options

PREVOST FLEXIBLE SHOP HOSES

3/8" PREVOST SHOP HOSE

MODEL	COUPLER	PLUG	PROFILE		LENGTH
RST RISB3835	ISI 06	IRP 06	INDUSTRIAL	 	35'
RST RISB3850					50'
RST RISB38100					100'
RST RUSB3835	USI 06	URP 06	AUTOMOTIVE	 	35'
RST RUSB3850					50'
RST RUSB38100					100'
RST RESB3835	ESI 07	ERP 07	HIGH FLOW	 	35'
RST RESB3850					50'
RST RESB38100					100'
RST RASB3835	ASI 06	ARP 06	ARO 210	 	35'
RST RASB3850					50'
RST RASB38100					100'



- Ultra flexible and tough
- Composite body coupling
- Lightweight and easy to handle
- Flow rate optimized for pneumatic tools
- Rubber Clamp Guard eliminates scratches



PREVOST POLY RECOIL HOSE WITH SWIVEL END

MODEL	HOSE ID	MNPT END SIZE	COLOR	LENGTH
PUS 252	1/4"	1/4"	BLUE	6.5'
PUS 254	1/4"	1/4"	BLUE	13'
PUS 264	5/16"	1/4"	BLUE	13'
PUS 264J	5/16"	1/4"	YELLOW	13'
PUS 264NR	5/16"	1/4"	BLACK	13'
PUS 264R	5/16"	1/4"	RED	13'
PUS 266	5/16"	1/4"	BLUE	20'
PUS 266J	5/16"	1/4"	YELLOW	20'
PUS 266NR	5/16"	1/4"	BLACK	20'
PUS 266R	5/16"	1/4"	RED	20'
PUS 266V	5/16"	1/4"	GREEN	20'
PUS 268	5/16"	1/4"	BLUE	26'
PUS 268R	5/16"	1/4"	RED	26'
PUS 2610	5/16"	1/4"	BLUE	32'
PUS 288	3/8"	3/8"	BLUE	26'



- 1 Rigid MNPT End & 1 Swivel MNPT End
- 116 Max PSI
- Polyurethane hose
- Made in France
- 5° - 158°F

PREVOST BLOW GUN KITS WITH 27202 BLOW GUN

MODEL	PROFILE	LENGTH	SERIES	HOSE MODEL	BLOW GUN MODEL
BGK PISBO254	INDUSTRIAL	13'	ISI 06	PUS 254	27202 OSHA
BGK PISBO266	INDUSTRIAL	20'	ISI 06	PUS 266	27202 OSHA
BGK PISBO268	INDUSTRIAL	26'	ISI 06	PUS 268	27202 OSHA
BGK PCSBO254	ISO 6150C	13'	CSI 06	PUS 254	27202 OSHA
BGK PCSBO266	ISO 6150C	20'	CSI 06	PUS 266	27202 OSHA
BGK PCSBO268	ISO 6150C	26'	CSI 06	PUS 268	27202 OSHA
BGK PESBO254	HIGH FLOW	13'	ESI 07	PUS 254	27202 OSHA
BGK PESBO266	HIGH FLOW	20'	ESI 07	PUS 266	27202 OSHA
BGK PESBO268	HIGH FLOW	26'	ESI 07	PUS 268	27202 OSHA
BGK PASBO254	ARO 210	13'	ASI 06	PUS 254	27202 OSHA
BGK PASBO266	ARO 210	20'	ASI 06	PUS 266	27202 OSHA
BGK PASBO268	ARO 210	26'	ASI 06	PUS 268	27202 OSHA
BGK PUSBO254	AUTOMOTIVE	13'	USI 06	PUS 254	27202 OSHA
BGK PUSBO266	AUTOMOTIVE	20'	USI 06	PUS 266	27202 OSHA
BGK PUSBO268	AUTOMOTIVE	26'	USI 06	PUS 268	27202 OSHA



- Each kit includes:
- 1/4" FNPT OSHA Compliant Hose Gun
 - Recoil Hose
 - Coupler
 - Male plug
 - Female plug



PREVOST BLOW GUN KITS WITH PREVOS1 BLOW GUN

MODEL	PROFILE	LENGTH	SERIES	HOSE MODEL	BLOW GUN MODEL
BGK PISCO254	INDUSTRIAL	13'	ISI 06	PUS 254	IBG 06OSH
BGK PISCO266	INDUSTRIAL	20'	ISI 06	PUS 266	IBG 06OSH
BGK PISCO268	INDUSTRIAL	26'	ISI 06	PUS 268	IBG 06OSH
BGK PCSCO254	ISO 6150C	13'	CSI 06	PUS 254	CBG 06OSH
BGK PCSCO266	ISO 6150C	20'	CSI 06	PUS 266	CBG 06OSH
BGK PCSCO268	ISO 6150C	26'	CSI 06	PUS 268	CBG 06OSH
BGK PESCO254	HIGH FLOW	13'	ESI 07	PUS 254	EBG 07OSH
BGK PESCO266	HIGH FLOW	20'	ESI 07	PUS 266	EBG 07OSH
BGK PESCO268	HIGH FLOW	26'	ESI 07	PUS 268	EBG 07OSH
BGK PASCO254	ARO 210	13'	ASI 06	PUS 254	ABG 06OSH
BGK PASCO266	ARO 210	20'	ASI 06	PUS 266	ABG 06OSH
BGK PASCO268	ARO 210	26'	ASI 06	PUS 268	ABG 06OSH
BGK PUSCO254	AUTOMOTIVE	13'	USI 06	PUS 254	UBG 06OSH
BGK PUSCO266	AUTOMOTIVE	20'	USI 06	PUS 266	BBG 06OSH
BGK PUSCO268	AUTOMOTIVE	26'	USI 06	PUS 268	UBG 06OSH



- Each kit includes:
- OSHA Compliant Hose Gun
 - Recoil Hose
 - Coupler
 - Female plug



PREVOST HOSE GUNS

PREVOST METAL NOZZLE BLOW GUN • 1/4" FNPT CONNECTION

MODEL	CFM @ 87 PSI	dBa @ 87 PSI	OZF @ 87 PSI	NOZZLE LENGTH	OSHA COMPLIANT
27202 MB13	8.8	86	9.3	BENT 13"	NO
27202 MB20	8.5	86	8.6	BENT 20"	NO
27202 MS13	8.8	86	9.3	STRAIGHT 13"	NO
27202 MS20	8.5	86	8.6	STRAIGHT 20"	NO
27202 MTL	13.5	83	13	BENT 4"	NO
27202 MTLRT	13.5	83	13	BENT 4" w/RUBBER TIP	NO
27202 MTLOSHA	6.6	83	13	BENT 4"	YES
27202 MB13OSHA	6.2	82	7.2	BENT 13"	YES
27202 MB20OSHA	5.5	81	6.6	BENT 20"	YES
27202 MB40OSHA	6.3	83	7.7	BENT 40"	YES



- Max Operating Pressure: 145 PSI

PREVOST COMPOSITE NOZZLE BLOW GUN • 1/4" FNPT CONNECTION

MODEL	CFM @ 87 PSI	dBa @ 87 PSI	OZF @ 87 PSI	NOZZLE	OSHA COMPLIANT
27202 ECR	15.9	82	8	PROTECTIVE SCREEN	NO
27202 PRE	7.2	84	11	—	NO
27202 SIL	7.1	77	7.5	SILENT NOZZLE	YES
27202 OSHA	7.7	90	9.5	—	YES



- Max Operating Pressure: 145 PSI

PREVOST OSHA COMPLIANT NOZZLE BLOW GUN POCKET MODEL

MODEL	PLUG TYPE
IPG 06OSH	INDUSTRIAL
UPG 06OSH	AUTOMOTIVE
EPG 07OSH	HIGH FLOW
APG 06OSH	ARO 210
CPG 06OSH	ISO 6150 C



- 8.2 CFM @ 87 PSI
- 89 dBA @ 87 PSI
- 6OZF @ 87 PSI
- Temp Rating: 5° - 158° F
- Max Pressure: 174 PSI
- OSHA Compliant


PREVOST OSHA COMPLIANT NOZZLE BLOW GUN

MODEL	PLUG TYPE
IBG 06PRE	INDUSTRIAL
UBG 06PRE	AUTOMOTIVE
EBG 07PRE	HIGH FLOW
ABG 06PRE	ARO 210
CBG 06PRE	ISO 6150 C



- 8.2 CFM @ 87 PSI
- 85 dBA @ 87 PSI
- 10 OZF @ 87 PSI
- Temp Rating: 5° - 158° F
- Max Pressure: 174 PSI
- OSHA Compliant

PREVOST PROTECTIVE AIR CURTAIN BLOW GUN

	MODEL	PLUG TYPE
	IBG 06ECR	INDUSTRIAL
	UBG 06ECR	AUTOMOTIVE
	EBG 07ECR	HIGH FLOW
	ABG 06ECR	ARO 210
	CBG 06ECR	ISO 6150 C

- 14.6 CFM @ 87 PSI
- 87 dBA @ 87 PSI
- 5 OZF @ 87 PSI
- Temp Rating: 5° - 158° F
- Max Pressure: 174 PSI

PREVOST OSHA COMPOSITE NOZZLE BLOW GUN

	MODEL	PLUG TYPE
	IBG 06OSH	INDUSTRIAL
	UBG 06OSH	AUTOMOTIVE
	EBG 07OSH	HIGH FLOW
	ABG 06OSH	ARO 210
	CBG 06OSH	ISO 6150 C

- 7.7 CFM @ 87 PSI
- 87 dBA @ 87 PSI
- 9 OZF @ 87 PSI
- Temp Rating: 5° - 158° F
- Max Pressure: 174 PSI
- OSHA Compliant

PREVOST OSHA SILENT NOZZLE BLOW GUN

	MODEL	PLUG TYPE
	IBG 06SIL	INDUSTRIAL
	UBG 06SIL	AUTOMOTIVE
	EBG 07SIL	HIGH FLOW
	ABG 06SIL	ARO 210
	CBG 06SIL	ISO 6150 C

- 5.5 CFM @ 87 PSI
- 74 dBA @ 87 PSI
- 6 OZF @ 87 PSI
- Temp Rating: 5° - 158° F
- Max Pressure: 174 PSI
- OSHA Compliant

PREVOST METAL NOZZLE BLOW GUN

	MODEL	PLUG TYPE
	IBG 06MTL	INDUSTRIAL
	UBG 06MTL	AUTOMOTIVE
	EBG 07MTL	HIGH FLOW
	ABG 06MTL	ARO 210
	CBG 06MTL	ISO 6150 C

- 11.8 CFM @ 87 PSI
- 89 dBA @ 87 PSI
- 14 OZF @ 87 PSI
- Temp Rating: 5° - 158° F
- Max Pressure: 174 PSI

PREVOST OSHA METAL NOZZLE BLOW GUN

	MODEL	PLUG TYPE
	IBG 06MTLH	INDUSTRIAL
	UBG 06MTLH	AUTOMOTIVE
	EBG 07MTLH	HIGH FLOW
	ABG 06 MTLH	ARO 210

- 7.7 CFM @ 87 PSI
- 85 dBA @ 87 PSI
- 9 OZF @ 87 PSI
- Temp Rating: 5° - 158° F
- Max Pressure: 174 PSI
- OSHA Compliant

INDUSTRIAL RUBBER HOSES



300 PSI RED RUBBER JUMPER HOSES AMERICAN MADE

MODEL	HOSE ID	TYPE	END 1	END 2	LENGTH
JH-3825-3	3/8"	RIGID	1/4" MNPT	1/4" MNPT	3'
JH-3825-3-S	3/8"	SWIVEL	1/4" MNPT	1/4" FNPT	3'
JH-3825-6	3/8"	RIGID	1/4" MNPT	1/4" MNPT	6'
JH-3825-6-S	3/8"	SWIVEL	1/4" MNPT	1/4" FNPT	6'
JH-3825-10	3/8"	RIGID	1/4" MNPT	1/4" MNPT	10'
JH-3825-10-S	3/8"	SWIVEL	1/4" MNPT	1/4" FNPT	10'
JH-5050-3	1/2"	RIGID	1/2" MNPT	1/2" MNPT	3'
JH-5050-3-S	1/2"	SWIVEL	1/2" MNPT	1/2" FNPT	3'
JH-5050-6	1/2"	RIGID	1/2" MNPT	1/2" MNPT	6'
JH-5050-6-S	1/2"	SWIVEL	1/2" MNPT	1/2" FNPT	6'
JH-5050-10	1/2"	RIGID	1/2" MNPT	1/2" MNPT	10'
JH-5050-10-S	1/2"	SWIVEL	1/2" MNPT	1/2" FNPT	10'
JH-7575-3	3/4"	RIGID	3/4" MNPT	3/4" MNPT	3'
JH-7575-3-S	3/4"	SWIVEL	3/4" MNPT	3/4" FNPT	3'
JH-7575-6	3/4"	RIGID	3/4" MNPT	3/4" MNPT	6'
JH-7575-6-S	3/4"	SWIVEL	3/4" MNPT	3/4" FNPT	6'
JH-1010-3	1"	RIGID	1" MNPT	1" MNPT	3'
JH-1010-3-S	1"	SWIVEL	1" MNPT	1" FNPT	3'
JH-1010-6	1"	RIGID	1" MNPT	1" MNPT	6'
JH-1010-6-S	1"	SWIVEL	1" MNPT	1" FNPT	6'

300 PSI RED RUBBER COIL HOSES AMERICAN MADE

MODEL	HOSE ID	MNPT END	LENGTH
CH-2525-25	1/4"	1/4"	25'
CH-2525-50	1/4"	1/4"	50'
CH-2525-100	1/4"	1/4"	100'
CH-3825-25	3/8"	1/4"	25'
CH-3825-50	3/8"	1/4"	50'
CH-3825-100	3/8"	1/4"	100'
CH-5050-25	1/2"	1/2"	25'
CH-5050-50	1/2"	1/2"	50'
CH-5050-100	1/2"	1/2"	100'

RED RUBBER GENERAL PURPOSE (IMPORT)

MODEL	HOSE ID	MNPT END	LENGTH
IRH-2525-50	1/4"	1/4"	50'
IRH-3825-50	3/8"	1/4"	50'
IRH-5038-50	1/2"	3/8"	50'



YELLOW RUBBER OIL RESISTANT (IMPORT)

MODEL	HOSE ID	MNPT END	LENGTH
CHOR-3825-25	3/8"	1/4"	25'
CHOR-3825-50	3/8"	1/4"	50'
CHOR-3825-100	3/8"	1/4"	100'
CHOR-5038-25	1/2"	3/8" / 1/2"	25'
CHOR-5038-50	1/2"	3/8" / 1/2"	50'
CHOR-5038-100	1/2"	3/8" / 1/2"	100'



200 PSI (MAX) RED RUBBER HOSES RAW ENDS • AMERICAN MADE

MODEL	HOSE ID	HOSE OD	LENGTH	CODE
COIL-CH38-100	3/8"	0.69"	100'	G
COIL-CH38-700	3/8"	0.69"	700'	F
COIL-CH50-100	1/2"	0.84"	100'	G
COIL-CH50-700	1/2"	0.84"	700'	F
COIL-CH75-100	3/4"	1.15"	100'	G
COIL-CH75-700	3/4"	1.15"	700'	F
COIL-CH10-100	1"	1.37"	100'	G
COIL-CH10-700	1"	1.37"	700'	F

G = Ground Shipping **F** = Freight Truck Shipping Only

- Versatile air and/or water hose for industrial, agriculture, construction & more applications
- Multiple plies of rubber, spiral reinforced polyester fiber with EPDM tube & cover
- Resists abrasion, heat and ozone
- Temperature range -40°F to 200°F
- Hose is not rated for steam applications

BLUE RUBBER WEATHER RESISTANT (IMPORT)

MODEL	HOSE ID	MNPT END	LENGTH
CHLT-2525-25	1/4"	1/4"	25'
CHLT-2525-50	1/4"	1/4"	50'
CHLT-2525-100	1/4"	1/4"	100'
CHLT-3825-25	3/8"	1/4"	25'
CHLT-3825-50	3/8"	1/4"	50'
CHLT-3825-100	3/8"	1/4"	100'
CHLT-5038-25	1/2"	3/8" / 1/2"	25'
CHLT-5038-50	1/2"	3/8" / 1/2"	50'
CHLT-5038-100	1/2"	3/8" / 1/2"	100'



COPPER TUBING

MODEL	TUBE OD	WALL THICKNESS	TUBE ID	MAX PSI @ 100° F
COP-180	1/8"	.030"	.065"	3000
COP-181	3/16"	.030"	.128"	1900
COP-182	1/4"	.030"	.19"	1400
COP-183	5/16"	.032"	.248"	1100
COP-184	3/8"	.032"	.311"	980
COP-185	1/2"	.032"	.436"	720
COP-186	5/8"	.035"	.555"	610
COP-187	3/4"	.035"	.68"	510



MALE END



FEMALE END



BARB END



WASHER



TRIPLE CONNECTION



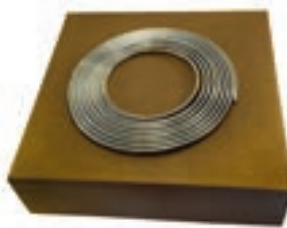
UNIVERSAL BLANK END

TWIST CLAW HOSE CONNECTORS

MODEL	SIZE	TYPE
ME-025	1/4"	MNPT
ME-038	3/8"	MNPT
ME-050	1/2"	MNPT
ME-075	3/4"	MNPT
ME-100	1"	MNPT
FE-025	1/4"	FNPT
FE-038	3/8"	FNPT
FE-050	1/2"	FNPT
FE-075	3/4"	FNPT
FE-100	1"	FNPT
FE-125	1 1/4"	FNPT
FE-150	1 1/2"	FNPT
FE-200	2"	FNPT
HE-038	3/8"	BARB
HE-050	1/2"	BARB
HE-075	3/4"	BARB
HE-100	1"	BARB
CCTC-000	UNIVERSAL COUPLER WASHER	
UW-300-SP	UNIVERSAL TRIPLE CONNECTION	
BE-300-SP	UNIVERSAL BLANK END	

ALUMINUM TUBING

MODEL	TUBE OD	WALL THICKNESS	TUBE ID	MAX PSI @ 100° F
ALUM-190	1/8"	.025"	.075"	2300
ALUM-191	3/16"	.028"	.132"	1600
ALUM-192	1/4"	.032"	.186"	1400
ALUM-193	5/16"	.035"	.243"	1200
ALUM-194	3/8"	.035"	.305"	1000
ALUM-195	1/2"	.035"	.43"	740



NYLON RECOIL HOSE

MODEL	SWIVEL ENDS	ID	SIZE	COLOR
NCOIL-030	1/4" MNPT	1/4"	25'	YELLOW
NCOIL-031	1/4" MNPT	1/4"	50'	BLACK



POLY REINFORCED RECOIL HOSE

MODEL	SWIVEL ENDS	ID	SIZE
CC-CH3825-20	1/4" MNPT	1/4"	20'
CC-CH3825-50	1/4" MNPT	1/4"	50'

- 200 PSI Maximum Working Pressure
- Polyurethane Recoil Hose with Reinforced Braid

DELRIN SLEEVE

MODEL	TUBE OD
DELRIN-015	1/4"
DELRIN-017	3/8"
DELRIN-018	1/2"



POLYETHYLENE TUBING (LLDPE)

MODEL	OD	ID	LENGTH	COLOR	WALL THICKNESS	BEND RADIUS	WP@ 75°F
PLDV-200	1/8"	0.080"	100'	NEUTRAL	0.022"	0.150"	250 PSI
PLDV-200N5	1/8"	0.080"	500'	NEUTRAL	0.022"	0.150"	250 PSI
PLDV-203	1/4"	0.170"	100'	NEUTRAL	0.062"	1.00"	150 PSI
PLDV-203N5	1/4"	0.170"	500'	NEUTRAL	0.062"	1.00"	150 PSI
PLDV-203N1	1/4"	0.170"	1000'	NEUTRAL	0.062"	1.00"	150 PSI
PLDV-203B	1/4"	0.170"	100'	BLACK	0.062"	1.00"	150 PSI
PLDV-203B5	1/4"	0.170"	500'	BLACK	0.062"	1.00"	150 PSI
PLDV-203B1	1/4"	0.170"	1000'	BLACK	0.062"	1.00"	150 PSI
PLDV-203U	1/4"	0.170"	100'	NAVY	0.062"	1.00"	150 PSI
PLDV-203U5	1/4"	0.170"	500'	NAVY	0.062"	1.00"	150 PSI
PLDV-203U1	1/4"	0.170"	1000'	NAVY	0.062"	1.00"	150 PSI
PLDV-203G	1/4"	0.170"	100'	GREEN	0.062"	1.00"	150 PSI
PLDV-203G5	1/4"	0.170"	500'	GREEN	0.062"	1.00"	150 PSI
PLDV-203G1	1/4"	0.170"	1000'	GREEN	0.062"	1.00"	150 PSI
PLDV-203R	1/4"	0.170"	100'	RED	0.062"	1.00"	150 PSI
PLDV-203R5	1/4"	0.170"	500'	RED	0.062"	1.00"	150 PSI
PLDV-203R1	1/4"	0.170"	1000'	RED	0.062"	1.00"	150 PSI
PLDV-203Y	1/4"	0.170"	100'	YELLOW	0.062"	1.00"	150 PSI
PLDV-203Y5	1/4"	0.170"	500'	YELLOW	0.062"	1.00"	150 PSI
PLDV-203Y1	1/4"	0.170"	1000'	YELLOW	0.062"	1.00"	150 PSI
PLDV-203W	1/4"	0.170"	100'	WHITE	0.062"	1.00"	150 PSI
PLDV-204	1/4"	0.125"	100'	NEUTRAL	0.062"	1.00"	150 PSI
PLDV-204N5	1/4"	0.125"	500'	NEUTRAL	0.062"	1.00"	350 PSI
PLDV-204N1	1/4"	0.125"	1000'	NEUTRAL	0.062"	1.00"	350 PSI
PLDV-204B	1/4"	0.125"	100'	BLACK	0.062"	1.00"	350 PSI
PLDV-204U	1/4"	0.125"	100'	NAVY	0.062"	1.00"	350 PSI
PLDV-204G	1/4"	0.125"	100'	GREEN	0.062"	1.00"	350 PSI
PLDV-204Y	1/4"	0.125"	100'	YELLOW	0.062"	1.00"	350 PSI
PLDV-206	3/8"	0.250"	100'	NEUTRAL	0.062"	2.00"	150 PSI
PLDV-206N5	3/8"	0.250"	500'	NEUTRAL	0.062"	2.00"	150 PSI
PLDV-206N1	3/8"	0.250"	1000'	NEUTRAL	0.062"	2.00"	150 PSI
PLDV-206B	3/8"	0.250"	100'	BLACK	0.062"	2.00"	150 PSI
PLDV-206B5	3/8"	0.250"	500'	BLACK	0.062"	2.00"	150 PSI
PLDV-206B1	3/8"	0.250"	1000'	BLACK	0.062"	2.00"	150 PSI
PLDV-206U	3/8"	0.250"	100'	NAVY	0.062"	2.00"	150 PSI
PLDV-206U5	3/8"	0.250"	500'	NAVY	0.062"	2.00"	150 PSI
PLDV-206U1	3/8"	0.250"	1000'	NAVY	0.062"	2.00"	150 PSI
PLDV-206G	3/8"	0.250"	100'	GREEN	0.062"	2.00"	150 PSI
PLDV-206G5	3/8"	0.250"	500'	GREEN	0.062"	2.00"	150 PSI
PLDV-206G1	3/8"	0.250"	1000'	GREEN	0.062"	2.00"	150 PSI
PLDV-206R	3/8"	0.250"	100'	RED	0.062"	2.00"	150 PSI
PLDV-206R5	3/8"	0.250"	500'	RED	0.062"	2.00"	150 PSI
PLDV-206R1	3/8"	0.250"	1000'	RED	0.062"	2.00"	150 PSI
PLDV-206Y	3/8"	0.250"	100'	YELLOW	0.062"	2.00"	150 PSI
PLDV-506Y5	3/8"	0.250"	500'	YELLOW	0.062"	2.00"	150 PSI
PLDV-206Y1	3/8"	0.250"	1000'	YELLOW	0.062"	2.00"	150 PSI
PLDV-206W	3/8"	0.250"	100'	WHITE	0.062"	2.00"	150 PSI

Features

- Chemically Inert
- Chemical Resistant
- Lightweight & Flexible
- Good Dielectric Properties
- Impermeable to Gases

Specifications

- Temp Range: -40°F to +150°F
- Hardness: Shore A 98
- Shore D 45D
- Vacuum Rating to 28" Hg
- Safety Factor: 3:01

Certifications/Compliance

- NSF 61® Certified
- Meets NSF 51® Requirements
- FDA Compliant
- REACH Prop 65 Compliant
- RoHS Certified

Applications

- Food & Beverage
- Pneumatic Tools
- Pneumatic Piping
- Electrical Jacketing
- Drain Lines
- Instrumentation
- Chemical Transfer
- Process Control
- Laboratories



POLYETHYLENE TUBING (LLDPE)

MODEL	OD	ID	LENGTH	COLOR	WALL THICKNESS	BEND RADIUS	WP@ 75°F
PLDV-207	1/2"	0.375"	100'	NEUTRAL	0.062"	2.50"	125 PSI
PLDV-207N5	1/2"	0.375"	500'	NEUTRAL	0.062"	2.50"	125 PSI
PLDV-207B	1/2"	0.375"	100'	BLACK	0.062"	2.50"	125 PSI
PLDV-207B5	1/2"	0.375"	500'	BLACK	0.062"	2.50"	125 PSI
PLDV-207U	1/2"	0.375"	100'	NAVY	0.062"	2.50"	125 PSI
PLDV-207U5	1/2"	0.375"	500'	NAVY	0.062"	2.50"	125 PSI
PLDV-207G	1/2"	0.375"	100'	GREEN	0.062"	2.50"	125 PSI
PLDV-207G5	1/2"	0.375"	500'	GREEN	0.062"	2.50"	125 PSI
PLDV-207R	1/2"	0.375"	100'	RED	0.062"	2.50"	125 PSI
PLDV-207R5	1/2"	0.375"	500'	RED	0.062"	2.50"	125 PSI
PLDV-207Y	1/2"	0.375"	100'	YELLOW	0.062"	2.50"	125 PSI
PLDV-207Y5	1/2"	0.375"	500'	YELLOW	0.062"	2.50"	125 PSI
PLDV-208	5/8"	0.50"	100'	NEUTRAL	0.062"	3.00"	100 PSI
PLDV-208N5	5/8"	0.50"	500'	NEUTRAL	0.062"	3.00"	100 PSI
PLDV-211	3/4"	0.625"	100'	NEUTRAL	0.062"	4.00"	100 PSI
PLDV-201	4mm	2.7mm	100'	NEUTRAL	0.65mm	25.4mm	180 PSI
PLDV-201B	4mm	2.7mm	100'	BLACK	0.65mm	25.4mm	180 PSI
PLDV-201U	4mm	2.7mm	100'	NAVY	0.65mm	25.4mm	180 PSI
PLDV-203M	6mm	4mm	100'	NEUTRAL	1.0mm	-	150 PSI
PLDV-203MB	6mm	4mm	100'	BLACK	1.0mm	-	150 PSI
PLDV-205	8mm	6mm	500'	NEUTRAL	1.0mm	-	150 PSI
PLDV-205N5	8mm	6mm	100'	NEUTRAL	1.0mm	-	150 PSI
PLDV-205B	8mm	6mm	500'	BLACK	1.0mm	-	150 PSI
PLDV-205B5	8mm	6mm	1000'	BLACK	1.0MM	-	150 PSI
PLDV-206M	10mm	8mm	100'	NEUTRAL	1.0mm	-	125 PSI
PLDV-206MB	10mm	8mm	100'	BLACK	1.0mm	-	125 PSI



POLYURETHANE TUBING NSF51

MODEL	OD	ID	LENGTH	COLOR	WALL THICKNESS	BEND RADIUS	WP@ 75°F
POLY-340	1/8"	0.062"	100'	CLEAR	0.031"	0.2"	240 PSI
POLY-340N5	1/8"	0.062"	500'	CLEAR	0.031"	0.2"	240 PSI
POLY-340N1	1/8"	0.062"	1000'	CLEAR	0.031"	0.2"	240 PSI
POLY-343	1/4"	0.156"	100'	CLEAR	0.047"	0.476"	180 PSI
POLY-343N5	1/4"	0.156"	500'	CLEAR	0.047"	0.476"	180 PSI
POLY-343N1	1/4"	0.156"	1000'	CLEAR	0.047"	0.476"	180 PSI
POLY-343B	1/4"	0.156"	100'	BLACK	0.047"	0.476"	180 PSI
POLY-343B5	1/4"	0.156"	500'	BLACK	0.047"	0.476"	180 PSI
POLY-343B1	1/4"	0.156"	1000'	BLACK	0.047"	0.476"	180 PSI
POLY-343CU	1/4"	0.156"	100'	CLEAR BLUE	0.047"	0.476"	180 PSI
POLY-343CU5	1/4"	0.156"	500'	CLEAR BLUE	0.047"	0.476"	180 PSI
POLY-343CU1	1/4"	0.156"	1000'	CLEAR BLUE	0.047"	0.476"	180 PSI
POLY-343LU5	1/4"	0.156"	500'	LIGHT BLUE	0.047"	0.476"	180 PSI
POLY-343LU1	1/4"	0.156"	1000'	LIGHT BLUE	0.047"	0.476"	180 PSI
POLY-343U	1/4"	0.156"	100'	NAVY	0.047"	0.476"	180 PSI
POLY-343U5	1/4"	0.156"	500'	NAVY	0.047"	0.476"	180 PSI
POLY-343U1	1/4"	0.156"	1000'	NAVY	0.047"	0.476"	180 PSI
POLY-343G5	1/4"	0.156"	500'	GREEN	0.047"	0.476"	180 PSI
POLY-341R1	1/4"	0.156"	100'	RED	0.047"	0.476"	180 PSI
POLY-343R5	1/4"	0.156"	500'	RED	0.047"	0.476"	180 PSI
POLY-343R1	1/4"	0.156"	1000'	RED	0.047"	0.476"	180 PSI
POLY-343Y5	1/4"	0.156"	500'	YELLOW	0.047"	0.476"	180 PSI
POLY-343W5	1/4"	0.156"	500'	WHITE	0.047"	0.476"	180 PSI
POLY-345	3/8"	0.250"	100'	CLEAR	0.063"	1.000"	150 PSI
POLY-345N5	3/8"	0.250"	500'	CLEAR	0.063"	1.000"	150 PSI
POLY-345N1	3/8"	0.250"	1000'	CLEAR	0.063"	1.000"	150 PSI
POLY-345B	3/8"	0.250"	100'	BLACK	0.063"	1.000"	150 PSI
POLY-345B5	3/8"	0.250"	500'	BLACK	0.063"	1.000"	150 PSI
POLY-345B1	3/8"	0.250"	1000'	BLACK	0.063"	1.000"	150 PSI
POLY-345CU	3/8"	0.250"	100'	CLEAR BLUE	0.063"	1.000"	150 PSI
POLY-345CU5	3/8"	0.250"	500'	CLEAR BLUE	0.063"	1.000"	150 PSI
POLY-345LU5	3/8"	0.250"	500'	LIGHT BLUE	0.063"	1.000"	150 PSI
POLY-345-U	3/8"	0.250"	100'	NAVY	0.063"	1.000"	150 PSI
POLY-345U5	3/8"	0.250"	500'	NAVY	0.063"	1.000"	150 PSI
POLY-345U1	3/8"	0.250"	1000'	NAVY	0.063"	1.000"	150 PSI
POLY-345R5	3/8"	0.250"	500'	RED	0.063"	1.000"	150 PSI
POLY-345Y5	3/8"	0.250"	500'	YELLOW	0.063"	1.000"	150 PSI
POLY-345W5	3/8"	0.250"	500'	WHITE	0.063"	1.000"	150 PSI
POLY-346	1/2"	0.328"	100'	CLEAR	0.086	1.102"	150 PSI
POLY-346N5	1/2"	0.328"	500'	CLEAR	0.086	1.102"	150 PSI
POLY-346B	1/2"	0.328"	100'	BLACK	0.086	1.102"	150 PSI
POLY-346B5	1/2"	0.328"	500'	BLACK	0.086	1.102"	150 PSI
POLY-346CU	1/2"	0.328"	100'	CLEAR BLUE	0.086	1.102"	150 PSI
POLY-346CU5	1/2"	0.328"	500'	CLEAR BLUE	0.086	1.102"	150 PSI
POLY-346LU5	1/2"	0.328"	500'	LIGHT BLUE	0.086	1.102"	150 PSI
POLY-346U	1/2"	0.328"	100'	NAVY	0.086	1.102"	150 PSI
POLY-346U5	1/2"	0.328"	500'	NAVY	0.086	1.102"	150 PSI
POLY-346G5	1/2"	0.328"	500'	GREEN	0.086	1.102"	150 PSI
POLY-346R5	1/2"	0.328"	500'	RED	0.086	1.102"	150 PSI
POLY-346Y5	1/2"	0.328"	500'	YELLOW	0.086	1.102"	150 PSI
POLY-346W5	1/2"	0.328"	500'	WHITE	0.086	1.102"	150 PSI
POLY-348	3/4"	0.500"	100'	CLEAR	0.125"	1.500"	140 PSI
POLY-348B	3/4"	0.500"	100'	BLACK	0.125"	1.500"	140 PSI
POLY-348CU	3/4"	0.500"	100'	CLEAR BLUE	0.125"	1.500"	140 PSI
POLY-348U	3/4"	0.500"	100'	NAVY	0.125"	1.500"	140 PSI
POLY-341	4mm	2.4mm	100'	BLACK	0.79mm	6.35mm	200 PSI
POLY-341B	4mm	2.4mm	100'	BLACK	0.79mm	6.35mm	200 PSI
POLY-341B5	4mm	2.4mm	500'	BLACK	0.79mm	6.35mm	200 PSI
POLY-341CB1	4mm	2.4mm	1000'	BLACK	0.79mm	6.35mm	200 PSI
POLY-341CU	4mm	2.4mm	100'	CLEAR BLUE	0.79mm	6.35mm	200 PSI
POLY-341CU5	4mm	2.4mm	500'	CLEAR BLUE	0.79mm	6.35mm	200 PSI
POLY-341CU1	4mm	2.4mm	1000'	CLEAR BLUE	0.79mm	6.35mm	200 PSI
POLY-341LU	4mm	2.4mm	100'	LIGHT BLUE	0.79mm	6.35mm	200 PSI
POLY-341LU5	4mm	2.4mm	500'	LIGHT BLUE	0.79mm	6.35mm	200 PSI
POLY-341U	4mm	2.4mm	100'	NAVY	0.79mm	6.35mm	200 PSI
POLY-341U5	4mm	2.4mm	500'	NAVY	0.79mm	6.35mm	200 PSI
POLY-341U1	4mm	2.4mm	1000'	NAVY	0.79mm	6.35mm	200 PSI
POLY-341G	4mm	2.4mm	100'	GREEN	0.79mm	6.35mm	200 PSI

Features

- Strong
- Lightweight
- Flexible
- Abrasion Resistant
- Heat & Cold Resistant
- Chemical Resistant
- Kink Resistant



Specifications

- Temp Range: -40°F to +150°F
- Hardness: Shore 98A
- Vacuum Rating to 28" Hg
- Tolerances: 1/8"-1/2" O.D. +/- .005 9/16"-3/4" O.D. +/- .006
- Safety Factor 3:01

Certifications/Compliance

- Meets NSF 61® Requirements
- Meets UL94HB Requirements
- REACH Prop 65 Compliant
- NSF 51® Certified
- RoHS Certified
- FDA Compliant



Applications

- Pneumatic Tools
- Pneumatic Piping
- Vacuum
- Laboratories
- Robotics
- Motion Control
- Instrumentation
- Agriculture
- Lube Lines
- Painting Systems
- Food & Beverages



POLYURETHANE TUBING NSF51

MODEL	OD	ID	LENGTH	COLOR	WALL THICKNESS	BEND RADIUS	WP@ 75°F
POLY-341G5	4mm	2.4mm	500'	GREEN	0.79mm	6.35mm	200 PSI
POLY-341R	4mm	2.4mm	100'	RED	0.79mm	6.35mm	200 PSI
POLY-341R5	4mm	2.4mm	500'	RED	0.79mm	6.35mm	200 PSI
POLY-341Y	4mm	2.4mm	100'	YELLOW	0.79mm	6.35mm	200 PSI
POLY-341Y5	4mm	2.4mm	500'	YELLOW	0.79mm	6.35mm	200 PSI
POLY-341W	4mm	2.4mm	100'	WHITE	0.79mm	6.35mm	200 PSI
POLY-341W5	4mm	2.4mm	500'	WHITE	0.79mm	6.35mm	200 PSI
POLY-352	6mm	4mm	100'	CLEAR	0.79mm	6.35mm	200 PSI
POLY-352N5	6mm	4mm	500'	CLEAR	1.00mm	12.00mm	100 PSI
POLY-352N1	6mm	4mm	1000'	CLEAR	1.00mm	12.00mm	100 PSI
POLY-352B	6mm	4mm	100'	BLACK	1.00mm	12.00mm	100 PSI
POLY-352B5	6mm	4mm	500'	BLACK	1.00mm	12.00mm	100 PSI
POLY-352B1	6mm	4mm	1000'	BLACK	1.00mm	12.00mm	100 PSI
POLY-352CU	6mm	4mm	100'	CLEAR BLUE	1.00mm	12.00mm	100 PSI
POLY-352CU5	6mm	4mm	500'	CLEAR BLUE	1.00mm	12.00mm	100 PSI
POLY-352LU	6mm	4mm	100'	LIGHT BLUE	1.00mm	12.00mm	100 PSI
POLY-352U	6mm	4mm	100'	NAVY	1.00mm	12.00mm	100 PSI
POLY-352U5	6mm	4mm	500'	NAVY	1.00mm	12.00mm	100 PSI
POLY-352U1	6mm	4mm	1000'	NAVY	1.00mm	12.00mm	100 PSI
POLY-352G	6mm	4mm	100'	GREEN	1.00mm	12.00mm	100 PSI
POLY-352G5	6mm	4mm	500'	GREEN	1.00mm	12.00mm	100 PSI
POLY-352G1	6mm	4mm	1000'	GREEN	1.00mm	12.00mm	100 PSI
POLY-352R	6mm	4mm	100'	RED	1.00mm	12.00mm	100 PSI
POLY-352R5	6mm	4mm	500'	RED	1.00mm	12.00mm	100 PSI
POLY-352R1	6mm	4mm	1000'	RED	1.00mm	12.00mm	100 PSI
POLY-352Y	6mm	4mm	100'	YELLOW	1.00mm	12.00mm	100 PSI
POLY-352Y5	6mm	4mm	500'	YELLOW	1.00mm	12.00mm	100 PSI
POLY-352W	6mm	4mm	100'	WHITE	1.00mm	12.00mm	100 PSI
POLY-354	8mm	2.7mm	100'	CLEAR	1.60mm	15.00mm	---
POLY-354N5	8mm	2.7mm	500'	CLEAR	1.60mm	15.00mm	---
POLY-354B	8mm	2.7mm	100'	BLACK	1.60mm	15.00mm	---
POLY-354CU	8mm	2.7mm	100'	CLEAR BLUE	1.60mm	15.00mm	---
POLY-354CU5	8mm	2.7mm	500'	CLEAR BLUE	1.60mm	15.00mm	---
POLY-354LU	8mm	2.7mm	100'	LIGHT BLUE	1.60mm	15.00mm	---
POLY-354U	8mm	2.7mm	100'	NAVY	1.60mm	15.00mm	---
POLY-354U5	8mm	2.7mm	500'	NAVY	1.60mm	15.00mm	---
POLY-354G	8mm	2.7mm	100'	GREEN	1.60mm	15.00mm	---
POLY-354R	8mm	2.7mm	100'	RED	1.60mm	15.00mm	---
POLY-354R5	8mm	2.7mm	500'	RED	1.60mm	15.00mm	---
POLY-354Y	8mm	2.7mm	100'	YELLOW	1.60mm	15.00mm	---
POLY-354W	8mm	2.7mm	100'	WHITE	1.60mm	15.00mm	---
POLY-356	10mm	6.5mm	100'	CLEAR	1.75mm	25.00mm	---
POLY-356N5	10mm	6.5mm	500'	CLEAR	1.75mm	25.00mm	---
POLY-356B	10mm	6.5mm	100'	BLACK	1.75mm	25.00mm	---
POLY-356B5	10mm	6.5mm	500'	BLACK	1.75mm	25.00mm	---
POLY-356CU	10mm	6.5mm	100'	CLEAR BLUE	1.75mm	25.00mm	---
POLY-356LU	10mm	6.5mm	100'	LIGHT BLUE	1.75mm	25.00mm	---
POLY-356U	10mm	6.5mm	100'	NAVY	1.75mm	25.00mm	---
POLY-356U5	10mm	6.5mm	500'	NAVY	1.75mm	25.00mm	---
POLY-356G	10mm	6.5mm	100'	GREEN	1.75mm	25.00mm	---
POLY-356R	10mm	6.5mm	100'	RED	1.75mm	25.00mm	---
POLY-356R5	10mm	6.5mm	500'	RED	1.75mm	25.00mm	---
POLY-356Y	10mm	6.5mm	100'	YELLOW	1.75mm	25.00mm	---
POLY-358	12mm	8mm	100'	CLEAR	2.0mm		150 PSI
POLY-358N5	12mm	8mm	500'	CLEAR	2.0mm		150 PSI
POLY-358B	12mm	8mm	100'	BLACK	2.0mm		150 PSI
POLY-358B5	12mm	8mm	500'	BLACK	2.0mm		150 PSI
POLY-358CU	12mm	8mm	100'	CLEAR BLUE	2.0mm		150 PSI
POLY-358U	12mm	8mm	100'	NAVY	2.0mm		150 PSI
POLY-358U5	12mm	8mm	500'	NAVY	2.0mm		150 PSI
POLY-358G	12mm	8mm	100'	GREEN	2.0mm		150 PSI
POLY-358R	12mm	8mm	100'	RED	2.0mm		150 PSI
POLY-358Y	12mm	8mm	100'	YELLOW	2.0mm		150 PSI
POLY-360	16mm	11mm	100'	CLEAR	2.50mm	30.0mm	-
POLY-360B	16mm	11mm	100'	BLACK	2.50mm	30.0mm	-



NYLON TUBING

MODEL	OD	ID	LENGTH	COLOR	WALL THICKNESS	BEND RADIUS	WP@ 75°F
NYL-230	1/8"	0.062"	100'	NEUTRAL	0.022"	0.375"	420 PSI
NYL-230N5	1/8"	0.062"	500'	NEUTRAL	0.022"	0.375"	420 PSI
NYL-230B	1/8"	0.062"	100'	BLACK	0.022"	0.375"	420 PSI
NYL-232	1/4"	0.180"	100'	NEUTRAL	0.035"	1.25"	290 PSI
NYL-232N5	1/4"	0.180"	500'	NEUTRAL	0.035"	1.25"	290 PSI
NYL-232N1	1/4"	0.180"	1000'	NEUTRAL	0.035"	1.25"	290 PSI
NYL-232B	1/4"	0.180"	100'	BLACK	0.035"	1.25"	290 PSI
NYL-232B5	1/4"	0.180"	500'	BLACK	0.035"	1.25"	290 PSI
NYL-232N1	1/4"	0.180"	1000'	BLACK	0.035"	1.25"	290 PSI
NYL-238	1/4"	0.150"	100'	NEUTRAL	0.050"	0.750"	800 PSI
NYL-238B	1/4"	0.150"	100'	BLACK	0.050"	0.750"	800 PSI
NYL-233	3/8"	0.275"	100'	NEUTRAL	0.050"	2.00"	250 PSI
NYL-233N5	3/8"	0.275"	500'	NEUTRAL	0.050"	2.00"	250 PSI
NYL-233N1	3/8"	0.275"	1000'	NEUTRAL	0.050"	2.00"	250 PSI
NYL-233B	3/8"	0.275"	100'	BLACK	0.050"	2.00"	250 PSI
NYL-233B5	3/8"	0.275"	500'	BLACK	0.050"	2.00"	250 PSI
NYL-233B1	3/8"	0.275"	1000'	BLACK	0.050"	2.00"	250 PSI
NYL-234	1/2"	0.375"	100'	NEUTRAL	0.062"	3.50"	240 PSI
NYL-234N5	1/2"	0.375"	500'	NEUTRAL	0.062"	3.50"	240 PSI
NYL-234B5	1/2"	0.375"	500'	BLACK	0.062"	3.50"	240 PSI
NYL-231	4mm	2.7mm	100'	NEUTRAL	.065mm	12.7mm	350 PSI
NYL-323	4mm	2.7mm	100'	NEUTRAL	.065mm	12.7mm	350 PSI
NYL-323N5	4mm	2.7mm	500'	NEUTRAL	.065mm	12.7mm	350 PSI
NYL-323N1	4mm	2.7mm	1000'	NEUTRAL	.065mm	12.7mm	350 PSI
NYL-231B	4mm	2.7mm	100'	BLACK	.065mm	12.7mm	350 PSI
NYL323B5	4mm	2.7mm	500'	BLACK	.065mm	12.7mm	350 PSI
NYL-325	6mm	4mm	100'	NEUTRAL	1.0mm	31.8mm	340 PSI
NYL-326	6mm	4mm	100'	NEUTRAL	1.0mm	31.8mm	340 PSI
NYL-326N5	6mm	4mm	500'	NEUTRAL	1.0mm	31.8mm	340 PSI
NYL-326B	6mm	4mm	100'	BLACK	1.0mm	31.8mm	340 PSI
NYL-226	8mm	6mm	100'	NEUTRAL	1.0mm	38.0mm	250 PSI
NYL-327	8mm	6mm	100'	NEUTRAL	1.0mm	38.0mm	250 PSI
NYL-327N5	8mm	6mm	500'	NEUTRAL	1.0mm	38.0mm	250 PSI
NYL-226B	8mm	6mm	100'	BLACK	1.0mm	38.0mm	250 PSI
NYL-327B5	8mm	6mm	500'	BLACK	1.0mm	38.0mm	250 PSI
NYL-329	10mm	8mm	100'	NEUTRAL	1.0mm	51.0mm	225 PSI
NYL-329B	10mm	8mm	100'	BLACK	1.0mm	51.0mm	225 PSI
NYL-332	12mm	10mm	100'	NEUTRAL	1.0mm	63.50mm	200 PSI
PLDV-205N5	12mm	10mm	500'	NEUTRAL	1.0mm	63.50mm	200 PSI
NYL-332B	12mm	10mm	100'	BLACK	1.0mm	63.50mm	200 PSI
PLDV-205B5	12mm	10mm	500'	BLACK	1.0mm	63.50mm	200 PSI

Features

- Strong
- Lightweight
- Flexible
- Abrasion Resistant
- Heat Resistant
- Chemical Resistant
- Heat and UV Stabilized
- Higher Flow Rates & Working Pressure

Specifications

- Temp Range: -60°F to +200°F
- Hardness: Rockwell 78R
- Shore 70D
- Vacuum Rating: To 28" Hg
- Tolerances: 1/8"-1/4" +/- .005
3/4"-1/2" +/- .006
- Safety Factor: 4:1

Certifications/Compliance

- REACH Prop 65 Compliant
- RoHS Certified

Applications

- Pneumatic Tools
- Pneumatic Piping
- Instrumentation
- Lube Lines
- Coolants
- Refrigeration
- Chemical Transfer
- Vacuum
- Process Control
- Fuel Lines
- Paint Supply Lines
- Laboratories



PVC POLYVINYL CHLORIDE TUBING • NSF61

MODEL	OD	ID	LENGTH	COLOR	WALL THICKNESS	WP@ 75°F
PVC-224	1/4"	1/8"	100'	CLEAR	1/16"	50 PSI
PVC-223	5/16"	3/16"	100'	CLEAR	1/16"	55 PSI
PVC-215	3/8"	1/4"	100'	CLEAR	1/16"	55 PSI
PVC-252	7/16"	5/16"	100'	CLEAR	1/16"	50 PSI
PVC-253	1/2"	5/16"	100'	CLEAR	3/32"	55 PSI
PVC-216	1/2"	3/8"	100'	CLEAR	1/16"	45 PSI
PVC-262	9/16"	3/8"	100'	CLEAR	3/32"	50 PSI
PVC-255	5/8"	3/8"	100'	CLEAR	1/8"	55 PSI
PVC-217	5/8"	1/2"	100'	CLEAR	1/16"	30 PSI
PVC-219	1"	3/4"	100'	CLEAR	1/8"	35 PSI
PVC-221	1 1/4"	1"	100'	CLEAR	1/8"	25 PSI

Features

- Lightweight
- Flexible
- Food Grade
- Clear Color/Blue Tint

Specifications

- Temp Range: +25°F to +150°F
- Hardness: Shore A 75 PVC
- Burst Pressure 3:1

Certifications/Compliance

- NSF 61® Certified
- FDA Compliant
- USP Class VI Rated Materials
- RoHS Certified



Applications

- Beverage Dispensing
- Drain Tubing
- Potable Water
- Laboratory Tubing
- Wine Transfer
- Low Pressure Air Line
- Distilled Water Transfer
- Light Vacuum
- Wire Harness

BRASS, GALVANIZED, AND STEEL PIPE FITTINGS



⚠ WARNING: This product can expose you to chemicals, including Lead. For more information, visit www.P65Warnings.ca.gov

COMMON APPLICATIONS:

Grease, Fuels, LP and Natural Gas, Refrigeration, Instrumentation and Hydraulic Systems

OPERATING PRESSURE:

Up to 1200 PSI

VIBRATION:

Fair resistance

TEMPERATURE RANGE:

-650°F to +2500°F (-530°C to +1210°C)

USAGE:

Bronze, Brass, Copper, Steel, Aluminum and Iron Pipe

TOLERANCE:

+/- .02 on all dimensions. Dimension Data can change without notice. Please contact us when dimensions are critical

CONFORMANCE:

Meets specifications and standards of ASA, ASME and SAE

LIGHT PATTERN:


"L" at end of a Part# fittings are interchangeable with full pattern fittings. Pipe threads may have been modified for use in plumbing & light industrial applications

ASSEMBLY:

Tighten approximately two turns beyond hand tight. Brittle materials require special precautions

PIPE SIZE	1/16	1/8	1/4	3/8	1/2	3/4	1
THREAD SIZE	1/16 - 27	1/8 - 27	1/4 - 18	3/8 - 18	1/2 - 14	3/4 - 14	1 - 11 - 1/2
WORKING PRESSURE	1200	1200	1200	1200	1200	1000	1000
THREAD OD	1/4	3/8	1/2	5/8	3/4	1	1 1/4

CLOSE NIPPLE

	MODEL	MALE NPT
	BFCC-131	1/8"
	BFCC-132	1/4"
	BFCC-133	3/8"
	BFCC-134	1/2"
	BFCC-135	3/4"
	BFCC-496	1"

HEX NIPPLE

	MODEL	MALE NPT
	BFCC-211	1/8"
	BFCC-212	1/4"
	BFCC-213	3/8"
	BFCC-214	1/2"
	BFCC-215	3/4"
	BFCC-216	1"

REDUCING HEX NIPPLE

	MODEL	MALE NPT
	BFCC-220	1/4" x 1/8"
	BFCC-221	3/8" x 1/8"
	BFCC-222	3/8" x 1/4"
	BFCC-223	1/2" x 1/4"
	BFCC-224	1/2" x 3/8"
	BFCC-225	3/4" x 1/2"
	BFCC-227	1" x 3/4"

1/8" YELLOW BRASS NIPPLES

MODEL	LENGTH
BFCC-140	1 1/2"
BFCC-141	2"
BFCC-142	2.5"
BFCC-143	3"
BFCC-475	3.5"

1/4" YELLOW BRASS NIPPLES

MODEL	LENGTH
BFCC-144	1.5"
BFCC-145	2"
BFCC-146	2.5"
BFCC-147	3"
BFCC-481	3.5"

3/8" YELLOW BRASS NIPPLES

MODEL	LENGTH
BFCC-148	1 1/2"
BFCC-149	2"
BFCC-150	2.5"
BFCC-151	3"
BFCC-487	3.5"

1/8" RED BRASS NIPPLES

MODEL	LENGTH
BCFT-007	4"
BCFT-011	6"
BCFT-013	8"
BCFT-015	10"
BCFT-017	12"

1/4" RED BRASS NIPPLES

MODEL	LENGTH
BCFT-026	4"
BCFT-030	6"
BCFT-032	8"
BCFT-034	10"
BCFT-036	12"

3/8" RED BRASS NIPPLES

MODEL	LENGTH
BCFT-046	4"
BCFT-050	6"
BCFT-052	8"
BCFT-054	10"
BCFT-056	12"

1/2" YELLOW BRASS NIPPLES

MODEL	LENGTH
BFCC-152	1 1/2"
BFCC-153	2"
BFCC-154	2.5"
BFCC-155	3"
BFCC-493	3.5"

3/4" YELLOW BRASS NIPPLES

MODEL	LENGTH
BFCC-136	1 1/2"
BFCC-497	2"
BFCC-498	2.5"
BFCC-499	3"

Available in other sizes, including .5"
Please email us for our entire fitting selection

1/2" RED BRASS NIPPLES

MODEL	LENGTH
BCFT-066	4"
BCFT-070	6"
BCFT-072	8"
BCFT-074	10"
BCFT-076	12"

3/4" RED BRASS NIPPLES

MODEL	LENGTH
BCFT-086	4"
BCFT-090	6"
BCFT-092	8"
BCFT-094	10"
BCFT-096	12"
BCFT-097	18"

1" RED BRASS NIPPLES

MODEL	LENGTH
BCFT-105	4"
BCFT-109	6"
BCFT-111	8"
BCFT-113	10"
BCFT-115	12"

1 1/4" RED BRASS NIPPLES

MODEL	LENGTH
BCFT-125	4"
BCFT-129	6"
BCFT-131	8"
BCFT-133	10"
BCFT-135	12"

1 1/2" RED BRASS NIPPLES

MODEL	LENGTH
BCFT-145	4"
BCFT-149	6"
BCFT-151	8"
BCFT-153	10"
BCFT-155	12"

2" RED BRASS NIPPLES

MODEL	LENGTH
BCFT-164	4"
BCFT-168	6"
BCFT-170	8"
BCFT-172	10"
BCFT-174	12"

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90° STREET ELBOW • FORGED

MODEL	FNPT x MNPT
BFCC-165	1/8"
BFCC-166	1/4"
BFCC-167	3/8"
BFCC-168	1/2"
BFCC-169	3/4"

90° STREET ELBOW • BARSTOCK

MODEL	FNPT x MNPT
BFCC-156	1/8"
BFCC-157	1/4"
BFCC-158	3/8"
BFCC-159	1/2"
BFCC-160	3/4"

45° STREET ELBOW

MODEL	FNPT x MNPT
BFCC-230	1/8"
BFCC-231	1/4"
BFCC-232	3/8"
BFCC-233	1/2"
BFCC-234	3/4"

90° MALE ELBOW

MODEL	FNPT x MNPT
BFCC-266	1/8"
BFCC-267	1/4"
BFCC-268	3/8"
BFCC-269	1/2"

90° ELBOW FNPT • BARSTOCK

MODEL	FNPT x MNPT
BFCC-001	1/8"
BFCC-002	1/4"
BFCC-003	3/8"
BFCC-004	1/2"
BFCC-005	3/4"

45° FEMALE ELBOW

MODEL	FNPT x MNPT
BFCC-018	1/8"
BFCC-019	1/4"
BFCC-020	3/8"
BFCC-021	1/2"

90° MALE REDUCING ELBOW

MODEL	FNPT x MNPT
BFCC-274	1/4" x 1/8"
BFCC-275	3/8" x 1/4"
BFCC-276	1/2" x 3/8"

90° ELBOW FNPT • FORGED

MODEL	FNPT x MNPT
BFCC-017	1"

90° REDUCING STREET ELBOW

MODEL	FNPT x MNPT
BFCC-260	1/8" x 1/4"
BFCC-261	1/4" x 1/8"
BFCC-262	1/4" x 3/8"
BFCC-263	3/8" x 1/4"
BFCC-264	3/8" x 1/2"
BFCC-265	1/2" x 3/8"

90° FEMALE REDUCING ELBOW

MODEL	FNPT x MNPT
BFCC-014	1/4" x 1/8"
BFCC-015	3/8" x 1/4"
BFCC-016	1/2" x 3/8"

EXTENDER ADAPTER

MODEL	FNPT x MNPT
BFCC-190	1/8" x 1/8"
BFCC-191	1/4" x 1/8"
BFCC-192	1/4" x 1/4"
BFCC-198	3/8" x 1/8"
BFCC-193	3/8" x 1/4"
BFCC-194	3/8" x 3/8"
BFCC-197	1/2" x 1/8"
BFCC-199	1/2" x 1/4"
BFCC-195	1/2" x 3/8"
BFCC-196	1/2" x 1/2"
BFCC-207	3/4" x 3/8"
BFCC-208	3/4" x 1/2"
BFCC-209	3/4" x 3/4"

CROSSES • FORGED

MODEL	FNPT x MNPT
BFCC-049	1/8"
BFCC-050	1/4"
BFCC-051	3/8"
BFCC-052	1/2"

PIPE SWIVEL ADAPTER

MODEL	FNPT x MNPT
BFCC-424	1/8" x 1/8"
BFCC-425	1/4" x 1/4"
BFCC-426	3/8" x 3/8"
BFCC-427	1/2" x 1/2"

CROSSES • BARSTOCK

MODEL	FNPT x MNPT
BFCC-041	1/8"
BFCC-042	1/4"
BFCC-043	3/8"
BFCC-044	1/2"
BFCC-045	3/4"

NPT "Y" FITTING

MODEL	FNPT x MNPT
BFCC-295	1/4"

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FEMALE REDUCING TEE

MODEL	HEADER	BOTTOM STUD
BFCC-029	1/8" x 1/8"	1/4"
BFCC-030	1/4" x 1/4"	1/8"
BFCC-031	1/4" x 1/4"	3/8"
BFCC-038	3/8" x 1/4"	3/8"
BFCC-039	3/8" x 3/8"	1/4"
BFCC-046	1/2" x 1/2"	3/8"
BFCC-047	3/4" x 1/2"	3/4"
BFCC-048	3/4" x 3/4"	1/2"

REDUCING COUPLING

MODEL	FNPT
BFCC-181	1/4" x 1/8"
BFCC-182	3/8" x 1/8"
BFCC-183	3/8" x 1/4"
BFCC-180	1/2" x 1/8"
BFCC-184	1/2" x 1/4"
BFCC-185	1/2" x 3/8"
BFCC-186	3/4" x 1/8"
BFCC-187	3/4" x 1/4"
BFCC-188	3/4" x 3/8"
BFCC-189	3/4" x 1/2"
BFCC-178	1" x 1/2"
BFCC-179	1" x 3/4"

COUPLING

MODEL	FNPT
BFCC-058	1/8"
BFCC-059	1/4"
BFCC-060	3/8"
BFCC-061	1/2"
BFCC-062	3/4"
BFCC-063	1"

END CAP

MODEL	FNPT
BFCC-075	1/8"
BFCC-076	1/4"
BFCC-077	3/8"
BFCC-078	1/2"
BFCC-079	3/4"
BFCC-080	1"

FEMALE EQUAL TEE • FORGED

MODEL	FNPT
BFCC-032	1/8"
BFCC-033	1/4"
BFCC-034	3/8"
BFCC-035	1/2"
BFCC-036	3/4"
BFCC-023	1"

MALE BRANCH TEE

MODEL	(2) FNPT x MNPT
BFCC-281	1/8"
BFCC-282	1/4"
BFCC-283	3/8"
BFCC-284	1/2"
BFCC-285	3/4"

HEX BUSHING

MODEL	MNPT x FNPT
BFCC-102	1/4" x 1/8"
BFCC-103	3/8" x 1/8"
BFCC-104	3/8" x 1/4"
BFCC-105	1/2" x 1/8"
BFCC-106	1/2" x 1/4"
BFCC-107	1/2" x 3/8"
BFCC-108	3/4" x 1/8"
BFCC-109	3/4" x 1/4"
BFCC-110	3/4" x 3/8"
BFCC-111	3/4" x 1/2"
BFCC-091	1" x 1/8"
BFCC-112	1" x 1/4"
BFCC-113	1" x 3/8"
BFCC-114	1" x 1/2"
BFCC-115	1" x 3/4"

CORED HEX PLUG

MODEL	MNPT
BFCC-201	1/8"
BFCC-202	1/4"
BFCC-203	3/8"
BFCC-204	1/2"
BFCC-205	3/4"
BFCC-206	1"

STREET TEE

MODEL	(2) FNPT x MNPT
BFCC-245	1/8"
BFCC-246	1/4"
BFCC-247	3/8"
BFCC-248	1/2"
BFCC-249	3/4"

FEMALE EQUAL TEE • BARSTOCK

MODEL	FNPT
BFCC-024	1/8"
BFCC-025	1/4"
BFCC-026	3/8"
BFCC-027	1/2"
BFCC-028	3/4"

MALE EQUAL TEE • FORGED

MODEL	MNPT
BFCC-290	1/8"
BFCC-291	1/4"
BFCC-292	3/8"
BFCC-293	1/2"
BFCC-294	3/4"

FACE BUSHING

MODEL	MNPT x FNPT
BFCC-121	1/4" x 1/8"
BFCC-122	3/8" x 1/8"
BFCC-116	3/8" x 1/4"
BFCC-090	1/2" x 1/8"
BFCC-128	1/2" x 1/4"
BFCC-117	1/2" x 3/8"
BFCC-129	3/4" x 1/4"
BFCC-130	3/4" x 3/8"
BFCC-118	3/4" x 1/2"
BFCC-120	1" x 1/2"
BFCC-119	1" x 3/4"

COUNTERSINK HEX PLUG


MODEL	FNPT
BFCC-093	1/8"
BFCC-094	1/4"
BFCC-095	3/8"
BFCC-096	1/2"
BFCC-097	3/4"

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STEEL PIPE FITTINGS

STEEL COUPLING



MODEL	FNPT	FNPT
SFCC-001	1/8"	1/8"
SFCC-002	1/4"	1/8"
SFCC-003	1/4"	1/4"
SFCC-004	3/8"	1/4"
SFCC-005	3/8"	3/8"
SFCC-006	1/2"	1/4"
SFCC-007	1/2"	3/8"
SFCC-008	1/2"	1/2"
SFCC-187	3/4"	1/2"
SFCC-009	3/4"	3/4"
SFCC-188	1"	1/2"
SFCC-010	1"	3/4"
SFCC-011	1"	1"
SFCC-012	1 1/4"	1 1/4"
SFCC-013	1 1/2"	1 1/2"
SFCC-014	2"	2"

FNPT / MNPT PIPE ADAPTER



MODEL	MNPT	FNPT
SFCC-035	1/8"	1/8"
SFCC-036	1/8"	1/4"
SFCC-037	1/4"	1/8"
SFCC-038	1/4"	1/4"
SFCC-193	1/4"	1/2"
SFCC-039	3/8"	1/4"
SFCC-040	3/8"	3/8"
SFCC-041	3/8"	1/2"
SFCC-194	3/8"	3/4"
SFCC-042	1/2"	1/2"
SFCC-043	1/2"	3/4"
SFCC-197	1/2"	1"
SFCC-217	3/4"	1/2"
SFCC-044	3/4"	3/4"
SFCC-195	3/4"	1"
SFCC-196	3/4"	1 1/4"
SFCC-045	1"	1"
SFCC-046	1"	1 1/4"
SFCC-047	1 1/4"	1 1/4"
SFCC-048	1 1/4"	1 1/2"
SFCC-049	1 1/2"	1 1/2"

SOLID HEX PLUG



MODEL	MNPT
SFCC-068	1/8"
SFCC-069	1/4"
SFCC-070	3/8"
SFCC-071	1/2"
SFCC-072	3/4"
SFCC-073	1"
SFCC-074	1 1/4"
SFCC-075	1 1/2"
SFCC-076	2"

COUNTERSUNK HEX PLUG




MODEL	MNPT
SFCC-077	1/8"
SFCC-078	1/4"
SFCC-079	3/8"
SFCC-080	1/2"
SFCC-081	3/4"
SFCC-082	1"
SFCC-083	1 1/4"
SFCC-084	1 1/2"

COUNTERSUNK PLUG WITH 7/8" TAPER



MODEL	MNPT
SFCC-085	1/8"
SFCC-086	1/4"
SFCC-087	3/8"
SFCC-088	1/2"
SFCC-089	3/4"

SQUARE HEAD PLUG




MODEL	MNPT
SFCC-090	1/8"
SFCC-091	1/4"
SFCC-092	3/8"
SFCC-093	1/2"
SFCC-094	3/4"
SFCC-095	1"
SFCC-096	1 1/4"
SFCC-097	1 1/2"
SFCC-098	2"

END CAP




MODEL	FNPT
SFCC-099	1/8"
SFCC-100	1/4"
SFCC-101	3/8"
SFCC-102	1/2"
SFCC-103	3/4"
SFCC-104	1"

HEX NIPPLE



MODEL	MNPT	MNPT
SFCC-015	1/8"	1/8"
SFCC-016	1/4"	1/8"
SFCC-017	1/4"	1/4"
SFCC-018	3/8"	1/8"
SFCC-019	3/8"	1/4"
SFCC-020	3/8"	3/8"
SFCC-021	1/2"	1/4"
SFCC-022	1/2"	3/8"
SFCC-023	1/2"	1/2"
SFCC-024	3/4"	3/8"
SFCC-025	3/4"	1/2"
SFCC-026	3/4"	3/4"
SFCC-189	1"	3/8"
SFCC-190	1"	1/2"
SFCC-027	1"	3/4"
SFCC-028	1"	1"
SFCC-029	1 1/4"	1"
SFCC-030	1 1/4"	1 1/4"
SFCC-191	1 1/2"	3/4"
SFCC-192	1 1/2"	1"
SFCC-031	1 1/2"	1 1/4"
SFCC-032	1 1/2"	1 1/2"
SFCC-033	2"	1 1/2"
SFCC-034	2"	2"

HEX REDUCING BUSHING



MODEL	MNPT	FNPT
SFCC-050	1/4"	1/8"
SFCC-051	3/8"	1/8"
SFCC-052	3/8"	1/4"
SFCC-053	1/2"	1/8"
SFCC-054	1/2"	1/4"
SFCC-055	1/2"	3/8"
SFCC-056	3/4"	1/8"
SFCC-057	3/4"	1/4"
SFCC-058	3/4"	3/8"
SFCC-059	3/4"	1/2"
SFCC-060	1"	1/4"
SFCC-061	1"	3/8"
SFCC-062	1"	1/2"
SFCC-063	1"	3/4"
SFCC-198	1 1/4"	3/8"
SFCC-199	1 1/4"	1/2"
SFCC-202	1 1/4"	3/4"
SFCC-064	1 1/4"	1"
SFCC-203	1 1/2"	1/2"
SFCC-204	1 1/2"	1"
SFCC-065	1 1/2"	1 1/4"
SFCC-205	2"	3/4"
SFCC-206	2"	1"
SFCC-066	2"	1 1/4"
SFCC-067	2"	1 1/2"

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90° MALE ELBOW

	MODEL	MNPT
	SFCC-105	1/8"
	SFCC-106	1/4"
	SFCC-107	3/8"
	SFCC-109	1/2"
	SFCC-111	3/4"
	SFCC-112	1"
	SFCC-200	1 1/4"

45° MALE ELBOW

	MODEL	MNPT
	SFCC-114	1/8"
	SFCC-115	1/4"
	SFCC-116	3/8"
	SFCC-117	1/2"
	SFCC-118	3/4"
	SFCC-119	1"

90° STREET ELBOW

	MODEL	MNPT	FNPT
	SFCC-120	1/8"	1/8"
	SFCC-218	1/4"	1/8"
	SFCC-121	1/4"	1/4"
	SFCC-122	3/8"	1/4"
	SFCC-123	3/8"	3/8"
	SFCC-210	3/8"	1/2"
	SFCC-124	1/2"	1/4"
	SFCC-125	1/2"	3/8"
	SFCC-126	1/2"	1/2"
	SFCC-209	1/2"	3/4"
	SFCC-211	3/4"	1/2"
	SFCC-127	3/4"	3/4"
	SFCC-212	1"	3/4"
	SFCC-128	1"	1"
	SFCC-129	1 1/4"	1 1/4"
	SFCC-130	1 1/2"	1 1/2"

45° STREET ELBOW

	MODEL	MNPT	FNPT
	SFCC-131	1/8"	1/8"
	SFCC-132	1/4"	1/4"
	SFCC-133	3/8"	3/8"
	SFCC-134	1/2"	1/2"
	SFCC-135	3/4"	3/4"
	SFCC-136	1"	1"


90° FEMALE ELBOW

	MODEL	FNPT	FNPT
	SFCC-137	1/8"	1/8"
	SFCC-213	1/4"	1/8"
	SFCC-138	1/4"	1/4"
	SFCC-139	3/8"	3/8"
	SFCC-140	1/2"	3/8"
	SFCC-141	1/2"	1/2"
	SFCC-215	3/4"	1/2"
	SFCC-142	3/4"	3/4"
	SFCC-216	1"	3/4"
	SFCC-143	1"	1"
	SFCC-144	1 1/4"	1 1/4"
	SFCC-145	1 1/2"	1 1/2"

MALE EQUAL TEE

	MODEL	MNPT
	SFCC-152	1/8"
	SFCC-153	1/4"
	SFCC-154	3/8"
	SFCC-155	1/2"
	SFCC-156	3/4"
	SFCC-201	1"

STREET TEE

	MODEL	FNPT
	SFCC-162	1/8"
	SFCC-163	1/4"
	SFCC-164	3/8"
	SFCC-165	1/2"
	SFCC-166	3/4"
	SFCC-167	1"


RUN TEE

	MODEL	MNPT	FNPT
	SFCC-168	1/8"	1/8"
	SFCC-169	1/4"	1/4"
	SFCC-170	3/8"	3/8"
	SFCC-171	1/2"	1/2"
	SFCC-172	3/4"	3/4"
	SFCC-173	1"	1"


MALE BRANCH TEE

	MODEL	FNPT	MNPT
	SFCC-174	1/8"	1/8"
	SFCC-175	1/4"	1/4"
	SFCC-176	3/8"	3/8"
	SFCC-177	1/2"	1/2"
	SFCC-178	3/4"	3/4"
	SFCC-179	1"	1"

FEMALE EQUAL TEE

	MODEL	FNPT
	SFCC-180	1/8"
	SFCC-181	1/4"
	SFCC-182	3/8"
	SFCC-183	1/2"
	SFCC-184	3/4"
	SFCC-185	1"
	SFCC-186	1 1/4"

FEMALE BRANCH TEE

	MODEL	MNPT	FNPT
	SFCC-157	1/8"	1/8"
	SFCC-158	1/4"	1/4"
	SFCC-159	3/8"	3/8"
	SFCC-160	3/4"	3/4"
	SFCC-161	1"	1"

90° MALE REDUCING ELBOW

	MODEL	MNPT
	SFCC-207	1/4" x 1/8"
	SFCC-108	1/2" x 1/4"
	SFCC-110	3/4" x 1/2"
	SFCC-113	1" x 3/4"
	SFCC-208	1 1/4" x 1"

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GALVANIZED PIPE FITTINGS

GALVANIZED COUPLING

MODEL	FNPT
GFCC-410	1/8"
GFCC-411	1/4"
GFCC-412	3/8"
GFCC-413	1/2"
GFCC-414	3/4"
GFCC-415	1"
GFCC-416	1 1/4"
GFCC-417	1 1/2"
GFCC-418	2"
GFCC-419	2 1/2"
GFCC-420	3"

HEX UNIONS

MODEL	FNPT
GFCC-600	1/8"
GFCC-601	1/4"
GFCC-602	3/8"
GFCC-603	1/2"
GFCC-604	3/4"
GFCC-605	1"
GFCC-606	1 1/4"
GFCC-607	1 1/2"
GFCC-608	2"
GFCC-609	2 1/2"
GFCC-610	3"

EQUAL TEES

MODEL	FNPT
GFCC-250	1/8"
GFCC-251	1/4"
GFCC-252	3/8"
GFCC-253	1/2"
GFCC-254	3/4"
GFCC-255	1"
GFCC-256	1 1/4"
GFCC-257	1 1/2"
GFCC-258	2"
GFCC-259	2 1/2"
GFCC-260	3"

REDUCING COUPLING

MODEL	FNPT
GFCC-430	1/4" x 1/8"
GFCC-431	3/8" x 1/8"
GFCC-432	3/8" x 1/4"
GFCC-433	1/2" x 1/8"
GFCC-434	1/2" x 1/4"
GFCC-435	1/2" x 3/8"
GFCC-439	3/4" x 1/8"
GFCC-436	3/4" x 1/4"
GFCC-437	3/4" x 3/8"
GFCC-438	3/4" x 1/2"
GFCC-459	1" x 1/4"
GFCC-440	1" x 3/8"
GFCC-441	1" x 1/2"
GFCC-442	1" x 3/4"
GFCC-445	1 1/4" x 3/4"
GFCC-446	1 1/4" x 1"
GFCC-449	1 1/2" x 1"
GFCC-450	1 1/2" x 1 1/4"
GFCC-453	2" x 1 1/4"
GFCC-454	2" x 1 1/2"
GFCC-461	2 1/2" x 1 1/2"
GFCC-462	2 1/2" x 2"
GFCC-456	3" x 2"
GFCC-463	3" x 2 1/2"

HEX BUSHING

MODEL	MNPT X FNPT
GFCC-500	1/4" x 1/8"
GFCC-501	3/8" x 1/8"
GFCC-502	3/8" x 1/4"
GFCC-503	1/2" x 1/8"
GFCC-504	1/2" x 1/4"
GFCC-505	1/2" x 3/8"
GFCC-506	3/4" x 1/8"
GFCC-507	3/4" x 1/4"
GFCC-508	3/4" x 3/8"
GFCC-509	3/4" x 1/2"
GFCC-510	1" x 1/4"
GFCC-511	1" x 3/8"
GFCC-512	1" x 1/2"
GFCC-513	1" x 3/4"
GFCC-517	1 1/4" x 3/4"
GFCC-518	1 1/4" x 1"
GFCC-523	1 1/2" x 1"
GFCC-524	1 1/2" x 1 1/4"
GFCC-529	2" x 1"
GFCC-530	2" x 1 1/4"
GFCC-531	2" x 1 1/2"
GFCC-534	2 1/2" x 1 1/2"
GFCC-535	2 1/2" x 2"
GFCC-537	3" x 1 1/2"
GFCC-538	3" x 2"
GFCC-539	3" x 2 1/2"

CROSSES

MODEL	FNPT
GFCC-390	1/8"
GFCC-391	1/4"
GFCC-392	3/8"
GFCC-393	1/2"
GFCC-394	3/4"
GFCC-395	1"
GFCC-396	1 1/4"
GFCC-397	1 1/2"
GFCC-398	2"

SQUARE HEAD PLUGS

MODEL	MNPT
GFCC-651	1/4"
GFCC-652	3/8"
GFCC-653	1/2"
GFCC-654	3/4"
GFCC-655	1"
GFCC-656	1 1/4"
GFCC-657	1 1/2"
GFCC-658	2"
GFCC-659	2 1/2"
GFCC-660	3"

90° FEMALE ELBOW

MODEL	FNPT
GFCC-100	1/8"
GFCC-101	1/4"
GFCC-102	3/8"
GFCC-103	1/2"
GFCC-104	3/4"
GFCC-105	1"
GFCC-106	1 1/4"
GFCC-107	1 1/2"
GFCC-108	2"
GFCC-109	2 1/2"
GFCC-110	3"

90° STREET ELBOW

MODEL	FNPT x MNPT
GFCC-160	1/8"
GFCC-161	1/4"
GFCC-162	3/8"
GFCC-163	1/2"
GFCC-164	3/4"
GFCC-165	1"
GFCC-166	1 1/4"
GFCC-167	1 1/2"
GFCC-168	2"
GFCC-169	2 1/2"
GFCC-170	3"

LATERAL "Y" (BLACK IRON)


MODEL	FNPT
GFCC-963	1/2"
GFCC-964	3/4"
GFCC-965	1"
GFCC-966	1 1/4"
GFCC-967	1 1/2"
GFCC-968	2"

Additional galvanized & black iron fittings available. If you don't see the size you're looking for, Please email us.

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1/8" GALVANIZED NIPPLES

	MODEL	DESCRIPTION
	GCFT-001	3/4" LENGTH
	GCFT-003	2" LENGTH
	GCFT-005	3" LENGTH
	GCFT-007	4" LENGTH
	GCFT-009	5" LENGTH
	GCFT-011	6" LENGTH
	GCFT-013	8" LENGTH


1/4" GALVANIZED NIPPLES

	MODEL	DESCRIPTION
	GCFT-020	7/8" LENGTH
	GCFT-022	2" LENGTH
	GCFT-024	3" LENGTH
	GCFT-026	4" LENGTH
	GCFT-030	6" LENGTH
	GCFT-032	8" LENGTH
	GCFT-034	10" LENGTH
GCFT-036	12" LENGTH	


3/8" GALVANIZED NIPPLES

	MODEL	DESCRIPTION
	GCFT-040	1" LENGTH
	GCFT-042	2" LENGTH
	GCFT-044	3" LENGTH
	GCFT-046	4" LENGTH
	GCFT-050	6" LENGTH
	GCFT-052	8" LENGTH
GCFT-054	10" LENGTH	
GCFT-056	12" LENGTH	

1/2" GALVANIZED NIPPLES

	MODEL	DESCRIPTION
	GCFT-060	1 1/8" LENGTH
	GCFT-062	2" LENGTH
	GCFT-064	3" LENGTH
	GCFT-066	4" LENGTH
	GCFT-070	6" LENGTH
	GCFT-072	8" LENGTH
	GCFT-074	10" LENGTH
	GCFT-076	12" LENGTH
	GCFT-240	18" LENGTH

3/4" GALVANIZED NIPPLES

	MODEL	DESCRIPTION
	GCFT-080	1 3/8" LENGTH
	GCFT-082	2" LENGTH
	GCFT-084	3" LENGTH
	GCFT-086	4" LENGTH
	GCFT-090	6" LENGTH
	GCFT-092	8" LENGTH
	GCFT-094	10" LENGTH
	GCFT-096	12" LENGTH
	GCFT-250	18" LENGTH

1" GALVANIZED NIPPLES

	MODEL	DESCRIPTION
	GCFT-100	1 1/2" LENGTH
	GCFT-101	2" LENGTH
	GCFT-103	3" LENGTH
	GCFT-105	4" LENGTH
	GCFT-109	6" LENGTH
	GCFT-111	8" LENGTH
	GCFT-113	10" LENGTH
	GCFT-115	12" LENGTH
	GCFT-260	18" LENGTH


1 1/4" GALVANIZED NIPPLES

	MODEL	DESCRIPTION
	GCFT-120	1 5/8" LENGTH
	GCFT-123	3" LENGTH
	GCFT-125	4" LENGTH
	GCFT-129	6" LENGTH
	GCFT-131	8" LENGTH
	GCFT-133	10" LENGTH
GCFT-135	12" LENGTH	

1 1/2" GALVANIZED NIPPLES

	MODEL	DESCRIPTION
	GCFT-140	1 3/4" LENGTH
	GCFT-143	3" LENGTH
	GCFT-145	4" LENGTH
	GCFT-149	6" LENGTH
	GCFT-151	8" LENGTH
	GCFT-153	10" LENGTH
GCFT-155	12" LENGTH	

2" GALVANIZED NIPPLES

	MODEL	DESCRIPTION
	GCFT-160	2" LENGTH
	GCFT-162	3" LENGTH
	GCFT-164	4" LENGTH
	GCFT-168	6" LENGTH
	GCFT-170	8" LENGTH
	GCFT-172	10" LENGTH
GCFT-174	12" LENGTH	

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SWIVEL FITTINGS

MALE x FEMALE SWIVEL ADAPTER



MODEL	MNPT SIZE	FEMALE NPSM
SWVL-001	1/8"	1/8"
SWVL-002	1/4"	1/8"
SWVL-003	1/4"	1/4"
SWVL-004	1/4"	3/8"
SWVL-005	3/8"	1/4"
SWVL-006	3/8"	3/8"
SWVL-007	3/8"	1/2"
SWVL-008	1/2"	1/4"
SWVL-009	1/2"	3/8"
SWVL-010	1/2"	1/2"
SWVL-011	1/2"	3/4"
SWVL-012	3/4"	3/8"
SWVL-013	3/4"	1/2"
SWVL-014	3/4"	3/4"
SWVL-015	3/4"	1"
SWVL-016	1"	3/4"
SWVL-017	1"	1"
SWVL-018	1"	1 1/4"
SWVL-019	1 1/4"	1"
SWVL-020	1 1/4"	1 1/4"
SWVL-021	1 1/4"	1 1/2"
SWVL-022	1 1/2"	1 1/2"
SWVL-023	2"	2"

MALE x FEMALE 90° SWIVEL ELBOW




MODEL	MNPT SIZE	FEMALE NPSM
SWVL-043	1/8"	1/8"
SWVL-044	1/8"	1/4"
SWVL-045	1/4"	1/8"
SWVL-046	1/4"	1/4"
SWVL-047	1/4"	3/8"
SWVL-048	1/4"	1/2"
SWVL-049	3/8"	1/4"
SWVL-050	3/8"	3/8"
SWVL-051	3/8"	3/4"
SWVL-052	1/2"	1/4"
SWVL-053	1/2"	3/8"
SWVL-054	1/2"	1/2"
SWVL-056	3/4"	1/2"
SWVL-057	3/4"	3/4"
SWVL-058	3/4"	1"
SWVL-059	1"	1/2"
SWVL-060	1"	3/4"
SWVL-061	1"	1"
SWVL-062	1 1/4"	1"
SWVL-063	1 1/4"	1 1/4"
SWVL-064	2"	2"

MALE x FEMALE 45° SWIVEL ELBOW



MODEL	MNPT SIZE	FEMALE NPSM
SWVL-083	1/8"	1/8"
SWVL-084	1/4"	1/4"
SWVL-085	1/4"	3/8"
SWVL-086	3/8"	1/4"
SWVL-087	3/8"	3/8"
SWVL-088	3/8"	1/2"
SWVL-089	1/2"	1/4"
SWVL-090	1/2"	3/8"
SWVL-091	1/2"	1/2"
SWVL-092	1/2"	3/4"
SWVL-093	3/4"	1/2"
SWVL-094	3/4"	3/4"
SWVL-095	3/4"	1"
SWVL-096	1"	3/4"
SWVL-097	1"	1"
SWVL-099	1 1/4"	1"
SWVL-100	1 1/4"	1 1/4"

FEMALE x FEMALE SWIVEL ADAPTER




MODEL	FNPT SIZE	FEMALE NPSM
SWVL-024	1/8"	1/8"
SWVL-025	1/4"	1/8"
SWVL-026	1/4"	1/4"
SWVL-028	3/8"	1/4"
SWVL-029	3/8"	3/8"
SWVL-030	3/8"	1/2"
SWVL-031	1/2"	1/4"
SWVL-033	1/2"	1/2"
SWVL-034	1/2"	3/4"
SWVL-035	3/4"	1/2"
SWVL-036	3/4"	3/4"
SWVL-037	3/4"	1"
SWVL-038	1"	3/4"
SWVL-039	1"	1"
SWVL-040	1 1/4"	1 1/4"
SWVL-041	1 1/2"	1 1/2"
SWVL-042	2"	2"

FEMALE x FEMALE 90° SWIVEL ELBOW




MODEL	FNPT SIZE	FEMALE NPSM
SWVL-065	1/8"	1/8"
SWVL-066	1/8"	1/4"
SWVL-067	1/4"	1/8"
SWVL-068	1/4"	1/4"
SWVL-069	1/4"	3/8"
SWVL-071	3/8"	1/4"
SWVL-072	3/8"	3/8"
SWVL-073	3/8"	1/2"
SWVL-075	1/2"	3/8"
SWVL-076	1/2"	1/2"
SWVL-077	1/2"	3/4"
SWVL-078	3/4"	1/2"
SWVL-079	3/4"	3/4"
SWVL-080	1"	1"
SWVL-081	1 1/4"	1 1/4"
SWVL-082	1 1/2"	1 1/2"

FEMALE EQUAL SWIVEL TEE




MODEL	FEMALE SIZE
SWVL-118	1/4"
SWVL-119	3/8"
SWVL-120	1/2"
SWVL-121	3/4"
SWVL-122	1"

FEMALE 45° SWIVEL ELBOW



MODEL	FNPT SIZE	FEMALE NPSM
SWVL-101	1/8"	1/8"
SWVL-102	1/4"	1/4"
SWVL-103	3/8"	3/8"
SWVL-104	1/2"	1/2"
SWVL-105	3/4"	3/4"
SWVL-106	1"	1"

MALE BRANCH SWIVEL TEE




MODEL	(1x2) FEMALE x 3 - MNPT
SWVL-107	(1/8" x 1/8") x 1/8"
SWVL-108	(1/4" x 1/4") x 1/4"
SWVL-109	(3/8" x 3/8") x 3/8"
SWVL-110	(1/2" x 1/2") x 1/2"
SWVL-111	(3/4" x 3/4") x 3/4"
SWVL-112	(1" x 1") x 1"


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45° SAE FLARE 90° BRASS SWIVEL ELBOW

	MODEL	MALE FLARE	FEMALE FLARE
	SWVL-163	1/4"	1/4"
SWVL-164	3/8"	3/8"	
SWVL-165	1/2"	1/2"	
SWVL-166	5/8"	5/8"	
SWVL-167	3/4"	3/4"	


45° SAE BRASS FEMALE SWIVEL

	MODEL	SAE SIZE
	SWVL-154	1/4" FLARE
SWVL-155	5/16" FLARE	
SWVL-156	3/8" FLARE	
SWVL-157	1/2" SAE FLARE	
SWVL-158	5/8" FLARE	
SWVL-159	3/4" FLARE	
SWVL-160	3/8" x 1/4" REDUCING	
SWVL-161	1/2" x 3/8" REDUCING	
SWVL-162	5/8" x 1/2" REDUCING	


JIC x MNPT BRASS SWIVEL CONNECTOR

	MODEL	JIC SIZE	MNPT SIZE
	SWVL-168	7/16-20 JIC (1/4)	1/4"
SWVL-169	9/16-18 JIC (3/8)	1/4"	
SWVL-170	9/16-18 JIC (3/8)	3/8"	
SWVL-171	3/4-16 JIC (1/2)	1/2"	


FEMALE BRANCH SWIVEL TEE

	MODEL	(1x2) FEMALE x 3 - FNPT
	SWVL-113	(1/4" x 1/4") x 1/4"
SWVL-114	(3/8" x 3/8") x 3/8"	
SWVL-115	(1/2" x 1/2") x 1/2"	
SWVL-116	(3/4" x 3/4") x 3/4"	
SWVL-117	(1" x 1") x 1"	

JIC x FNPT SWIVEL

	MODEL	JIC SIZE	FNPT SIZE
	SWVL-123	7/16 - 20 JIC (1/4)	1/8"
SWVL-124	7/16 - 20 JIC (1/4)	1/4"	
SWVL-125	9/16 - 18 JIC (3/8)	1/4"	
SWVL-126	9/16 - 18 JIC (3/8)	3/8"	
SWVL-127	9/16 - 18 JIC (3/8)	1/2"	
SWVL-128	3/4 - 16 JIC (1/2)	3/8"	
SWVL-129	3/4 - 16 JIC (1/2)	1/2"	
SWVL-130	7/8 - 14 JIC (5/8)	3/8"	
SWVL-131	7/8 - 14 JIC (5/8)	1/2"	
SWVL-132	7/8 - 14 JIC (5/8)	3/4"	
SWVL-133	1 1/16 - 12 JIC (3/4)	1/2"	
SWVL-134	1 1/16 - 12 JIC (3/4)	3/4"	
SWVL-135	1 5/16 - 12 JIC (1)	1"	
SWVL-136	1 5/8 - 12 JIC (1 1/4")	1 1/4"	
SWVL-137	1 7/8 - 12 JIC (1 1/2)	1 1/2"	
SWVL-138	2 1/2 - 12 JIC (2)	2"	

JIC x MNPT SWIVEL CONNECTOR

	MODEL	JIC SIZE	MNPT SIZE
	SWVL-139	5/16 - 24 JIC (1/8)	1/4"
SWVL-140	7/16 - 20 JIC (1/4)	1/8"	
SWVL-141	7/16 - 20 JIC (1/4)	1/4"	
SWVL-142	7/16 - 20 JIC (1/4)	3/8"	
SWVL-144	9/16 - 18 JIC (3/8)	1/4"	
SWVL-145	9/16 - 18 JIC (3/8)	3/8"	
SWVL-146	3/4 - 16 JIC (1/2)	3/8"	
SWVL-147	3/4 - 16 JIC (1/2)	1/2"	
SWVL-148	7/8 - 14 JIC (5/8)	1/2"	
SWVL-149	1 1/16 - 12 JIC (3/4)	1/2"	
SWVL-150	1 1/16 - 12 JIC (3/4)	3/4"	
SWVL-151	1 5/16 - 12 JIC (1)	3/4"	
SWVL-152	1 5/16 - 12 JIC (1)	1"	
SWVL-153	1 7/8 - 12 JIC (1 1/2")	1 1/2"	

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BRASS COMPRESSION FITTINGS



NOT LEAD FREE

WARNING: This product can expose you to chemicals, including Lead. For more information, visit www.P65Warnings.ca.gov

COMMON APPLICATIONS:

Use with copper, aluminum and thermoplastic tubing. Manufactured for low and medium pressure tubing connection work where excessive vibration or tube movement is not involved. Not recommended for application using gaseous media or steel tubing

TEMP RANGE:

-650°F to +2500°F (-530°C to +1210°C)

USAGE:

Aluminum, copper, brass and plastic tubing. Plastic tubing requires insert.

VIBRATION:

Fair resistance – use long nut when greater resistance is needed

CONFORMANCE:

Meets specifications and standards of ASA, ASME and SAE

LIGHT PATTERN:

L" at end of Part # are interchangeable with full pattern fittings. Pipe threads may have been modified for use in plumbing and light industrial applications

73° OPERATING PRESSURE									
TUBE OD	1/8	3/16	1/4	5/16	3/8	7/16	5/8	3/4	7/8
THREAD SIZE – B	5/16 – 24	3/8 – 24	7/16 – 24	1/2 – 24	9/16 – 24	5/8 – 24	13/16 – 18	1 – 18	1 1/8 – 18
WORKING PRESSURE	400	400	300	300	200	200	150	100	75

BRASS SLEEVE / FERRULE



MODEL	FERRULE
BCC-001	1/8"
BCC-002	3/16"
BCC-003	1/4"
BCC-004	5/16"
BCC-005	3/8"
BCC-006	7/16"
BCC-007	1/2"
BCC-008	5/8"
BCC-009	3/4"
BCC-010	7/8"
BCC-011	1"

BRASS NUT



MODEL	FERRULE
BCC-033	1/8"
BCC-034	3/16"
BCC-035	1/4"
BCC-036	5/16"
BCC-037	3/8"
BCC-038	7/16"
BCC-039	1/2"
BCC-040	5/8"
BCC-041	3/4"
BCC-042	7/8"
BCC-043	1"

ASSEMBLY

- Cut tubing to desired length
- Slide nut before sleeve on tube (face threaded end toward fitting)
- Insert tubing into fitting (bottom tubing on fitting shoulder)
- Lubricate threads and assemble nut to fitting body
- Tighten nut by hand before using wrench to tighten as indicated:

TUBE SIZE	WRENCH TURNS (after hand-tight)
1/8" – 1/4"	1 1/4 TURNS
5/16"	1 3/4 TURNS
3/8" – 1"	2 1/4 TURNS

BRASS INSERTS



MODEL	INSERT
BCC-008-22	1/8"
BCC-009-22	3/16"
BCC-010-22	1/4"
BCC-011-22	5/16"
BCC-012-22	3/8"
BCC-013-22	1/2"
BCC-014-11	5/8"
BCC-015-22	3/4"

COMPRESSION UNION



MODEL	COMPRESSION
BCC-062	1/8"
BCC-063	3/16"
BCC-064	1/4"
BCC-065	5/16"
BCC-066	3/8"
BCC-067	7/16"
BCC-068	1/2"
BCC-069	5/8"
BCC-070	3/4"
BCC-071	7/8"
BCC-072	1"

BRASS PLUG




MODEL	INSERT
BCC-028	1/4"
BCC-029	3/8"
BCC-032	5/16"
BCC-030	1/2"
BCC-031	5/8"

BRASS END CAP




MODEL	NUT SIZE
BCC-047	1/4"
BCC-048	3/8"
BCC-049	1/2"
BCC-050	5/8"

REDUCING UNION




MODEL	COMPRESSION
BCC-076	1/4" x 1/8"
BCC-077	1/4" x 3/16"
BCC-078	5/16" x 1/4"
BCC-079	3/8" x 1/4"
BCC-080	3/8" x 5/16"
BCC-081	1/2" x 3/8"
BCC-082	5/8" x 3/8"
BCC-083	5/8" x 1/2"
BCC-085	7/8" x 3/8"
BCC-084	7/8" x 5/8"

COMPRESSION x MNPT ADAPTER




MODEL	COMPRESSION	MNPT
BCC-175	1/8"	1/16"
BCC-176	1/8"	1/8"
BCC-177	3/16"	1/8"
BCC-178	3/16"	1/4"
BCC-179	1/4"	1/8"
BCC-180	1/4"	1/4"
BCC-181	1/4"	3/8"
BCC-182	1/4"	1/2"
BCC-183	5/16"	1/8"
BCC-184	5/16"	1/4"
BCC-185	5/16"	3/8"
BCC-186	5/16"	1/2"
BCC-187	3/8"	1/8"
BCC-188	3/8"	1/4"
BCC-189	3/8"	3/8"
BCC-190	3/8"	1/2"
BCC-191	3/8"	3/4"
BCC-192	7/16"	1/4"
BCC-204	7/16"	3/8"
BCC-193	1/2"	1/4"
BCC-194	1/2"	3/8"
BCC-195	1/2"	1/2"
BCC-196	1/2"	3/4"
BCC-216	5/8"	1/4"
BCC-197	5/8"	3/8"
BCC-198	5/8"	1/2"
BCC-199	5/8"	3/4"
BCC-200	3/4"	1/2"
BCC-201	3/4"	3/4"
BCC-202	7/8"	1/2"
BCC-203	7/8"	3/4"
BCC-205	7/8"	1"
BCC-206	1"	3/4"
BCC-207	1"	1"

EQUAL TEE




MODEL	COMPRESSION
BCC-101	1/8"
BCC-102	3/16"
BCC-103	1/4"
BCC-104	5/16"
BCC-105	3/8"
BCC-106	1/2"
BCC-107	5/8"
BCC-108	3/4"
BCC-109	7/8"

MALE RUN TEE



MODEL	COMPRESSION	MNPT
BCC-272	1/8"	1/8"
BCC-273	3/16"	1/8"
BCC-274	1/4"	1/8"
BCC-275	1/4"	1/4"
BCC-276	5/16"	1/8"
BCC-277	5/16"	1/4"
BCC-278	3/8"	1/8"
BCC-279	3/8"	1/4"
BCC-280	3/8"	3/8"
BCC-281	1/2"	3/8"
BCC-282	1/2"	1/2"
BCC-283	5/8"	1/2"
BCC-284	3/4"	1/2"

REDUCING COMPRESSION TEE




MODEL	TOP TEE HEADER	BOTTOM STUD
BCC-114	1/4" x 1/4"	1/8"
BCC-110	1/4" x 1/4"	3/8"
BCC-111	3/8" x 1/4"	1/4"
BCC-115	3/8" x 3/8"	1/4"
BCC-116	1/2" x 1/2"	1/4"
BCC-117	1/2" x 1/2"	3/8"
BCC-118	5/8" x 5/8"	3/8"
BCC-119	5/8" x 5/8"	1/2"

45° MALE ELBOW




MODEL	COMPRESSION	MNPT
BCC-329	3/16"	1/8"
BCC-330	1/4"	1/8"
BCC-336	1/4"	1/4"
BCC-331	5/16"	1/8"
BCC-332	5/16"	1/4"
BCC-333	3/8"	1/4"
BCC-338	3/8"	3/8"
BCC-334	1/2"	3/8"
BCC-339	1/2"	1/2"
BCC-335	5/8"	1/2"

MALE BRANCH TEE



MODEL	COMPRESSION	MNPT
BCC-290	3/16" x 3/16"	1/8"
BCC-291	1/4" x 1/4"	1/8"
BCC-292	1/4" x 1/4"	1/4"
BCC-293	5/16" x 5/16"	1/8"
BCC-294	5/16" x 5/16"	1/4"
BCC-295	3/8" x 3/8"	1/8"
BCC-296	3/8" x 3/8"	1/4"
BCC-297	3/8" x 3/8"	3/8"
BCC-298	3/8" x 3/8"	1/2"
BCC-304	1/2" x 1/2"	1/4"
BCC-299	1/2" x 1/2"	3/8"
BCC-300	1/2" x 1/2"	1/2"
BCC-301	5/8" x 5/8"	1/2"
BCC-302	3/4" x 3/4"	1/2"
BCC-303	3/4" x 3/4"	3/4"

FEMALE BRANCH TEE




MODEL	COMPRESSION	FNPT
BCC-321	1/4"	1/8"
BCC-328	1/4"	1/4"
BCC-325	3/8"	1/8"
BCC-322	3/8"	1/4"
BCC-323	3/8"	3/8"
BCC-326	1/2"	1/8"
BCC-324	1/2"	3/8"
BCC-327	5/8"	1/8"

90° REDUCING ELBOW



MODEL	COMPRESSION
BCC-135	3/8" x 1/4"
BCC-136	1/2" x 3/8"
BCC-137	5/8" x 3/8"

90° ELBOW




MODEL	COMPRESSION
BCC-122	1/8"
BCC-123	3/16"
BCC-124	1/4"
BCC-125	5/16"
BCC-126	3/8"
BCC-127	1/2"
BCC-128	5/8"
BCC-129	3/4"
BCC-130	7/8"

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BRASS COMPRESSION & CAPTIVE SLEEVE FITTINGS

COMPRESSION x FNPT 90° ELBOW




MODEL	COMPRESSION	FNPT
BCC-251	1/8"	1/8"
BCC-252	3/16"	1/8"
BCC-253	1/4"	1/8"
BCC-254	1/4"	1/4"
BCC-267	1/4"	3/8"
BCC-268	1/4"	1/2"
BCC-255	5/16"	1/8"
BCC-256	5/16"	1/4"
BCC-257	3/8"	1/8"
BCC-258	3/8"	1/4"
BCC-259	3/8"	3/8"
BCC-260	3/8"	1/2"
BCC-250	3/8"	3/4"
BCC-261	1/2"	1/4"
BCC-262	1/2"	3/8"
BCC-263	1/2"	1/2"
BCC-270	1/2"	3/4"
BCC-269	5/8"	3/8"
BCC-264	5/8"	1/2"
BCC-265	5/8"	3/4"
BCC-266	3/4"	1/2"

COMPRESSION x FNPT ADAPTER




MODEL	COMPRESSION	FNPT
BCC-142	1/8"	1/8"
BCC-143	3/16"	1/8"
BCC-144	3/16"	1/4"
BCC-145	1/4"	1/8"
BCC-146	1/4"	1/4"
BCC-148	1/4"	1/2"
BCC-149	5/16"	1/8"
BCC-150	5/16"	1/4"
BCC-151	5/16"	3/8"
BCC-152	3/8"	1/8"
BCC-153	3/8"	1/4"
BCC-154	3/8"	3/8"
BCC-155	3/8"	1/2"
BCC-156	3/8"	3/4"
BCC-157	1/2"	1/4"
BCC-158	1/2"	3/8"
BCC-159	1/2"	1/2"
BCC-160	1/2"	3/4"
BCC-161	5/8"	3/8"
BCC-162	5/8"	1/2"
BCC-163	5/8"	3/4"
BCC-164	3/4"	1/2"
BCC-165	3/4"	3/4"
BCC-167	7/8"	1/2"
BCC-166	7/8"	3/4"

COMP x MNPT 90° ELBOW




MODEL	COMPRESSION	MNPT
BCC-219	1/8"	1/16"
BCC-220	1/8"	1/8"
BCC-221	3/16"	1/8"
BCC-223	3/16"	1/4"
BCC-224	1/4"	1/8"
BCC-225	1/4"	1/4"
BCC-226	1/4"	3/8"
BCC-227	1/4"	1/2"
BCC-228	5/16"	1/8"
BCC-229	5/16"	1/4"
BCC-230	5/16"	3/8"
BCC-231	5/16"	1/2"
BCC-232	3/8"	1/8"
BCC-233	3/8"	1/4"
BCC-234	3/8"	3/8"
BCC-235	3/8"	1/2"
BCC-248	3/8"	3/4"
BCC-247	7/16"	1/4"
BCC-236	1/2"	1/4"
BCC-237	1/2"	3/8"
BCC-238	1/2"	1/2"
BCC-239	1/2"	3/4"
BCC-240	5/8"	3/8"
BCC-241	5/8"	1/2"
BCC-242	5/8"	3/4"
BCC-243	3/4"	1/2"
BCC-245	3/4"	3/4"
BCC-246	7/8"	3/4"

CAPTIVE SLEEVE MALE BRANCH TEE




MODEL	COMPRESSION	BRANCH, MNPT
CSN-291	1/4"	1/8"
CSN-292	1/4"	1/4"
CSN-293	5/16"	1/8"
CSN-296	3/8"	1/4"

CAPTIVE SLEEVE 90° MALE ELBOW




MODEL	COMPRESSION	MNPT
CSN-220	1/8"	1/8"
CSN-221	3/16"	1/8"
CSN-223	3/16"	1/4"
CSN-224	1/4"	1/8"
CSN-225	1/4"	1/4"
CSN-226	1/4"	3/8"
CSN-228	5/16"	1/8"
CSN-229	5/16"	1/4"
CSN-232	3/8"	1/8"
CSN-233	3/8"	1/4"
CSN-234	3/8"	3/8"
CSN-236	1/2"	1/4"
CSN-237	1/2"	3/8"
CSN-238	1/2"	1/2"

CAPTIVE SLEEVE FITTING




MODEL	COMPRESSION
CSN-062	1/8"
CSN-063	3/16"
CSN-064	1/4"
CSN-065	5/16"
CSN-066	3/8"
CSN-079	3/8" x 1/4"
CSN-068	1/2"
CSN-069	5/8"

CAPTIVE SLEEVE MALE ADAPTER




MODEL	COMPRESSION	MNPT
CSN-175	1/8"	1/16"
CSN-176	1/8"	1/8"
CSN-177	3/16"	1/8"
CSN-178	3/16"	1/4"
CSN-179	1/4"	1/8"
CSN-180	1/4"	1/4"
CSN-181	1/4"	3/8"
CSN-182	1/4"	1/2"
CSN-183	5/16"	1/8"
CSN-184	5/16"	1/4"
CSN-185	5/16"	3/8"
CSN-187	3/8"	1/8"
CSN-188	3/8"	1/4"
CSN-189	3/8"	3/8"
CSN-190	3/8"	1/2"
CSN-193	1/2"	1/4"
CSN-194	1/2"	3/8"
CSN-195	1/2"	1/2"
CSN-198	5/8"	1/2"

CAPTIVE SLEEVE FEMALE ADAPTER




MODEL	COMPRESSION	FNPT
CSN-142	1/8"	1/8"
CSN-145	1/4"	1/8"
CSN-146	1/4"	1/4"
CSN-153	3/8"	1/4"

CAPTIVE SLEEVE EQUAL TEE



MODEL	COMPRESSION
CSN-102	3/16"
CSN-103	1/4"
CSN-105	3/8"

CAPTIVE SLEEVE NUT



MODEL	COMPRESSION
CSN-001	1/8"
CSN-002	3/16"
CSN-003	1/4"
CSN-004	5/16"
CSN-005	3/8"
CSN-007	1/2"
CSN-008	5/8"

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OPERATING PRESSURE:

150 PSI maximum

TEMPERATURE RANGE:

From -40°F to +160°F

TOLERANCE:

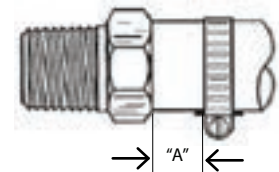
+/- .02 on all dimensions. Dimension Data can change without notice. Contact us when dimensions are critical

NOTE:

These fittings are intended for use with hose clamp, similar type clamp or crimped ferrule

ASSEMBLY

- Cleanly & squarely cut hose to desired length
- Slide clamp on hose
- Lubricate hose
- Push hose on fitting until hose bottoms against stop ring or hex
- Secure hose clamp as shown in diagram (maintain "A" dimensions for proper clamp positioning)



HOSE SIZE	WIDTH OF "A"
3/16"	1/4"
1/4"	1/4"
5/16"	1/4"
3/8"	1/8"
1/2"	1/8"
5/8"	1/8"
3/4"	1/8"

MALE SWIVEL HOSE BARB

MODEL	BARB	MNPT
BBCC-329	3/16"	1/8"
BBCC-331	3/16"	1/4"
BBCC-332	1/4"	1/8"
BBCC-349	1/4"	1/4"
BBCC-351	3/8"	1/8"
BBCC-201	3/8"	1/4"
BBCC-360	3/8"	3/8"
BBCC-355	1/2"	3/8"
BBCC-356	1/2"	1/2"
BBCC-357	3/4"	3/4"
BBCC-386	1"	1"

FEMALE SWIVEL HOSE BARB

MODEL	BARB	FNPT
BBCC-470	1/4"	1/4"
BBCC-472	3/8"	1/4"
BBCC-473	3/8"	3/8"
BBCC-475	1/2"	3/8"
BBCC-476	1/2"	1/2"

BARB TEES

MODEL	BARB 1 & 2	BARB 3
BBCC-367	1/8"	1/8"
BBCC-368	3/16"	3/16"
BBCC-365	1/4"	1/4"
BBCC-350	1/4"	1/8"
BBCC-366	5/16"	5/16"
BBCC-126	3/8"	3/8"
BBCC-400	1/2"	1/2"
BBCC-352	1/2"	3/8"
BBCC-361	5/8"	5/8"
BBCC-363	3/4"	3/4"
BBCC-353	3/4"	1/2"

MALE HEX SWIVEL HOSE BARB

MODEL	BARB	MNPT
BBCC-200	1/4"	1/4"
BBCC-202	3/8"	3/8"
BBCC-781	3/8"	1/4"

90° ELBOW

MODEL	BARB
BBCC-429	1/8" x 1/8"
BBCC-433	3/16" x 3/16"
BBCC-412	1/4" x 1/8"
BBCC-413	1/4" x 1/4"
BBCC-425	5/16" x 5/16"
BBCC-414	3/8" x 1/8"
BBCC-415	3/8" x 1/4"
BBCC-416	3/8" x 3/8"
BBCC-417	3/8" x 1/2"
BBCC-418	1/2" x 1/4"
BBCC-419	1/2" x 3/8"
BBCC-420	1/2" x 1/2"
BBCC-434	5/8" x 5/8"
BBCC-435	3/4" x 1/2"
BBCC-436	3/4" x 3/4"

90° FNPT BARB


MODEL	BARB x FNPT
BBCC-401	1/4" x 1/8"
BBCC-402	1/4" x 1/4"
BBCC-403	3/8" x 1/8"
BBCC-404	3/8" x 1/4"
BBCC-405	3/8" x 3/8"
BBCC-406	3/8" x 1/2"
BBCC-407	1/2" x 1/4"
BBCC-410	1/2" x 3/8"
BBCC-411	1/2" x 1/2"
BBCC-409	3/4" x 3/4"

CROSSES

MODEL	BARB
BBCC-608	1/4"
BBCC-609	5/16"
BBCC-610	3/8"


BRASS HOSE BARBS

RIGID MALE HOSE BARB




MODEL	BARB	MNPT
BBCC-001	1/8"	1/8"
BBCC-027	1/8"	1/4"
BBCC-002	3/16"	1/8"
BBCC-003	3/16"	1/4"
BBCC-004	1/4"	1/8"
BBCC-005	1/4"	1/4"
BBCC-006	1/4"	3/8"
BBCC-007	1/4"	1/2"
BBCC-008	5/16"	1/8"
BBCC-009	5/16"	1/4"
BBCC-010	5/16"	3/8"
BBCC-011	3/8"	1/8"
BBCC-012	3/8"	1/4"
BBCC-013	3/8"	3/8"
BBCC-014	3/8"	1/2"
BBCC-026	3/8"	3/4"
BBCC-302	1/2"	1/8"
BBCC-015	1/2"	1/4"
BBCC-016	1/2"	3/8"
BBCC-017	1/2"	1/2"
BBCC-018	1/2"	3/4"
BBCC-303	1/2"	1"
BBCC-304	5/8"	1/4"
BBCC-019	5/8"	3/8"
BBCC-020	5/8"	1/2"
BBCC-021	5/8"	3/4"
BBCC-305	5/8"	1"
BBCC-306	3/4"	3/8"
BBCC-022	3/4"	1/2"
BBCC-023	3/4"	3/4"
BBCC-316	3/4"	1"
BBCC-307	1"	1/2"
BBCC-024	1"	3/4"
BBCC-025	1"	1"
BBCC-029	1 1/4"	3/4"
BBCC-028	1 1/4"	1"

DUAL 45°/37° FLARE SWIVEL



MODEL	HOSE ID	HOSE FLARE	THREAD
BBCC-107	3/16"	1/4"	7/16-20
BBCC-337	1/4"	1/4"	7/16-20
BBCC-102	1/4"	5/16"	1/2-20
BBCC-339	5/16"	5/16"	1/2-20
BBCC-340	3/8"	1/2"	3/4-16
BBCC-341	1/2"	1/2"	3/4-16
BBCC-342	1/2"	5/8"	7/8-14
BBCC-394	5/8"	5/8"	7/8-14

RIGID FEMALE HOSE BARB




MODEL	BARB	FNPT
BBCC-050	1/8"	1/8"
BBCC-317	1/8"	1/4"
BBCC-051	3/16"	1/8"
BBCC-062	3/16"	1/4"
BBCC-052	1/4"	1/8"
BBCC-053	1/4"	1/4"
BBCC-054	1/4"	3/8"
BBCC-441	1/4"	1/2"
BBCC-055	5/16"	1/8"
BBCC-056	5/16"	1/4"
BBCC-318	5/16"	3/8"
BBCC-320	5/16"	1/2"
BBCC-057	3/8"	1/8"
BBCC-058	3/8"	1/4"
BBCC-059	3/8"	3/8"
BBCC-063	3/8"	1/2"
BBCC-442	3/8"	3/4"
BBCC-449	1/2"	1/8"
BBCC-064	1/2"	1/4"
BBCC-060	1/2"	3/8"
BBCC-061	1/2"	1/2"
BBCC-443	1/2"	3/4"
BBCC-444	5/8"	3/8"
BBCC-445	5/8"	1/2"
BBCC-446	5/8"	3/4"
BBCC-447	3/4"	1/2"
BBCC-065	3/4"	3/4"
BBCC-049	1"	3/4"
BBCC-321	1"	1"
BBCC-448	1 1/4"	1"

45° MNPT BARB



MODEL	BARB x MNPT
BBCC-110	1/4" x 1/8"
BBCC-109	1/4" x 1/4"
BBCC-111	3/8" x 1/8"
BBCC-112	3/8" x 1/4"
BBCC-113	3/8" x 3/8"
BBCC-346	1/2" x 1/4"
BBCC-114	1/2" x 3/8"
BBCC-116	1/2" x 1/2"
BBCC-115	5/8" x 3/8"
BBCC-345	3/4" x 1/2"

MENDER / SPLICER




MODEL	BARB
BBCC-091	1/8"
BBCC-092	3/16"
BBCC-093	1/4"
BBCC-079	1/4" x 1/8"
BBCC-094	5/16"
BBCC-090	5/16" x 1/4"
BBCC-095	3/8"
BBCC-960	3/8" x 1/8"
BBCC-961	3/8" x 3/16"
BBCC-080	3/8" x 1/4"
BBCC-375	3/8" x 5/16"
BBCC-096	1/2"
BBCC-087	1/2" x 3/8"
BBCC-097	5/8"
BBCC-088	5/8" x 3/8"
BBCC-376	5/8" x 1/2"
BBCC-098	3/4"
BBCC-089	3/4" x 1/2"
BBCC-379	3/4" x 5/8"
BBCC-380	1" x 3/4"
BBCC-099	1"

REUSABLE MALE FITTINGS



MODEL	HOSE ID	HOSE OD	MNPT
BBCC-727	1/4"	1/2"	1/4"
BBCC-728	1/4"	9/16"	1/4"
BBCC-726	1/4"	5/8"	1/4"
BBCC-741	5/16"	5/8"	1/4"
BBCC-742	3/8"	5/8"	1/4"
BBCC-744	3/8"	11/16"	1/4"
BBCC-725	3/8"	3/4"	1/4"
BBCC-747	3/8"	5/8"	3/8"
BBCC-750	3/8"	11/16"	3/8"
BBCC-746	1/2"	7/8"	1/2"

MALE SWIVEL STEM FITTINGS



MODEL	HOSE ID	MALE NPT
BBCC-758	1/4"	1/4"
BBCC-759	3/8"	1/4"
BBCC-760	3/8"	3/8"
BBCC-761	1/2"	1/2"

FERRULES




MODEL	HOSE ID	HOSE OD
BBCC-749	1/4"	1/2"
BBCC-751	1/4"	9/16"
BBCC-752	1/4"	5/8"
BBCC-753	3/8"	5/8"
BBCC-754	3/8"	11/16"
BBCC-755	3/8"	3/4"
BBCC-756	1/2"	7/8"

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90° MNPT BARB




MODEL	BARB x MNPT
BBCC-308	3/16" x 1/8"
BBCC-391	3/16" x 1/4"
BBCC-038	1/4" x 1/8"
BBCC-039	1/4" x 1/4"
BBCC-309	1/4" x 3/8"
BBCC-036	5/16" x 1/8"
BBCC-040	5/16" x 1/4"
BBCC-310	5/16" x 3/8"
BBCC-046	3/8" x 1/8"
BBCC-041	3/8" x 1/4"
BBCC-042	3/8" x 3/8"
BBCC-047	3/8" x 1/2"
BBCC-048	1/2" x 1/4"
BBCC-043	1/2" x 3/8"
BBCC-311	1/2" x 1/2"
BBCC-044	5/8" x 3/8"
BBCC-045	5/8" x 1/2"
BBCC-312	5/8" x 3/4"
BBCC-313	3/4" x 1/2"
BBCC-314	3/4" x 3/4"
BBCC-330	3/4" x 1"
BBCC-315	1" x 3/4"
BBCC-319	1" x 1"

45° SAE FLARE ADAPTER



MODEL	HOSE ID	HOSE FLARE	THREAD
BBCC-322	3/16"	1/4"	7/16-20
BBCC-081	1/4"	1/4"	7/16-20
BBCC-082	1/4"	3/8"	5/8-18
BBCC-083	5/16"	5/16"	1/2-20
BBCC-084	3/8"	3/8"	5/8-18
BBCC-085	3/8"	1/2"	3/4-16
BBCC-086	1/2"	1/2"	3/4-16

MENDER / SPLICER




MODEL	BARB
BBPO-300	1/4"
BBPO-305	5/16"
BBPO-301	3/8"
BBPO-302	1/2"
BBPO-303	5/8"
BBPO-304	3/4"
BBPO-306	1"

RIGID MALE BSPT BARB ADAPTER




MODEL	BARB	BSPT
BBCC-450	1/4"	1/8"
BBCC-451	1/4"	1/4"
BBCC-452	3/8"	1/4"
BBCC-453	3/8"	3/8"
BBCC-454	3/8"	1/2"
BBCC-455	1/2"	3/8"
BBCC-456	1/2"	1/2"
BBCC-457	3/4"	3/4"
BBCC-458	1"	1"

RIGID MALE PUSH ON BARB




MODEL	BARB	MNPT
BBPO-200	1/4"	1/8"
BBPO-201	1/4"	1/4"
BBPO-211	1/4"	3/8"
BBPO-208	1/4"	1/2"
BBPO-212	5/16"	1/8"
BBPO-213	5/16"	1/4"
BBPO-202	3/8"	1/8"
BBPO-203	3/8"	1/4"
BBPO-204	3/8"	3/8"
BBPO-205	3/8"	1/2"
BBPO-392	3/8"	3/4"
BBPO-216	1/2"	1/4"
BBPO-206	1/2"	3/8"
BBPO-207	1/2"	1/2"
BBPO-217	1/2"	3/4"
BBPO-218	1/2"	1"
BBPO-219	5/8"	3/8"
BBPO-209	5/8"	1/2"
BBPO-214	5/8"	3/4"
BBPO-215	3/4"	1/2"
BBPO-210	3/4"	3/4"
BBPO-238	1"	3/4"
BBPO-239	1"	1"

MALE SWIVEL PUSH ON BARB




MODEL	BARB	MNPT
BBPO-422	1/4"	1/8"
BBPO-385	1/4"	1/4"
BBPO-386	3/8"	1/4"
BBPO-387	3/8"	3/8"
BBPO-388	1/2"	3/8"
BBPO-389	1/2"	1/2"
BBPO-424	5/8"	1/2"

FEMALE SWIVEL




MODEL	HOSE ID	HOSE OD	FEMALE NPMS
BBCC-772	1/4"	1/2"	1/4"
BBCC-773	3/8"	5/8"	3/8"
BBCC-774	3/8"	11/16"	3/8"
BBCC-775	1/2"	7/8"	1/2"

FEMALE STEM FITTING



MODEL	HOSE ID	FEMALE NPMS
BBCC-770	1/4"	1/4" - 18
BBCC-771	3/8"	3/8" - 18

RIGID FEMALE PUSH ON BARB



MODEL	BARB	MNPT
BBPO-220	1/4"	1/8"
BBPO-221	1/4"	1/4"
BBPO-384	1/4"	3/8"
BBPO-222	5/16"	1/4"
BBPO-393	3/8"	1/8"
BBPO-224	3/8"	1/4"
BBPO-225	3/8"	3/8"
BBPO-394	3/8"	1/2"
BBPO-223	1/2"	1/4"
BBPO-226	1/2"	3/8"
BBPO-227	1/2"	1/2"
BBPO-396	1/2"	3/4"
BBPO-229	5/8"	1/2"
BBPO-399	3/4"	1/2"
BBPO-395	3/4"	3/4"
BBPO-400	1"	3/4"
BBPO-402	1"	1"

90° MALE PUSH ON BARB



MODEL	BARB	MNPT
BBPO-372	1/4"	1/8"
BBPO-373	1/4"	1/4"
BBPO-374	5/16"	1/8"
BBPO-375	5/16"	1/4"
BBPO-370	3/8"	1/8"
BBPO-371	3/8"	1/4"
BBPO-376	3/8"	3/8"
BBPO-377	3/8"	1/2"
BBPO-382	1/2"	3/8"
BBPO-378	1/2"	1/2"
BBPO-379	5/8"	1/2"
BBPO-381	3/4"	3/4"

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BRASS & COMPOSITE PUSH-IN CONNECT FITTINGS

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QUICK CONNECT:

Simply push tubing in, no tools. Saves up to 75% of assembly time compared to standard compression fittings

QUICK DISCONNECT: Hold two fingers on insert and pull tubing out, no tools required

REUSABLE:

Connect and Disconnect, numerous times

FULL FLOW DESIGN:

Provides up to 60% more flow area than conventional fittings with internal tube supports

POSITIVE SEAL:

No leaks. After tubing is inserted, seal is made

VERSATILE:

BunaN "O" Rings standard. Other material of "O" Rings are available

SECURE TUBE RETENTION:

Pulling on tubing tightens the connection

SELF CONTAINED ASSEMBLY:

No loose parts. Brass body and insert

CHOICES:

Convenient varieties of swivel, or economical elbows and tees

STRAIGHT CONNECTORS:

Have interior Allen Key hex for tight spaces. Wrench not needed

PRE-APPLIED TEFLON:

Based pipe sealant on all male pipe threads

METRIC SIZES:

Metric tubes sizes from 2mm through 12mm in standard NPT and Metric pipe sizes are available

WORKING PRESSURE:

Fittings suitable for use up to maximum working pressure of plastic tubing used

WORKING TEMPERATURE:

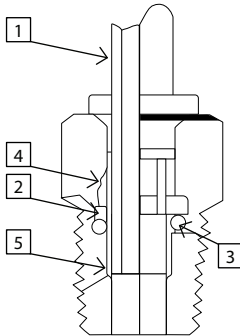
-10°F to 200°F (other ranges available upon request)

PIPE THREAD:

NPTF with Teflon[®]-based sealant pre-applied

TOLERANCE:

+/- .02 on all dimensions. Dimension data can change without notice. Contact us when dimensions are critical



- 1 Tubing is inserted into the fitting
- 2 Tubing passes through the gripping teeth
- 3 "O" Ring provides a leak-proof seal around the inserted tubing
- 4 The camming surface tightens its grip on the inserted tubing as pressure moves through the tubing, or the tubing is pulled
- 5 Inserted tubing bottoms against a positive tube-stop in a cavity to provide extra tubing support and prevent leakage

UNION TEE

	MODEL	TUBE OD
	PLDV-025	1/8"
	PLDV-026	5/32"
	PLDV-027	3/16"
	PLDV-028	1/4"
	PLDV-031	5/16"
	PLDV-029	3/8"
	PLDV-030	1/2"

FIXED MALE RUN TEE

	MODEL	TUBE OD	MNPT
	PLDV-095	1/8"	1/8"
	PLDV-098	1/4"	1/8"
	PLDV-093	1/4"	1/4"
	PLDV-099	3/8"	1/8"
	PLDV-100	3/8"	1/4"
	PLDV-101	3/8"	3/8"
	PLDV-102	1/2"	3/8"

SWIVEL MALE RUN TEE

	MODEL	TUBE OD	MNPT
	PLDV-160	1/8"	1/8"
	PLDV-161	5/32"	1/8"
	PLDV-162	1/4"	1/8"
	PLDV-163	1/4"	1/4"
	PLDV-168	1/4"	3/8"
	PLDV-164	3/8"	1/4"
	PLDV-165	3/8"	3/8"
	PLDV-174	1/2"	1/4"
	PLDV-166	1/2"	3/8"
	PLDV-167	1/2"	1/2"

MALE CONNECTOR

MODEL	TUBE OD	MNPT
PLDV-047	1/8"	10-32
PLDV-045	1/8"	1/16"
PLDV-048	1/8"	1/8"
PLVD-023	1/8"	1/4"
PLDV-049	5/32"	10-32
PLDV-050	5/32"	1/8"
PLDV-046	5/32"	1/4"
PLDV-051	3/16"	10-32
PLDV-052	3/16"	1/8"
PLDV-053	1/4"	10-32
PLDV-039	1/4"	1/16"
PLDV-054	1/4"	1/8"
PLDV-055	1/4"	1/4"
PLDV-056	1/4"	3/8"
PLDV-530	5/16"	1/8"
PLDV-531	5/16"	1/4"
PLDV-532	5/16"	3/8"
PLDV-057	3/8"	1/8"
PLDV-058	3/8"	1/4"
PLDV-059	3/8"	3/8"
PLDV-062	3/8"	1/2"
PLDV-060	1/2"	1/4"
PLDV-061	1/2"	3/8"
PLDV-063	1/2"	1/2"

FEMALE CONNECTOR

MODEL	TUBE OD	FNPT
PLDV-032	1/8"	1/8"
PLDV-038	1/8"	1/4"
PLDV-012	5/32"	1/8"
PLDV-034	1/4"	1/8"
PLDV-035	1/4"	1/4"
PLDV-036	3/8"	1/4"
PLDV-037	3/8"	3/8"

UNION

MODEL	TUBE OD
PLDV-017	1/8"
PLDV-018	5/32"
PLDV-019	1/4"
PLVD-015	5/16"
PLDV-022	1/4" x 3/8"
PLDV-020	3/8"
PLDV-021	1/2"

90° MALE ELBOW

MODEL	TUBE OD	MNPT
PLDV-065	1/8"	1/8"
PLVD-066	5/32"	1/8"
PLDV-067	3/16"	1/8"
PLDV-068	1/4"	1/8"
PLDV-069	1/4"	1/4"
PLDV-070	1/4"	3/8"
PLDV-071	3/8"	1/8"
PLDV-072	3/8"	1/4"
PLDV-073	3/8"	3/8"
PLDV-074	1/2"	1/4"
PLDV-075	1/2"	3/8"
PLDV-064	1/2"	1/2"

90° MALE SWIVEL ELBOW

MODEL	TUBE OD	MNPT
PLDV-079	1/8"	1/8"
PLDV-535	1/8"	1/4"
PLDV-076	5/32"	10-32
PLDV-080	5/32"	1/8"
PLDV-077	5/32"	1/4"
PLDV-078	1/4"	10-32
PLDV-081	1/4"	1/8"
PLDV-082	1/4"	1/4"
PLDV-086	1/4"	3/8"
PLDV-538	5/16"	1/4"
PLDV-539	5/16"	3/8"
PLDV-087	3/8"	1/8"
PLDV-083	3/8"	1/4"
PLDV-084	3/8"	3/8"
PLDV-088	3/8"	1/2"
PLDV-085	1/2"	3/8"
PLDV-092	1/2"	1/2"

90° ELBOW

MODEL	TUBE OD
PLDV-150	1/8"
PLVD-151	5/32"
PLDV-152	1/4"
PLDV-155	5/16"
PLDV-153	3/8"
PLDV-154	1/2"

SWIVEL MALE BRANCH TEE

MODEL	TUBE OD	MNPT
PLDV-103	1/8"	1/8"
PLVD-104	5/32"	10-32
PLVD-109	5/32"	1/8"
PLDV-105	1/4"	1/8"
PLDV-106	1/4"	1/4"
PLDV-107	3/8"	1/4"
PLDV-108	3/8"	3/8"
PLDV-110	1/2"	3/8"
PLDV-111	1/2"	1/2"

FIXED MALE BRANCH TEE

MODEL	TUBE OD	MNPT
PLDV-112	1/8"	1/8"
PLVD-113	5/32"	1/8"
PLDV-115	1/4"	1/8"
PLDV-116	1/4"	1/4"
PLDV-117	3/8"	1/8"
PLDV-118	3/8"	1/4"
PLDV-119	3/8"	3/8"
PLDV-120	1/2"	3/8"

90° FEMALE SWIVEL ELBOW

MODEL	TUBE OD	FNPT
PLDV-094-S	5/32"	1/8"
PLDV-089-S	1/4"	1/8"
PLDV-090-S	1/4"	1/4"
PLDV-091-S	3/8"	1/4"

90° FEMALE ELBOW

MODEL	TUBE OD	FNPT
PLDV-192	1/8"	1/8"
PLVD-094	5/32"	1/8"
PLDV-089	1/4"	1/8"
PLDV-090	1/4"	1/4"
PLDV-091	3/8"	1/4"

CROSSES

MODEL	TUBE OD
PLDV-142	1/4"
PLDV-143	3/8"

"Y" UNION

MODEL	TUBE OD 1 & 2
PLVD-551	5/32" x 5/32"
PLDV-552	1/4" x 1/8"
PLDV-553	1/4" x 1/4"

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COMPOSITE PUSH-TO-CONNECT FITTINGS

EQUAL TEE



MODEL	TUBE OD
CPLV-025	1/8"
CPLV-026	5/32"
CPLV-027	3/16"
CPLV-028	1/4"
CPLV-031	5/16"
CPLV-029	3/8"
CPLV-030	1/2"

90° FEMALE ELBOW



MODEL	TUBE OD	FNPT
CPLV-089	1/4"	1/8"
CPLV-090	1/4"	1/4"
CPLV-591	1/4"	3/8"
CPLV-091	3/8"	1/4"
CPLV-595	3/8"	3/8"
CPLV-596	3/8"	1/2"
CPLV-597	1/2"	3/8"
CPLV-598	1/2"	1/2"

MALE BRANCH TEE



MODEL	TUBE OD	MNPT
CPLV-103	1/8"	1/8"
CPLV-519	1/8"	1/4"
CPLV-109	5/32"	1/8"
CPLV-135	5/32"	1/4"
CPLV-104	5/32"	10-32
CPLV-830	3/16"	1/8"
CPLV-105	1/4"	1/8"
CPLV-106	1/4"	1/4"
CPLV-831	1/4"	10-32
CPLV-121	1/4"	3/8"
CPLV-136	5/16"	1/8"
CPLV-137	5/16"	1/4"
CPLV-832	5/16"	3/8"
CPLV-107	3/8"	1/4"
CPLV-108	3/8"	3/8"
CPLV-158	3/8"	1/2"
CPLV-138	1/2"	1/4"
CPLV-110	1/2"	3/8"
CPLV-111	1/2"	1/2"

UNION



MODEL	TUBE OD
CPLV-017	1/8"
CPLV-018	5/32"
CPLV-001	3/16"
CPLV-019	1/4"
CPLV-015	5/16"
CPLV-020	3/8"
CPLV-021	1/2"
CPLV-016	1/4" x 5/32"
CPLV-515	5/16" x 1/4"
CPLV-022	3/8" x 1/4"
CPLV-516	3/8" x 5/16"
CPLV-024	1/2" x 3/8"

90° MALE ELBOW



MODEL	TUBE OD	MNPT
CPLV-079	1/8"	1/8"
CPLV-535	1/8"	1/4"
CPLV-517	3/16"	1/4"
CPLV-080	5/32"	1/8"
CPLV-077	5/32"	1/4"
CPLV-049	5/32"	10-32
CPLV-078	1/4"	10-32
CPLV-081	1/4"	1/8"
CPLV-082	1/4"	1/4"
CPLV-086	1/4"	3/8"
CPLV-518	1/4"	1/2"
CPLV-537	5/16"	1/8"
CPLV-538	5/16"	1/4"
CPLV-539	5/16"	3/8"
CPLV-087	3/8"	1/8"
CPLV-083	3/8"	1/4"
CPLV-084	3/8"	3/8"
CPLV-088	3/8"	1/2"
CPLV-184	1/2"	1/4"
CPLV-085	1/2"	3/8"
CPLV-092	1/2"	1/2"

MALE RUN TEE



MODEL	TUBE OD	MNPT
CPLV-160	1/8"	1/8"
CPLV-162	1/4"	1/8"
CPLV-163	1/4"	1/4"
CPLV-099	3/8"	1/8"
CPLV-100	3/8"	1/4"
CPLV-165	3/8"	3/8"
CPLV-181	3/8"	1/2"
CPLV-174	1/2"	1/4"
CPLV-166	1/2"	3/8"
CPLV-167	1/2"	1/2"

FEMALE CONNECTOR



MODEL	TUBE OD	FNPT
CPLV-034	1/4"	1/8"
CPLV-035	1/4"	1/4"
CPLV-036	3/8"	1/4"
CPLV-037	3/8"	3/8"

MALE CONNECTOR



MODEL	TUBE OD	MNPT
CPLV-050	5/32"	1/8"
CPLV-053	1/4"	10 - 32
CPLV-054	1/4"	1/8"
CPLV-055	1/4"	1/4"
CPLV-056	1/4"	3/8"
CPLV-530	5/16"	1/8"
CPLV-531	5/16"	1/4"
CPLV-057	3/8"	1/8"
CPLV-058	3/8"	1/4"
CPLV-059	3/8"	3/8"
CPLV-062	3/8"	1/2"
CPLV-060	1/2"	1/4"
CPLV-061	1/2"	3/8"
CPLV-063	1/2"	1/2"

BULKHEAD UNION



MODEL	TUBE OD
CPLV-127	1/4"
CPLV-128	3/8"
CPLV-129	1/2"

90° UNION ELBOW



MODEL	TUBE OD
CPLV-150	1/8"
CPLV-151	5/32"
CPLV-149	3/16"
CPLV-152	1/4"
CPLV-155	5/16"
CPLV-153	3/8"
CPLV-154	1/2"

MALE "Y" CONNECTOR



MODEL	TUBE OD	MNPT
CPLV-187	1/4"	1/8"
CPLV-557	1/4"	1/4"
CPLV-188	3/8"	1/4"
CPLV-189	3/8"	3/8"
CPLV-193	3/8"	1/2"
CPLV-194	1/2"	3/8"
CPLV-195	1/2"	1/2"

IN-LINE NEEDLE VALVE




MODEL	TUBE OD
CPLV-487	1/4"
CPLV-488	5/16"
CPLV-489	3/8"


"Y" CONNECTOR

	MODEL	TUBE OD
	CPLV-551	5/32"
	CPLV-553	1/4"
	CPLV-182	5/16"
	CPLV-555	3/8"
	CPLV-185	1/2"


LONG PATTERN 90° MALE ELBOW

	MODEL	TUBE OD	MNPT
	CPLV-572	1/4"	1/8"
	CPLV-573	1/4"	1/4"
	CPLV-574	1/4"	3/8"
	CPLV-579	3/8"	1/4"
	CPLV-580	3/8"	3/8"
	CPLV-581	3/8"	1/2"
	CPLV-582	1/2"	1/4"
	CPLV-583	1/2"	3/8"
	CPLV-584	1/2"	1/2"

RIGHT ANGLE FLOW CONTROL METER IN

	MODEL	TUBE OD	MNPT
	CPLV-727	1/4"	1/8"
	CPLV-728	1/4"	1/4"
	CPLV-780	3/8"	1/4"
	CPLV-781	3/8"	3/8"
	CPLV-782	1/2"	1/2"


UNION

	MODEL	TUBE OD
	MPLV-600	4mm
	MPLV-601	6mm
	MPLV-602	8mm
	MPLV-603	10mm
	MPLV-604	12mm


90° ELBOW

	MODEL	TUBE OD	BSPT
	MPLV-642	6mm	1/8"
	MPLV-803	6mm	1/4"
	MPLV-805	8mm	1/4"
	MPLV-655	8mm	3/8"
	MPLV-656	10mm	1/4"
	MPLV-657	10mm	3/8"
	MPLV-713	10mm	1/2"
	MPLV-790	12mm	1/4"
	MPLV-658	12mm	3/8"
	MPLV-659	12mm	1/2"
	MPLV-714	14mm	3/8"
	MPLV-854	14mm	1/2"

90° ELBOW

	MODEL	TUBE OD
	MPLV-806	4mm
	MPLV-660	6mm
	MPLV-661	8mm
	MPLV-807	10mm
	MPLV-808	12mm
	MPLV-740	14mm


MALE ADAPTER

	MODEL	TUBE OD	BSPT
	MPLV-630	4mm	1/8"
	MPLV-631	4mm	1/4"
	MPLV-632	6mm	1/8"
	MPLV-633	6mm	1/4"
	MPLV-634	8mm	1/4"
	MPLV-635	8mm	3/8"
	MPLV-636	10mm	1/4"
	MPLV-637	10mm	3/8"
	MPLV-801	12mm	1/4"
MPLV-638	12mm	3/8"	

EQUAL TEE

	MODEL	TUBE OD
	MPLV-610	4mm
	MPLV-862	5mm
	MPLV-611	6mm
	MPLV-612	8mm
	MPLV-613	10mm
	MPLV-614	12mm
	MPLV-861	14mm

"Y" CONNECTOR

	MODEL	TUBE OD
	MPLV-813	4mm
	MPLV-814	6mm
	MPLV-815	8mm
	MPLV-746	10mm

INVERTED FLARE FITTINGS



⚠ WARNING: This product can expose you to chemicals, including Lead. For more information, visit www.P65Warnings.ca.gov

TYPICAL APPLICATION:

Hydraulic Brake, Power Steering, Fuel Line, Transmission Cooler Line, LP & Natural Gas

TEMPERATURE RANGE:

-65°F to +250° F (-53°C to + 121°C) range at maximum operating pressures

TOLERANCE:

+/- .03 on all dimensions. Please contact us when dimensions are critical

USAGE:

Copper, brass, aluminum and steel hydraulic tubing that can be flared

ADVANTAGES:

Very low cost and reusable. Seats and threads are internal and protected. Compact, excellent vibration life. Short nut affords very close tube bends. Steel or brass tube nut

CONFORMANCE:

Meets specifications and standards of ASA, ASME, SAE and MS (Military Standards)

METRIC MEASURING:

Measure OD of threads & crest to crest distance (pitch) in millimeters between threads

VIBRATION:

Excellent Resistance

WORKING PRESSURE RANGE

TUBE OD	THREAD OD TPI
1/8	5/16 - 24
3/16	3/8 - 24
1/4	7/16 - 20
5/16	1/2 - 20
3/8	5/8 - 18
7/16	11/16 - 16
1/2	3/4 - 16
5/8	7/8 - 14
3/4	1 1/16 - 14
7/8	1 3/16 - 16
1	1 15/16 - 16

OD=OUTSIDE DIAMETER • TPI=THREADS PER INCH

PSI	TUBE OD	TUBE WALL
2300	1/8"	.030"
1900	3/16"	.030"
1400	1/4"	.030"
1200	5/16"	.030"
1000	3/8"	.032"
650	5/8"	.035"
550	3/4"	.035"

Temperature and type of tubing used are important factors. Above table is a good guide for proper selection. Temperature 73°F with copper tubing

ASSEMBLY

- Cut ends squarely. Remove all burrs
- Slide nut on tube, threaded end out
- Flare tube end with 45° flaring tool
- Measure flare diameter & examine flare for excessive thin-out
- On thin wall, welded or brazed, use double flare to prevent pinch-off & cracked flares
- Lubricate threads and assemble to fitting body
- Hand-tighten nut

STANDARD METRIC THREADS

TUBE SIZE	THREAD OD	CREST PITCH	THREAD
Japan 3/16"	10mm	1.0mm	M10x1.0
EU 3/16"	10mm	1.0mm	M10x1.0
GM 6mm	12mm	1.0mm	M12x1.0
Fuel 5/16"	14mm	1.5mm	M14x1.5
Fuel 3/8"	16mm	1.5mm	M16x1.5

ACTUAL OUTER DIAMETER (OD) OF MALE INVERTED FLARE THREADS

5/16-28	3/8-24	7/16-24	1/2-20	5/8-18	3/4-18	7/8-18	1 1/16-16
2800 PSI	1000 PSI	1400 PSI	1200 PSI	1000 PSI	750 PSI	650 PSI	550 PSI
1/8"	3/16"	1/4"	5/16"	3/8"	1/2	5/8"	3/4"

INVERTED FLARE STEEL PLUG

MODEL	INV FLARE
IFCC-091	3/16"
IFCC-092	1/4"
IFCC-093	5/16"
IFCC-094	3/8"

INV FLARE ELBOW x MNPT ADAPTER

MODEL	INV FLARE	MNPT
IFCC-070	1/8"	1/8"
IFCC-072	3/16"	1/8"
IFCC-073	1/4"	1/8"
IFCC-074	5/16"	1/8"
IFCC-075	5/16"	1/4"
IFCC-115	3/8"	1/8"
IFCC-076	3/8"	1/4"
IFCC-077	1/2"	3/8"
IFCC-079	5/8"	1/2"

INV FLARE LONG BRASS NUT

MODEL	INV FLARE
IFCC-009	3/16"
IFCC-010	1/4"

INVERTED FLARE BRASS PLUG

MODEL	INV FLARE
IFCC-096	1/2"
IFCC-097	5/8"
IFCC-098	3/4"

INV FLARE INTERNAL UNION

MODEL	INV FLARE
IFCC-022	1/8"
IFCC-023	3/16"
IFCC-024	1/4"
IFCC-025	5/16"
IFCC-026	3/8"
IFCC-027	1/2"
IFCC-028	5/8"

INV FLARE FEMALE BRANCH TEE

MODEL	INV FLARE	FNPT
IFCC-127	3/16" (2)	1/8"
IFCC-129	5/16" (2)	1/8"
IFCC-130	3/8" (2)	1/4"

INV FLARE MALE BRANCH TEE

MODEL	INV FLARE	MNPT
IFCC-100	3/16" (2)	1/8"
IFCC-101	1/4" (2)	1/8"
IFCC-102	5/16" (2)	1/8"
IFCC-103	3/8" (2)	1/4"

ZINC CHROMATE STEEL NUT

MODEL	INV FLARE	THREAD
IFCC-001	1/8"	5/16 - 28
IFCC-002	3/16"	3/8 - 24
IFCC-018	3/16"	7/16 - 24
IFCC-003	1/4"	7/16 - 24
IFCC-004	5/16"	1/2 - 20
IFCC-005	3/8"	5/8 - 18
IFCC-011	3/8"	11/16 - 18
IFCC-000	7/16"	11/16 - 18
IFCC-006	1/2"	3/4 - 18
IFCC-007	5/8"	7/8 - 18
IFCC-008	3/4"	1 1/16 - 16
IFCC-083	7/8"	1 3/16 - 16
IFCC-084	1"	1 5/16 - 16

INVERTED FLARE UNION TEE

MODEL	INV FLARE
IFCC-085	1/8"
IFCC-086	3/16"
IFCC-087	1/4"
IFCC-088	5/16"
IFCC-089	3/8"
IFCC-090	1/2"

INV FLARE ELBOW x FNPT ADAPTER

MODEL	INV FLARE	FNPT
IFCC-110	1/4"	1/8"
IFCC-111	5/16"	1/8"
IFCC-112	3/8"	1/4"

INV FLARE MALE RUN TEE

MODEL	INV FLARE	MNPT
IFCC-118	3/16" (2)	1/8"
IFCC-119	1/4" (2)	1/8"
IFCC-120	5/16" (2)	1/8"
IFCC-121	3/8" (2)	1/4"

INV FLARE x FNPT ADAPTER

MODEL	INV FLARE	FNPT
IFCC-029	1/8"	1/8"
IFCC-032	3/16"	1/8"
IFCC-033	1/4"	1/8"
IFCC-030	1/4"	1/4"
IFCC-034	5/16"	1/8"
IFCC-035	3/8"	1/4"
IFCC-031	7/16"	1/4"
IFCC-037	1/2"	1/4"
IFCC-036	1/2"	3/8"
IFCC-039	5/8"	1/2"
IFCC-099	3/4"	3/4"

INVERTED FLARE BRASS NUT

MODEL	INV FLARE
IFCC-012	1/8"
IFCC-013	3/16"
IFCC-014	1/4"
IFCC-015	5/16"
IFCC-016	3/8"
IFCC-017	1/2"

INV FLARE x MNPT ADAPTER

MODEL	INV FLARE	MNPT
IFCC-041	1/8"	1/8"
IFCC-042	3/16"	1/8"
IFCC-053	3/16"	1/4"
IFCC-043	1/4"	1/8"
IFCC-044	1/4"	1/4"
IFCC-045	5/16"	1/8"
IFCC-046	5/16"	1/4"
IFCC-055	5/16"	3/8"
IFCC-047	3/8"	1/8"
IFCC-048	3/8"	1/4"
IFCC-049	3/8"	3/8"
IFCC-104	7/16"	1/4"
IFCC-038	1/2"	1/4"
IFCC-050	1/2"	3/8"
IFCC-051	1/2"	1/2"
IFCC-052	5/8"	1/2"
IFCC-105	3/4"	1/2"
IFCC-040	3/4"	3/4"
IFCC-107	1"	3/4"
IFCC-108	1"	1"

INV FLARE ELBOW x MNPT ADAPTER

MODEL	INV FLARE	MNPT
IFCC-057	1/8"	1/8"
IFCC-058	3/16"	1/8"
IFCC-059	1/4"	1/8"
IFCC-060	1/4"	1/4"
IFCC-061	5/16"	1/8"
IFCC-062	5/16"	1/4"
IFCC-082	5/16"	3/8"
IFCC-063	3/8"	1/8"
IFCC-064	3/8"	1/4"
IFCC-065	3/8"	3/8"
IFCC-114	1/2"	1/4"
IFCC-066	1/2"	3/8"
IFCC-067	1/2"	1/2"
IFCC-056	5/8"	3/8"
IFCC-068	5/8"	1/2"
IFCC-069	3/4"	1/2"
IFCC-080	7/8"	3/4"
IFCC-081	1"	1"

⚠ WARNING: This product can expose you to chemicals, including Lead. For more information, visit www.P65Warnings.ca.gov

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SAE 45° & JIC 37° FLARE FITTINGS



⚠ **WARNING:** This product can expose you to chemicals, including Lead. For more information, visit www.P65Warnings.ca.gov

APPLICATIONS:

LP and natural gas, flammable liquids, instrumentation, refrigeration, power steering, hydraulic and pneumatic systems

TOLERANCE:

+/- .03 on all dimensions. Dimension Data can change without notice. Contact us when dimensions are critical

VIBRATION:

Good resistance - use long nut when greater vibration resistance is required

TEMPERATURE RANGE:

-65°F to +250° F {-53°C to +121°C} range at maximum operating pressures.

USAGE:

Copper, brass, aluminum and steel hydraulic tubing that can be flared.

CONFORMANCE:

Meets specifications and standards of ASA, ASME, SAE and MS (Military Standards)

TUBE SIZE	THREAD SIZE B
1/8	5/16 - 24
3/16	3/8 - 24
1/4	7/16 - 20
5/16	1/2 - 20
3/8	5/8 - 18
7/16	11/16 - 16
1/2	3/4 - 16
5/8	7/8 - 14
3/4	1 1/16 - 14

WORKING PRESSURE RANGE

PSI	TUBE OD	TUBE WALL
2300	1/8"	.030"
1900	3/16"	.030"
1400	1/4"	.030"
1200	5/16"	.030"
1000	3/8"	.032"
650	5/8"	.035"
550	3/4"	.035"

Temp & type of tubing used are important factors. Above table is a guide for proper selection. Temp 73°F w/copper tubing

ASSEMBLY

- Cut tubing to desired length. Remove burrs and confirm ends are cut square
- Slide nut on tube, threaded end facing out
- Flare end of tube with a 45° flaring tool, measure flare diameter and examine flare for excessive thin out
- Lubricate threads and assemble to fitting body. Hand tighten nut
- Tighten assembly with wrench until solid. From that point, apply 1/6 turn

NOTE: Do not over-torque – it may damage fitting or split tubing at the flare

LONG ROD NUT

MODEL	THREAD SIZE UNF
SAE-001	1/8"
SAE-002	3/16"
SAE-003	1/4"
SAE-004	5/16"
SAE-005	3/8"
SAE-006	1/2"
SAE-007	5/8"
SAE-008	3/4"

LONG FORGED NUT

MODEL	THREAD SIZE UNF
SAE-028	1/4"
SAE-030	3/8"
SAE-031	1/2"
SAE-032	5/8"
SAE-033	3/4"

FORGED REDUCING NUT

MODEL	FEMALE FLARE x OD
SAE-051	5/16" x 1/4"
SAE-052	3/8" x 1/4"
SAE-053	3/8" x 5/16"
SAE-054	1/2" x 3/8"
SAE-055	5/8" x 3/8"
SAE-056	5/8" x 1/2"
SAE-058	3/4" x 5/8"

SHORT ROD NUT

MODEL	THREAD SIZE UNF	THREAD
SAE-013	1/8"	5/16 - 24
SAE-014	3/16"	3/8 - 24
SAE-015	1/4"	7/16 - 20
SAE-016	5/16"	1/2 - 20
SAE-017	3/8"	5/8 - 18
SAE-018	7/16"	11/16 - 16
SAE-019	1/2"	3/4 - 16
SAE-020	5/8"	7/8 - 14
SAE-021	3/4"	1 1/16 - 14
SAE-022	7/8"	1 1/4 - 12
SAE-026	1"	1 3/8 - 12

SHORT FORGED NUT

MODEL	THREAD SIZE UNF
SAE-038	3/16"
SAE-039	1/4"
SAE-040	5/16"
SAE-041	3/8"
SAE-042	1/2"
SAE-043	5/8"
SAE-044	3/4"
SAE-045	7/8"

EXTRA HEAVY SHORT FORGED NUT

MODEL	THREAD SIZE UNF
SAE-046	1/4"
SAE-047	3/8"
SAE-048	1/2"
SAE-049	5/8"

FLARED PLUG

MODEL	THREAD SIZE UNF
SAE-062	1/8"
SAE-063	3/16"
SAE-064	1/4"
SAE-065	5/16"
SAE-066	3/8"
SAE-067	1/2"
SAE-068	5/8"
SAE-069	3/4"

FINGER TIGHTENING GAP

MODEL	SIZE
SAE-081	1/4"
SAE-082	3/8"

FLARED CAP

MODEL	THREAD SIZE UNF
SAE-073	1/8"
SAE-074	3/16"
SAE-075	1/4"
SAE-076	5/16"
SAE-077	3/8"
SAE-078	1/2"
SAE-079	5/8"
SAE-080	3/4"

REDUCING UNION

MODEL	THREAD SIZE UNF
SAE-115	1/4" x 1/8"
SAE-116	1/4" x 3/16"
SAE-117	5/16" x 1/4"
SAE-118	3/8" x 1/4"
SAE-119	3/8" x 5/16"
SAE-120	1/2" x 1/4"
SAE-121	1/2" x 3/8"
SAE-122	5/8" x 3/8"
SAE-123	5/8" x 1/2"
SAE-126	3/4" x 1/2"
SAE-127	3/4" x 5/8"

UNION

MODEL	THREAD SIZE UNF
SAE-104	1/8"
SAE-105	3/16"
SAE-106	1/4"
SAE-107	5/16"
SAE-108	3/8"
SAE-109	1/2"
SAE-110	5/8"
SAE-111	3/4"
SAE-112	7/8"

MALE BALL CHECK CONNECTOR

MODEL	MALE FLARE x MALE NPTF
SAE-131	1/4" x 1/8"
SAE-132	5/16" x 1/8"
SAE-133	3/8" x 1/4"

NOTE: Ball & Spring position may be reversed to change flow/check position. MIN working pressure 3PSI

COPPER GASKET

MODEL	SIZE
SAE-084	3/16"
SAE-085	1/4"
SAE-086	5/16"
SAE-087	3/8"
SAE-088	1/2"
SAE-089	5/8"
SAE-090	3/4"

UNION TEE

MODEL	THREAD SIZE UNF
SAE-157	1/8"
SAE-158	3/16"
SAE-159	1/4"
SAE-160	5/16"
SAE-161	3/8"
SAE-162	1/2"
SAE-163	5/8"
SAE-164	3/4"
SAE-165	7/8"

REDUCING TEE

MODEL	THREAD SIZE UNF 1 x 2 x 3
SAE-170	1/4" x 1/4" x 3/8"
SAE-171	5/16" x 5/16" x 1/4"
SAE-172	3/8" x 1/4" x 1/4"
SAE-173	3/8" x 1/4" x 3/8"
SAE-174	3/8" x 3/8" x 1/4"
SAE-175	3/8" x 3/8" x 1/2"
SAE-176	3/8" x 3/8" x 5/8"
SAE-178	1/2" x 3/8" x 3/8"
SAE-179	1/2" x 3/8" x 1/2"
SAE-180	1/2" x 1/2" x 1/4"
SAE-181	1/2" x 1/2" x 3/8"
SAE-182	1/2" x 1/2" x 5/8"
SAE-187	5/8" x 1/2" x 5/8"
SAE-188	5/8" x 5/8" x 3/8"
SAE-189	5/8" x 5/8" x 1/2"

MALE RUN TEE

MODEL	MALE FLARE x MNPT (1 & 3) x 2
SAE-343	(3/16") x 1/8"
SAE-344	(1/4") x 1/8"
SAE-345	(1/4") x 1/4"
SAE-350	(3/8") x 1/4"
SAE-351	(3/8") x 3/8"
SAE-352	(3/8") x 1/2"
SAE-354	(1/2") x 3/8"
SAE-355	(1/2") x 1/2"
SAE-357	(5/8") x 1/2"
SAE-359	(3/4") x 1/2"
SAE-360	(3/4") x 3/4"

COPPER BONNET

MODEL	SIZE
SAE-094	3/16"
SAE-095	1/4"
SAE-097	3/8"
SAE-098	1/2"
SAE-099	5/8"
SAE-100	3/4"

FEMALE ADAPTER

MODEL	MALE FLARE x FNPT
SAE-227	3/16" x 1/8"
SAE-228	1/4" x 1/8"
SAE-229	1/4" x 1/4"
SAE-230	1/4" x 3/8"
SAE-231	1/4" x 1/2"
SAE-232	5/16" x 1/8"
SAE-233	5/16" x 1/4"
SAE-234	3/8" x 1/8"
SAE-235	3/8" x 1/4"
SAE-236	3/8" x 3/8"
SAE-237	3/8" x 1/2"
SAE-238	3/8" x 3/4"
SAE-239	1/2" x 1/4"
SAE-240	1/2" x 3/8"
SAE-241	1/2" x 1/2"
SAE-242	1/2" x 3/4"
SAE-243	5/8" x 3/8"
SAE-244	5/8" x 1/2"
SAE-245	5/8" x 3/4"
SAE-246	3/4" x 1/2"
SAE-247	3/4" x 3/4"
SAE-248	7/8" x 3/4"

MALE BRANCH TEE

MODEL	MALE FLARE x MNPT (1 & 2) x 3
SAE-203	3/16" x 1/8"
SAE-204	1/4" x 1/8"
SAE-205	1/4" x 1/4"
SAE-206	1/4" x 3/8"
SAE-207	5/16" x 1/8"
SAE-208	5/16" x 1/4"
SAE-209	3/8" x 1/8"
SAE-210	3/8" x 1/4"
SAE-211	3/8" x 3/8"
SAE-212	3/8" x 1/2"
SAE-213	1/2" x 1/4"
SAE-214	1/2" x 3/8"
SAE-215	1/2" x 1/2"
SAE-216	1/2" x 3/4"
SAE-217	5/8" x 5/8"
SAE-218	5/8" x 1/2"
SAE-219	5/8" x 3/4"
SAE-220	3/4" x 1/2"

CROSSES

MODEL	THREAD SIZE UNF
SAE-373	1/4"
SAE-374	5/16"
SAE-375	3/8"
SAE-376	1/2"

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MALE ADAPTER

MODEL	MALE FLARE x MNPT
SAE-253	1/8" x 1/8"
SAE-254	3/16" x 1/8"
SAE-255	1/4" x 1/8"
SAE-256	1/4" x 1/4"
SAE-257	1/4" x 3/8"
SAE-258	1/4" x 1/2"
SAE-259	5/16" x 1/8"
SAE-260	5/16" x 1/4"
SAE-261	5/16" x 3/8"
SAE-262	3/8" x 1/8"
SAE-263	3/8" x 1/4"
SAE-264	3/8" x 3/8"
SAE-265	3/8" x 1/2"
SAE-266	3/8" x 3/4"
SAE-267	1/2" x 1/4"
SAE-268	1/2" x 3/8"
SAE-269	1/2" x 1/2"
SAE-270	1/2" x 3/4"
SAE-271	5/8" x 1/4"
SAE-272	5/8" x 3/8"
SAE-273	5/8" x 1/2"
SAE-274	5/8" x 3/4"
SAE-275	3/4" x 1/2"
SAE-276	3/4" x 3/4"
SAE-277	7/8" x 1/2"
SAE-278	7/8" x 3/4"
SAE-279	1" x 3/4"
SAE-280	1" x 1"

45° MALE ELBOW

MODEL	MALE FLARE x MNPT
SAE-448	1/4" x 1/8"
SAE-449	1/4" x 1/4"
SAE-450	5/16" x 1/8"
SAE-451	5/16" x 1/4"
SAE-452	3/8" x 1/4"
SAE-453	3/8" x 3/8"
SAE-454	3/8" x 1/2"
SAE-455	1/2" x 3/8"
SAE-456	1/2" x 1/2"
SAE-460	5/8" x 3/8"
SAE-457	5/8" x 1/2"
SAE-458	3/4" x 1/2"

90° REDUCING ELBOW

MODEL	MALE FLARE x MALE FLARE
SAE-416	3/8" x 1/4"
SAE-419	1/2" x 3/8"
SAE-421	5/8" x 1/2"

90° FEMALE ELBOW • BARSTOCK

MODEL	MALE FLARE x FNPT
SAE-313B	1/4" x 1/8"
SAE-314B	1/4" x 1/4"
SAE-319B	3/8" x 1/4"
SAE-320B	3/8" x 3/8"
SAE-324B	1/2" x 3/8"

90° FEMALE ELBOW • FORGED

MODEL	MALE FLARE x FNPT
SAE-312	3/16" x 1/8"
SAE-313	1/4" x 1/8"
SAE-314	1/4" x 1/4"
SAE-315	1/4" x 3/8"
SAE-316	5/16" x 1/8"
SAE-317	5/16" x 1/4"
SAE-318	3/8" x 1/8"
SAE-319	3/8" x 1/4"
SAE-320	3/8" x 3/8"
SAE-321	3/8" x 1/2"
SAE-322	3/8" x 3/4"
SAE-323	1/2" x 1/4"
SAE-324	1/2" x 3/8"
SAE-325	1/2" x 1/2"
SAE-326	1/2" x 3/4"
SAE-327	5/8" x 3/8"
SAE-328	5/8" x 1/2"
SAE-329	5/8" x 3/4"

90° MALE ELBOW • BARSTOCK

MODEL	MALE FLARE x MNPT
SAE-283B	1/8" x 1/8"
SAE-284B	3/16" x 1/8"
SAE-286B	1/4" x 1/8"
SAE-287B	1/4" x 1/4"
SAE-290B	5/16" x 1/8"
SAE-291B	5/16" x 1/4"
SAE-293B	3/8" x 1/8"
SAE-294B	3/8" x 1/4"
SAE-295B	3/8" x 3/8"
SAE-298B	1/2" x 1/4"
SAE-299B	1/2" x 3/8"
SAE-300B	1/2" x 1/2"
SAE-302B	5/8" x 3/8"
SAE-303B	5/8" x 1/2"
SAE-306B	3/4" x 3/4"

JIC x FEMALE 90° ELBOW

MODEL	JIC SIZE	FNPT
JIC-973	7/16 - 20 JIC (1/4)	1/8 - 27
JIC-974	7/16 - 20 JIC (1/4)	1/4 - 18
JIC-975	9/16 - 18 JIC (3/8)	1/4 - 18

90° MALE ELBOW • FORGED

MODEL	MALE FLARE x MNPT
SAE-283	1/8" x 1/8"
SAE-284	3/16" x 1/8"
SAE-285	3/16" x 1/4"
SAE-286	1/4" x 1/8"
SAE-287	1/4" x 1/4"
SAE-288	1/4" x 3/8"
SAE-289	1/4" x 1/2"
SAE-290	5/16" x 1/8"
SAE-291	5/16" x 1/4"
SAE-292	5/16" x 3/8"
SAE-293	3/8" x 1/8"
SAE-294	3/8" x 1/4"
SAE-295	3/8" x 3/8"
SAE-296	3/8" x 1/2"
SAE-297	3/8" x 3/4"
SAE-298	1/2" x 1/4"
SAE-299	1/2" x 3/8"
SAE-300	1/2" x 1/2"
SAE-301	1/2" x 3/4"
SAE-311	5/8" x 1/4"
SAE-302	5/8" x 3/8"
SAE-303	5/8" x 1/2"
SAE-304	5/8" x 3/4"
SAE-305	3/4" x 1/2"
SAE-306	3/4" x 3/4"
SAE-307	7/8" x 3/4"
SAE-308	1" x 3/4"
SAE-309	1" x 1"

90° FLARE ELBOW

MODEL	THREAD SIZE UNF
SAE-404	1/8"
SAE-405	3/16"
SAE-406	1/4"
SAE-407	5/16"
SAE-408	3/8"
SAE-409	1/2"
SAE-410	5/8"
SAE-411	3/4"
SAE-412	7/8"


BRASS JIC UNION

MODEL	JIC SIZE
JIC-966	7/16 - 20 JIC (1/4)
JIC-969	9/16 - 18 JIC (3/8)
JIC-970	3/4 - 16 JIC (1/2)
JIC-971	1 1/16 - 12 JIC (3/4)
JIC-972	1 5/16 - 12 JIC (1)

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JIC x MALE 90° ELBOW




MODEL	JIC SIZE	MNPT
JIC-760	7/16 - 20 JIC (1/4)	1/8 - 27
JIC-762	7/16 - 20 JIC (1/4)	1/4 - 18
JIC-766	1/2 - 20 JIC (5/16)	1/4 - 18
JIC-768	9/16 - 18 JIC (3/8)	1/8 - 27
JIC-770	9/16 - 18 JIC (3/8)	1/4 - 18
JIC-772	9/16 - 18 JIC (3/8)	3/8 - 18
JIC-773	9/16 - 18 JIC (3/8)	1/2 - 14
JIC-774	3/4 - 16 JIC (1/2)	3/8 - 18
JIC-777	3/4 - 16 JIC (1/2)	1/2 - 14
JIC-778	3/4 - 16 JIC (1/2)	3/4 - 14
JIC-780	7/8 - 14 JIC (5/8)	1/2 - 14
JIC-781	1 1/16 - 12 JIC (3/4)	1/2 - 14
JIC-783	1 1/16 - 12 JIC (3/4)	3/4 - 14
JIC-784	1 5/16 - 12 JIC (1)	3/4 - 14
JIC-786	1 5/16 - 12 JIC (1)	1 - 11 1/2

JIC x MALE 45° ELBOW




MODEL	JIC SIZE	MNPT
JIC-722	7/16 - 20 JIC (1/4)	1/8 - 27
JIC-724	7/16 - 20 JIC (1/4)	1/4 - 18
JIC-728	1/2 - 20 JIC (5/16)	1/4 - 18
JIC-729	9/16 - 18 JIC (3/8)	1/8 - 27
JIC-731	9/16 - 18 JIC (3/8)	1/4 - 18
JIC-733	9/16 - 18 JIC (3/8)	3/8 - 18
JIC-734	9/16 - 18 JIC (3/8)	1/2 - 14
JIC-736	3/4 - 16 JIC (1/2)	3/8 - 18
JIC-738	3/4 - 16 JIC (1/2)	1/2 - 14
JIC-740	7/8 - 14 JIC (5/8)	1/2 - 14
JIC-742	1 1/16 - 12 JIC (3/4)	3/4 - 14

JIC x FEMALE BRASS ADAPTER




MODEL	JIC SIZE	FNPT
JIC-957	7/16 - 20 JIC (1/4)	1/8 - 27
JIC-958	7/16 - 20 JIC (1/4)	1/4 - 18
JIC-959	9/16 - 18 JIC (3/8)	1/4 - 18
JIC-960	9/16 - 18 JIC (3/8)	3/8 - 18
JIC-961	3/4 - 16 JIC (1/2)	3/8 - 18
JIC-962	3/4 - 16 JIC (1/2)	1/2 - 14
JIC-963	7/8 - 14 JIC (5/8)	1/2 - 14
JIC-964	1 1/16 - 12 JIC (3/4)	3/4 - 1/4

JIC x FNPT STEEL ADAPTER




MODEL	JIC SIZE	FNPT
JIC-001	5/16 - 24 JIC (1/8)	1/8"
JIC-002	3/8 - 24 JIC (3/16)	1/8"
JIC-003	7/16 - 20 JIC (1/4)	1/8"
JIC-004	7/16 - 20 JIC (1/4)	1/4"
JIC-005	7/16 - 20 JIC (1/4)	3/8"
JIC-006	9/16 - 18 JIC (3/8)	1/8"
JIC-007	9/16 - 18 JIC (3/8)	1/4"
JIC-008	9/16 - 18 JIC (3/8)	3/8"
JIC-009	9/16 - 18 JIC (3/8)	1/2"
JIC-010	3/4 - 16 JIC (1/2)	1/4"
JIC-011	3/4 - 16 JIC (1/2)	3/8"
JIC-012	3/4 - 16 JIC (1/2)	1/2"
JIC-013	3/4 - 16 JIC (1/2)	3/4"
JIC-014	7/8 - 14 JIC (5/8)	3/8"
JIC-015	7/8 - 14 JIC (5/8)	1/2"
JIC-016	1 1/16 - 12 JIC (3/4)	1/2"
JIC-017	1 1/16 - 12 JIC (3/4)	3/4"
JIC-018	1 5/16 - 12 JIC (1)	3/4"
JIC-019	1 5/16 - 12 JIC (1)	1"
JIC-020	1 5/16 - 12 JIC (1)	1 1/4"
JIC-021	1 5/8 - 12 JIC (1-1/4)	1 1/4"
JIC-022	1 7/8 - 12 JIC (1-1/2)	1 1/2"
JIC-023	2 1/2 - 12 JIC (2)	2"

JIC x MALE BRASS ADAPTER



MODEL	JIC SIZE	MNPT
JIC-701	7/16 - 20 JIC (1/4)	1/8 - 27
JIC-702	7/16 - 20 JIC (1/4)	1/4 - 18
JIC-703	7/16 - 20 JIC (1/4)	3/8 - 18
JIC-704	1/2 - 20 JIC (5/16)	1/8 - 27
JIC-705	1/2 - 20 JIC (5/16)	1/4 - 18
JIC-706	9/16 - 18 JIC (3/8)	1/8 - 27
JIC-707	9/16 - 18 JIC (3/8)	1/4 - 18
JIC-708	9/16 - 18 JIC (3/8)	3/8 - 18
JIC-709	9/16 - 18 JIC (3/8)	1/2 - 14
JIC-710	3/4 - 16 JIC (1/2)	1/4 - 18
JIC-711	3/4 - 16 JIC (1/2)	3/8 - 18
JIC-712	3/4 - 16 JIC (1/2)	1/2 - 14
JIC-713	3/4 - 16 JIC (1/2)	3/4 - 14
JIC-714	7/8 - 14 JIC (5/8)	3/8
JIC-715	7/8 - 14 JIC (5/8)	1/2 - 14
JIC-716	7/8 - 14 JIC (5/8)	3/4 - 14
JIC-748	1 1/16 - 12 JIC (3/4)	1/2 - 14
JIC-717	1 1/16 - 12 JIC (3/4)	3/4 - 14
JIC-749	1 1/16 - 12 JIC (3/4)	1 - 11 1/2
JIC-719	1 5/16 - 12 JIC (1)	3/4 - 14
JIC-718	1 5/16 - 12 JIC (1)	1 - 11 1/2

JIC x MNPT STEEL ADAPTER



MODEL	JIC SIZE	MNPT
JIC-024	5/16 - 24 JIC (1/8)	1/8"
JIC-027	7/16 - 20 JIC (1/4)	1/8"
JIC-028	7/16 - 20 JIC (1/4)	1/4"
JIC-029	7/16 - 20 JIC (1/4)	3/8"
JIC-030	7/16 - 20 JIC (1/4)	1/2"
JIC-031	1/2 - 20 JIC (5/16)	1/4"
JIC-032	9/16 - 18 JIC (3/8)	1/8"
JIC-033	9/16 - 18 JIC (3/8)	1/4"
JIC-034	9/16 - 18 JIC (3/8)	3/8"
JIC-035	9/16 - 18 JIC (3/8)	1/2"
JIC-036	9/16 - 18 JIC (3/8)	3/4"
JIC-037	3/4 - 16 JIC (1/2)	1/4"
JIC-038	3/4 - 16 JIC (1/2)	3/8"
JIC-039	3/4 - 16 JIC (1/2)	1/2"
JIC-040	3/4 - 16 JIC (1/2)	3/4"
JIC-041	3/4 - 16 JIC (1/2)	1"
JIC-042	7/8 - 14 JIC (5/8)	1/4"
JIC-043	7/8 - 14 JIC (5/8)	3/8"
JIC-044	7/8 - 14 JIC (5/8)	1/2"
JIC-045	7/8 - 14 JIC (5/8)	3/4"
JIC-046	1 1/16 - 12 JIC (3/4)	3/8"
JIC-047	1 1/16 - 12 JIC (3/4)	1/2"
JIC-048	1 1/16 - 12 JIC (3/4)	3/4"
JIC-049	1 1/16 - 12 JIC (3/4)	1"
JIC-050	1 5/16 - 12 JIC (1)	3/4"
JIC-051	1 5/16 - 12 JIC (1)	1"
JIC-052	1 5/16 - 12 JIC (1)	1 1/4"
JIC-053	1 5/16 - 12 JIC (1)	1 1/2"
JIC-054	1 5/8 - 12 JIC (1 1/4)	3/4"
JIC-055	1 5/8 - 12 JIC (1 1/4)	1"
JIC-056	1 5/8 - 12 JIC (1 1/4)	1 1/4"
JIC-057	1 5/8 - 12 JIC (1 1/4)	1 1/2"
JIC-058	1 7/8 - 12 JIC (1 1/2)	1"
JIC-059	1 7/8 - 12 JIC (1 1/2)	1 1/4"
JIC-060	1 7/8 - 12 JIC (1 1/2)	1 1/2"
JIC-061	1 7/8 - 12 JIC (1 1/2)	2"
JIC-062	2 1/2 - 12 JIC (2)	1 1/4"
JIC-063	2 1/2 - 12 JIC (2)	1 1/2"
JIC-064	2 1/2 - 12 JIC (2)	2"

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CAST IRON FIXED BORE MOTOR PULLEYS

A, 3L, 4L BELTS

1/2" FIXED BORE PULLEYS

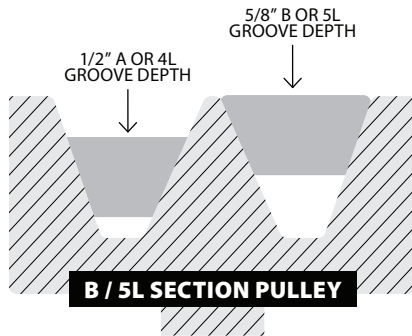
1 GROOVE	O.D.	2 GROOVE	O.D.
AK17x1/2	1.75"	—	—
AK20x1/2	2.00"	2AK20x1/2	2.00"
AK21x1/2	2.10"	2AK21x1/2	2.15"
AK22x1/2	2.20"	2AK22x1/2	2.25"
AK23x1/2	2.30"	—	—
AK25x1/2	2.50"	—	—
AK26x1/2	2.60"	—	—
AK27x1/2	2.70"	—	—
AK28x1/2	2.80"	—	—

5/8" FIXED BORE PULLEYS

1 GROOVE	O.D.	2 GROOVE	O.D.
AK17x5/8	1.75"	—	—
AK20x5/8	2.00"	2AK20x5/8	2.00"
AK21x5/8	2.10"	2AK21x5/8	2.15"
AK22x5/8	2.20"	2AK22x5/8	2.25"
AK23x5/8	2.30"	2AK23x5/8	2.35"
AK25x5/8	2.50"	2AK25x5/8	2.55"
AK26x5/8	2.60"	2AK26x5/8	2.65"
AK27x5/8	2.70"	2AK27x5/8	2.75"
AK28x5/8	2.80"	2AK28x5/8	2.85"

1 GROOVE AK

2 GROOVE 2AK



"A" SECTION BELTS CAN BE USED WITH "B" SECTION PULLEYS
THE "A" SECTION BELT WILL SIT DEEPER IN GROOVES
"B" SECTION BELTS CANNOT BE USED WITH "A" SECTION PULLEYS

A, B, 4L, 5L BELTS

1/2" FIXED BORE PULLEYS

1 GROOVE	O.D.	2 GROOVE	O.D.
BK24x1/2	2.40"	—	—
BK25x1/2	2.50"	2BK25x1/2	2.50"
BK26x1/2	2.60"	—	—
BK27x1/2	2.70"	2BK27x1/2	2.70"
BK28x1/2	2.95"	2BK28x1/2	2.95"

5/8" FIXED BORE PULLEYS

1 GROOVE	O.D.	2 GROOVE	O.D.
BK24x5/8	2.40"	—	—
BK25x5/8	2.50"	2BK25x5/8	2.50"
BK26x5/8	2.60"	—	—
BK27x5/8	2.70"	2BK27x5/8	2.70"
BK28x5/8	2.95"	2BK28x5/8	2.95"

3/4" FIXED BORE PULLEYS

1 GROOVE	O.D.	2 GROOVE	O.D.
BK24x3/4	2.40"	2BK25x3/4	2.50"
BK25x3/4	2.50"	—	—
BK26x3/4	2.60"	—	—
BK27x3/4	2.70"	2BK27x3/4	2.70"
BK28x3/4	2.95"	2BK28x3/4	2.95"

3/4" FIXED BORE PULLEYS

1 GROOVE	O.D.	2 GROOVE	O.D.
AK20x3/4	2.00"	2AK20x3/4	2.00"
AK21x3/4	2.10"	2AK21x3/4	2.15"
AK22x3/4	2.20"	2AK22x3/4	2.25"
AK23x3/4	2.30"	2AK23x3/4	2.35"
AK25x3/4	2.50"	2AK25x3/4	2.55"
AK26x3/4	2.60"	2AK26x3/4	2.65"
AK27x3/4	2.70"	2AK27x3/4	2.75"
AK28x3/4	2.80"	2AK28x3/4	2.85"

7/8" FIXED BORE PULLEYS

1 GROOVE	O.D.	2 GROOVE	O.D.
BK25x7/8	2.50"	2BK25x7/8	2.50"
BK26x7/8	2.60"	—	—
BK27x7/8	2.70"	2BK27x7/8	2.70"
BK28x7/8	2.95"	2BK28x7/8	2.95"

7/8" FIXED BORE PULLEYS

1 GROOVE	O.D.	2 GROOVE	O.D.
—	—	2AK22x7/8	2.25"
AK23x7/8	2.30"	2AK23x7/8	2.35"
AK25x7/8	2.50"	2AK25x7/8	2.55"
—	—	2AK26x7/8	2.65"
—	—	2AK27x7/8	2.75"
—	—	2AK28x7/8	2.85"

1" FIXED BORE PULLEYS

1 GROOVE	O.D.	2 GROOVE	O.D.
BK25x1	2.50"	—	—
—	—	2BK27x1	2.70"
BK28x1	2.95"	2BK28x1	2.95"

1 1/8" FIXED BORE • 2 GROOVE

MODEL	OUTSIDE DIAMETER
2BK28x1-1/8	2.95"

2 GROOVE 2BK



1" FIXED BORE • 2 GROOVE

2 GROOVE	OUTSIDE DIAMETER
2AK23x1	2.35"
2AK25x1	2.55"
2AK26x1	2.65"
2AK27x1	2.75"
2AK28x1	2.85"

H-TYPE PULLEYS • A, 3L, 4L BELTS

1 GROOVE	O.D.	2 GROOVE	O.D.
AK30H	3.05"	2AK30H	3.05"
AK32H	3.25"	2AK32H	3.25"
AK34H	3.45"	2AK34H	3.45"
AK39H	3.75"	2AK39H	3.75"
AK41H	3.95"	2AK41H	3.95"
AK44H	4.25"	2AK44H	4.25"
AK46H	4.45"	2AK46H	4.45"
AK49H	4.75"	2AK49H	4.75"
AK51H	4.95"	2AK51H	4.95"
AK54H	5.25"	2AK54H	5.25"
AK56H	5.45"	2AK56H	5.45"
AK59H	5.75"	2AK59H	5.75"
AK61H	5.95"	2AK61H	5.95"
AK64H	6.25"	2AK64H	6.25"
AK66H	6.45"	—	—
AK69H	6.75"	—	—
AK71H	6.95"	—	—
AK74H	7.25"	2AK74H	7.25"
AK79H	7.75"	—	—
AK84H	8.25"	2AK84H	8.25"
AK89H	8.75"	—	—
AK94H	9.25"	2AK94H	9.25"
AK99H	9.75"	—	—
AK104H	10.25"	2AK104H	10.25"
AK109H	10.75"	—	—
AK114H	11.25"	2AK114H	11.25"
AK124H	12.25"	2AK124H	12.25"
AK134H	13.25"	2AK134H	13.25"
AK144H	14.25"	2AK144H	14.25"

1 GROOVE AK



H-TYPE PULLEYS • A, B, 4L, 5L BELTS

1 GROOVE	O.D.	2 GROOVE	O.D.
BK30H	3.15"	—	—
BK32H	3.35"	2BK32H	3.35"
BK34H	3.55"	2BK34H	3.55"
BK36H	3.75"	2BK36H	3.75"
BK40H	3.95"	2BK40H	3.95"
BK45H	4.25"	2BK45H	4.25"
BK47H	4.45"	2BK47H	4.45"
BK50H	4.75"	2BK50H	4.75"
BK52H	4.95"	2BK52H	4.95"
BK55H	5.25"	2BK55H	5.25"
BK57H	5.45"	2BK57H	5.45"
BK60H	5.75"	2BK60H	5.75"
BK62H	5.95"	2BK62H	5.95"
BK65H	6.25"	2BK65H	6.25"
BK67H	6.45"	2BK67H	6.45"
BK70H	6.75"	2BK70H	6.75"
BK72H	6.95"	2BK72H	6.95"
BK75H	7.25"	—	—
BK77H	7.45"	—	—
BK80H	7.75"	2BK80H	7.75"
BK85H	8.25"	—	—
BK90H	8.75"	2BK90H	8.75"
BK95H	9.25"	—	—
BK100H	9.75"	2BK100H	9.75"
BK105H	10.25"	—	—
BK110H	10.75"	2BK110H	10.75"
BK115H	11.25"	—	—
BK120H	11.75"	2BK120H	11.75"
BK130H	12.75"	2BK130H	12.75"
BK140H	13.75"	2BK140H	13.75"

1 GROOVE BK



2 GROOVE 2BK



H-TYPE • BUSHINGS

MODEL	BORE SIZE
HX-1/2	1/2"
HX-5/8	5/8"
HX-3/4	3/4"
HX-7/8	7/8"
HX-1	1"
HX-1-1/8	1 1/8"
HX-1-3/8	1 3/8"
HX-20mm	20mm
HX-22mm	22mm
HX-24mm	24mm
HX-28mm	28mm

- H Bushing style pulleys
- Designed for industrial applications
- O.D. = outside diameter
- Manufactured in high quality cast iron
- Bushings sold separately



Due to orifice size on "H" Style pulley, the largest bushing that can be inserted into the pulley is the 1 3/8" bushing for 213T/215T frame electric motors.

If your electric motor is 254T/256T or larger, please refer to SH, SDS, SD & SK pulleys on the following pages

NOT SURE WHAT SIZE ELECTRIC MOTOR PULLEY YOU NEED??

Search online: "Electric Motor Pulley Calculator" choose online calculator & enter the following:

- 1 Electric motor RPM 2 Manufacturers suggested Pump RPM 3 Pump Flywheel OD (outside diameter)

After entering above, the online calculator will provide the electric motor pulley OD (outside diameter)

Next, determine how many grooves/ belts are necessary, what size type/belts, and the bore size

PHONE: 888-393-7152 • orders@controlsandcomponents.com • TEXT: 678-986-0346

CAST IRON MOTOR PULLEYS

SH-TYPE BUSHINGS

MODEL	BORE SIZE
SHX-5/8	5/8"
SHX-3/4	3/4"
SHX-7/8	7/8"
SHX-1	1"
SHX-1-1/8	1 1/8"
SHX-1-3/8	1 3/8"
SHX-1-5/8	1 5/8"

- SH Bushing style pulleys
- Designed for industrial applications
- O.D. = Outside Diameter
- Manufactured in high quality cast iron
- Bushings sold separately



SH-TYPE PULLEYS • A, B, 4L, 5L BELTS

1 GROOVE MODEL	2 GROOVE MODEL	3 GROOVE MODEL	OUTER DIAMETER
1B34SH	2B34SH	3B34SH	3.75"
1B36SH	2B36SH	3B36SH	3.95"
1B38SH	2B38SH	3B38SH	4.15"
1B40SH	2B40SH	3B40SH	4.35"
1B42SH	2B42SH	3B42SH	4.55"
1B44SH	2B44SH	3B44SH	4.75"



SD-TYPE BUSHINGS

MODEL	BORE SIZE
SDX-5/8	5/8"
SDX-3/4	3/4"
SDX-7/8	7/8"
SDX-1	1"
SDX-1-1/8	1 1/8"
SDX-1-3/8	1 3/8"
SDX-1-5/8	1 5/8"
SDX-1-7/8"	1 7/8"

- SD Bushing style pulleys
- Combination groove pulley will hold 1/2" A & 4L Belts and 5/8" B & 5L Belts
- Manufactured in high quality cast iron
- Designed for industrial applications
- O.D. = Outside Diameter
- Bushings sold separately

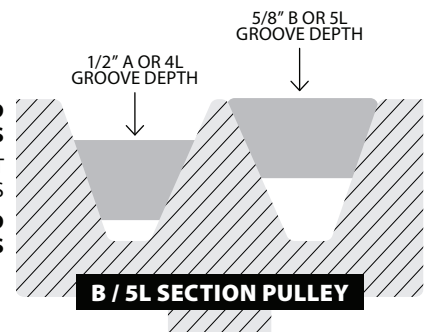


SD-TYPE PULLEYS • A, B, 4L, 5L BELTS

3 GROOVE	4 GROOVE	O.D.	3 GROOVE	4 GROOVE	O.D.
—	4B34SD	3.75"	3B52SD	4B52SD	5.55"
—	4B36SD	3.95"	3B54SD	4B54SD	5.75"
—	4B38SD	4.15"	3B56SD	4B56SD	5.95"
—	4B40SD	4.35"	3B58SD	4B58SD	6.15"
—	4B42SD	4.55"	3B60SD	4B60SD	6.35"
—	4B44SD	4.75"	3B62SD	4B62SD	6.55"
3B46SD	4B46SD	4.95"	3B64SD	4B64SD	6.75"
3B48SD	4B48SD	5.15"	3B66SD	4B66SD	6.95"
3B50SD	4B50SD	5.35"	3B68SD	4B60SD	7.15"



"A" SECTION BELTS **CAN BE USED** WITH "B" SECTION PULLEYS
 THE "A" SECTION BELT WILL SIT DEEPER IN GROOVES
 "B" SECTION BELTS **CANNOT BE USED** WITH "A" SECTION PULLEYS



PLEASE NOTE: SH, SDS, SD & SK pulleys have a larger orifice than "H" style pulley (for larger bushing / bore size) SH, SDS, SD & SK also are a thicker cast-iron construction. This adds to the overall durability of the pulley to withstand rigors of large motors

SDS-TYPE PULLEYS • A, B, 4L, 5L BELTS

1 GROOVE	2 GROOVE	O.D.	1 GROOVE	2 GROOVE	O.D.
1B46SDS	2B46SDS	4.95"	1B66SDS	2B66SDS	6.95"
1B48SDS	2B48SDS	5.15"	1B68SDS	2B68SDS	7.15"
1B50SDS	2B50SDS	5.35"	1B70SDS	—	7.35"
1B52SDS	2B52SDS	5.55"	1B74SDS	—	7.75"
1B54SDS	2B54SDS	5.75"	1B80SDS	—	8.35"
1B56SDS	2B56SDS	5.95"	1B86SDS	—	8.95"
1B58SDS	2B58SDS	6.15"	1B94SDS	—	9.75"
1B60SDS	2B60SDS	6.35"	1B110SDS	—	11.35"
1B62SDS	2B62SDS	6.55"	1B124SDS	—	12.75"
1B64SDS	2B64SDS	6.75"	1B136SDS	—	13.95"

1 GROOVE SDS



1 GROOVE SDS (side view)



2 GROOVE SDS



2 GROOVE SDS (side view)



SK-TYPE PULLEYS • A, B, 4L, 5L BELTS

1 GROOVE	2 GROOVE	3 GROOVE	4 GROOVE	O.D.
—	2B70SK	3B70SK	4B70SK	7.35"
—	2B74SK	3B74SK	4B74SK	7.75"
—	2B80SK	3B80SK	4B80SK	8.35"
—	2B86SK	3B86SK	4B86SK	8.95"
—	2B94SK	3B94SK	4B94SK	9.75"
—	2B110SK	3B110SK	4B110SK	11.35"
—	2B124SK	3B124SK	4B124SK	12.75"
—	2B136SK	3B136SK	4B136SK	13.95"
1B154SK	2B154SK	3B154SK	—	15.75"
1B160SK	2B160SK	3B160SK	—	16.35"
1B184SK	2B184SK	3B184SK	—	18.75"

2 GROOVE SK



3 GROOVE SK



4 GROOVE SK



SDS-TYPE BUSHINGS

MODEL	BORE SIZE
SDSX-5/8	5/8"
SDSX-3/4	3/4"
SDSX-7/8	7/8"
SDSX-1	1"
SDSX-1-1/8	1 1/8"
SDSX-1-3/8	1 3/8"
SDSX-1-5/8	1 5/8"
SDSX-1-7/8"	1 7/8"

- SDS bushing style pulleys
- Combination groove pulley will hold 1/2" A & 4L Belts and 5/8" B & 5L Belts
- Designed for industrial applications
- Manufactured in high quality cast iron
- O.D. = outside diameter
- Bushings sold separately



SK-TYPE BUSHINGS

MODEL	BORE SIZE
SKX-5/8	5/8"
SKX-3/4	3/4"
SKX-7/8	7/8"
SKX-1	1"
SKX-1-1/8	1 1/8"
SKX-1-3/8	1 3/8"
SKX-1-5/8	1 5/8"
SKX-1-7/8	1 7/8"
SKX-2-1/8	2 1/8"
SKX-2-3/8	2 3/8"

- SK bushing style pulleys
- Combination groove pulley will hold 1/2" A & 4L belts and 5/8" B & 5L belts
- Manufactured in high quality cast iron
- Designed for industrial applications
- O.D. = outside diameter
- Bushings sold separately





- Manufactured using the latest in belt technology
- Meets or exceeds performance of comparable belts
- Manufactured using high performance components
- Made of abrasion and heat resistant material
- Proven through thousands of hours of customer use to be durable and dependable

- The body rubber is a highly engineered synthetic rubber compound, specially compounded for cool running, crack resistance, and excellent bonding to the outside fabric and tensile cords
- The lower compression section's fiber reinforced synthetic rubber compound is specifically manufactured for durable wear resistance, cool running, high heat & oil resistance, & flexibility

Outer Fabric Wrap

Treated with oil & heat resistant engineered synthetic rubber, compounded for superior wear resistance. Proven to be durable & dependable. They are manufactured with an outer dry fabric wrap for higher heat and oil resistance and clutching applications

Tensile Cords

The helically wound tensile cords are specially manufactured with a twisted, heat and chemically set polyester material. These tensile cords are manufactured with the highest quality Kevlar. They are exceptionally resistant to severe repeated shock loads

D&D Dura-Ultimate DW Blade Belt

- Designed for lawn & garden equipment and any abusive drive application
- Repeatedly proven to exceed any OEM performance & quality

D&D Dura-Extreme Classical Belt

- Recommended for applications with smaller diameter pulleys
- Single, raw edge, cogged belts that provide extreme belt performance
- Manufactured using the latest belt technology

D&D Dura-Prime Rib Pro Serpentine Belt

- Designed for high speed and high drive ratio applications
- Manufactured using the latest belt technology

D&D Dura-Extreme Metric Belt

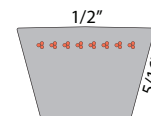
- Recommended for Metric applications with smaller diameter pulleys
- Single, raw edge, cogged belts that provide extreme belt performance

D&D Dura-Extreme Wedge Belt

- Narrow, Deeper Wedge Shape V
- Higher power capability and more efficient load carrying characteristics
- Allows for smaller and more compact drives
- Cogged for superior flexibility
- Recommended for applications with smaller diameter pulleys
- Manufactured using the latest belt technology

1/2" A / 4L V BELTS

A13 / 4L150	A36 / 4L380	A59 / 4L610	A82 / 4L840	A105 / 4L1070	A128 / 4L1300
A14 / 4L160	A37 / 4L390	A60 / 4L620	A83 / 4L850	A106 / 4L1080	A129 / 4L1310
A15 / 4L170	A38 / 4L400	A61 / 4L630	A84 / 4L860	A107 / 4L1090	A130 / 4L1320
A16 / 4L180	A39 / 4L410	A62 / 4L640	A85 / 4L870	A108 / 4L1100	A131 / 4L1330
A17 / 4L190	A40 / 4L420	A63 / 4L650	A86 / 4L880	A109 / 4L1110	A132 / 4L1340
A18 / 4L200	A41 / 4L430	A64 / 4L660	A87 / 4L890	A110 / 4L1120	A133 / 4L1350
A19 / 4L210	A42 / 4L440	A65 / 4L670	A88 / 4L900	A111 / 4L1130	A134 / 4L1360
A20 / 4L220	A43 / 4L450	A66 / 4L680	A89 / 4L910	A112 / 4L1140	A135 / 4L1370
A21 / 4L230	A44 / 4L460	A67 / 4L690	A90 / 4L920	A113 / 4L1150	A136 / 4L1380
A22 / 4L240	A45 / 4L470	A68 / 4L700	A91 / 4L930	A114 / 4L1160	A137 / 4L1390
A23 / 4L250	A46 / 4L480	A69 / 4L710	A92 / 4L940	A115 / 4L1170	A138 / 4L1400
A24 / 4L260	A47 / 4L490	A70 / 4L720	A93 / 4L950	A116 / 4L1180	A139 / 4L1410
A25 / 4L270	A48 / 4L500	A71 / 4L730	A94 / 4L960	A117 / 4L1190	A140 / 4L1420
A26 / 4L280	A49 / 4L510	A72 / 4L740	A95 / 4L970	A118 / 4L1200	A141 / 4L1430
A27 / 4L290	A50 / 4L520	A73 / 4L750	A96 / 4L980	A119 / 4L1210	A142 / 4L1440
A28 / 4L300	A51 / 4L530	A74 / 4L760	A97 / 4L990	A120 / 4L1220	A143 / 4L1450
A29 / 4L310	A52 / 4L540	A75 / 4L770	A98 / 4L1000	A121 / 4L1230	A144 / 4L1460
A30 / 4L320	A53 / 4L550	A76 / 4L780	A99 / 4L1010	A122 / 4L1240	A145 / 4L1470
A31 / 4L330	A54 / 4L560	A77 / 4L790	A100 / 4L1020	A123 / 4L1250	A146 / 4L1480
A32 / 4L340	A55 / 4L570	A78 / 4L800	A101 / 4L1030	A124 / 4L1260	A147 / 4L1490
A33 / 4L350	A56 / 4L580	A79 / 4L810	A102 / 4L1040	A125 / 4L1270	A148 / 4L1250
A34 / 4L360	A57 / 4L590	A80 / 4L820	A103 / 4L1050	A126 / 4L1280	A149 / 4L1510
A35 / 4L370	A58 / 4L600	A81 / 4L830	A104 / 4L1060	A127 / 4L1290	A150 / 4L1520

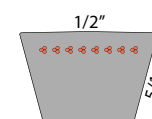


- 1/2" Top Width
- 5/16" Thick
- Inside circumference is 2" less than the outside circumference
- More A / 4L belts are available. Email us to have our full line of A / 4L belts sent to you

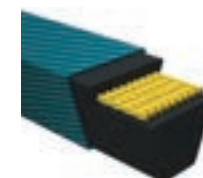


1/2" AK / 4LK KEVLAR REINFORCED V BELTS

A13K	A33K	A53K	A73K	A93K	A113K	A133K
A14K	A34K	A54K	A74K	A94K	A114K	A134K
A15K	A35K	A55K	A75K	A95K	A115K	A135K
A16K	A36K	A56K	A76K	A96K	A116K	A136K
A17K	A37K	A57K	A77K	A97K	A117K	A137K
A18K	A38K	A58K	A78K	A98K	A118K	A138K
A19K	A39K	A59K	A79K	A99K	A119K	A139K
A20K	A40K	A60K	A80K	A100K	A120K	A140K
A21K	A41K	A61K	A81K	A101K	A121K	A141K
A22K	A42K	A62K	A82K	A102K	A122K	A142K
A23K	A43K	A63K	A83K	A103K	A123K	A143K
A24K	A44K	A64K	A84K	A104K	A124K	A144K
A25K	A45K	A65K	A85K	A105K	A125K	A145K
A26K	A46K	A66K	A86K	A106K	A126K	A146K
A27K	A47K	A67K	A87K	A107K	A127K	A147K
A28K	A48K	A68K	A88K	A108K	A128K	A148K
A29K	A49K	A69K	A89K	A109K	A129K	A149K
A30K	A50K	A70K	A90K	A110K	A130K	A150K
A31K	A51K	A71K	A91K	A111K	A131K	
A32K	A52K	A72K	A92K	A112K	A132K	

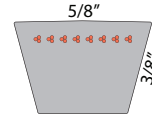


- 1/2" Top Width
- 5/16" Thick
- Inside circumference is 2" less than the outside circumference
- More AK / 4LK belts are available. Email us to have our full line of AK / 4LK belts sent to you



5/8" B / 5L V BELTS

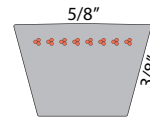
B19 / 5L220	B46 / 5L490	B73 / 5L760	B100 / 5L1030	B127 / 5L1300	B154 / 5L1570
B20 / 5L230	B47 / 5L500	B74 / 5L770	B101 / 5L1040	B128 / 5L1310	B155 / 5L1580
B21 / 5L240	B48 / 5L510	B75 / 5L780	B102 / 5L1050	B129 / 5L1320	B156 / 5L1590
B22 / 5L250	B49 / 5L520	B76 / 5L790	B103 / 5L1060	B130 / 5L1330	B157 / 5L1600
B23 / 5L260	B50 / 5L530	B77 / 5L800	B104 / 5L1070	B131 / 5L1340	B158 / 5L1610
B24 / 5L270	B51 / 5L540	B78 / 5L810	B105 / 5L1080	B132 / 5L1350	B159 / 5L1620
B25 / 5L280	B52 / 5L550	B79 / 5L820	B106 / 5L1090	B133 / 5L1360	B160 / 5L1630
B26 / 5L290	B53 / 5L560	B80 / 5L830	B107 / 5L1100	B134 / 5L1370	B161 / 5L1640
B27 / 5L300	B54 / 5L570	B81 / 5L840	B108 / 5L1110	B135 / 5L1380	B162 / 5L1650
B28 / 5L310	B55 / 5L580	B82 / 5L850	B109 / 5L1120	B136 / 5L1390	B163 / 5L1660
B29 / 5L320	B56 / 5L590	B83 / 5L860	B110 / 5L1130	B137 / 5L1400	B164 / 5L1670
B30 / 5L330	B57 / 5L600	B84 / 5L870	B111 / 5L1140	B138 / 5L1410	B165 / 5L1680
B31 / 5L340	B58 / 5L610	B85 / 5L880	B112 / 5L1150	B139 / 5L1420	B166 / 5L1690
B32 / 5L350	B59 / 5L620	B86 / 5L890	B113 / 5L1160	B140 / 5L1430	B167 / 5L1700
B33 / 5L360	B60 / 5L630	B87 / 5L900	B114 / 5L1170	B141 / 5L1440	B168 / 5L1710
B34 / 5L370	B61 / 5L640	B88 / 5L910	B115 / 5L1180	B142 / 5L1450	B169 / 5L1720
B35 / 5L380	B62 / 5L650	B89 / 5L920	B116 / 5L1190	B143 / 5L1460	B170 / 5L1730
B36 / 5L390	B63 / 5L660	B90 / 5L930	B117 / 5L1200	B144 / 5L1470	B171 / 5L1740
B37 / 5L400	B64 / 5L670	B91 / 5L940	B118 / 5L1210	B145 / 5L1480	B172 / 5L1750
B38 / 5L410	B65 / 5L680	B92 / 5L950	B119 / 5L1220	B146 / 5L1490	B173 / 5L1760
B39 / 5L420	B66 / 5L690	B93 / 5L960	B120 / 5L1230	B147 / 5L1500	B174 / 5L1770
B40 / 5L430	B67 / 5L700	B94 / 5L970	B121 / 5L1240	B148 / 5L1510	B175 / 5L1780
B41 / 5L440	B68 / 5L710	B95 / 5L980	B122 / 5L1250	B149 / 5L1520	B176 / 5L1790
B42 / 5L450	B69 / 5L720	B96 / 5L990	B123 / 5L1260	B150 / 5L1530	B177 / 5L1800
B43 / 5L460	B70 / 5L730	B97 / 5L1000	B124 / 5L1270	B151 / 5L1540	B178 / 5L1810
B44 / 5L470	B71 / 5L740	B98 / 5L1010	B125 / 5L1280	B152 / 5L1550	B179 / 5L1820
B45 / 5L480	B72 / 5L750	B99 / 5L1020	B126 / 5L1290	B153 / 5L1560	B180 / 5L1830



- 5/8" Top Width
- 3/8" Thick
- Inside circumference is 3" less than the outside circumference
- More B / 5L belts are available. Email us to have our full line of B belts sent to you

5/8" BK / 5LK KEVLAR REINFORCED V BELTS

B20K	B40K	B60K	B80K	B100K	B120K	B140K	B160K
B21K	B41K	B61K	B81K	B101K	B121K	B141K	B161K
B22K	B42K	B62K	B82K	B102K	B122K	B142K	B162K
B23K	B43K	B63K	B83K	B103K	B123K	B143K	B163K
B24K	B44K	B64K	B84K	B104K	B124K	B144K	B164K
B25K	B45K	B65K	B85K	B105K	B125K	B145K	B165K
B26K	B46K	B66K	B86K	B106K	B126K	B146K	B166K
B27K	B47K	B67K	B87K	B107K	B127K	B147K	B167K
B28K	B48K	B68K	B88K	B108K	B128K	B148K	B170K
B29K	B49K	B69K	B89K	B109K	B129K	B149K	B172K
B30K	B50K	B70K	B90K	B110K	B130K	B150K	B173K
B31K	B51K	B71K	B91K	B111K	B131K	B151K	B175K
B32K	B52K	B72K	B92K	B112K	B132K	B152K	B177K
B33K	B53K	B73K	B93K	B113K	B133K	B153K	B179K
B34K	B54K	B74K	B94K	B114K	B134K	B154K	B180K
B35K	B55K	B75K	B95K	B115K	B135K	B155K	
B36K	B56K	B76K	B96K	B116K	B136K	B156K	
B37K	B57K	B77K	B97K	B117K	B137K	B157K	
B38K	B58K	B78K	B98K	B118K	B138K	B158K	
B39K	B59K	B79K	B99K	B119K	B139K	B159K	



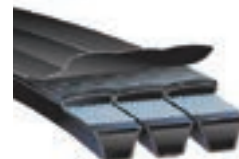
- 5/8" Top Width
- 3/8" Thick
- Inside circumference is 3" less than the outside circumference
- More BK / 5LK belts are available. Email us to have our full line of BK / 5LK belts sent to you

1/2" BANDED A / 4L & 5/8" BANDED B / 5L BELTS

1/2" BANDED A / 4L V BELTS

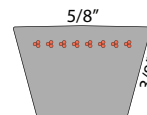
2 / A48	2 Banded A48 / 4L500	2 / A76	2 Banded A76 / 4L780	2 / A104	2 Banded A104 / 4L1060
2 / A49	2 Banded A49 / 4L510	2 / A77	2 Banded A77 / 4L790	2 / A105	2 Banded A105 / 4L1070
2 / A50	2 Banded A50 / 4L520	2 / A78	2 Banded A78 / 4L800	2 / A106	2 Banded A106 / 4L1080
2 / A51	2 Banded A51 / 4L530	2 / A79	2 Banded A79 / 4L810	2 / A107	2 Banded A107 / 4L1090
2 / A52	2 Banded A52 / 4L540	2 / A80	2 Banded A80 / 4L820	2 / A108	2 Banded A108 / 4L1100
2 / A53	2 Banded A53 / 4L550	2 / A81	2 Banded A81 / 4L830	2 / A109	2 Banded A109 / 4L1110
2 / A54	2 Banded A54 / 4L560	2 / A82	2 Banded A82 / 4L840	2 / A110	2 Banded A110 / 4L1120
2 / A55	2 Banded A55 / 4L570	2 / A83	2 Banded A83 / 4L850	2 / A112	2 Banded A112 / 4L1140
2 / A56	2 Banded A56 / 4L580	2 / A84	2 Banded A84 / 4L860	2 / A115	2 Banded A115 / 4L1170
2 / A57	2 Banded A57 / 4L590	2 / A85	2 Banded A85 / 4L870	2 / A116	2 Banded A116 / 4L1180
2 / A58	2 Banded A58 / 4L600	2 / A86	2 Banded A86 / 4L880	2 / A117	2 Banded A117 / 4L1190
2 / A59	2 Banded A59 / 4L610	2 / A87	2 Banded A87 / 4L890	2 / A118	2 Banded A118 / 4L1200
2 / A60	2 Banded A60 / 4L620	2 / A88	2 Banded A88 / 4L900	2 / A119	2 Banded A119 / 4L1210
2 / A61	2 Banded A61 / 4L630	2 / A89	2 Banded A89 / 4L910	2 / A120	2 Banded A120 / 4L1220
2 / A62	2 Banded A62 / 4L640	2 / A90	2 Banded A90 / 4L920	2 / A121	2 Banded A121 / 4L1230
2 / A63	2 Banded A63 / 4L650	2 / A91	2 Banded A91 / 4L930	2 / A123	2 Banded A123 / 4L1250
2 / A64	2 Banded A64 / 4L660	2 / A92	2 Banded A92 / 4L940	2 / A124	2 Banded A124 / 4L1260
2 / A65	2 Banded A65 / 4L670	2 / A93	2 Banded A93 / 4L950	2 / A126	2 Banded A126 / 4L1280
2 / A66	2 Banded A66 / 4L680	2 / A94	2 Banded A94 / 4L960	2 / A127	2 Banded A127 / 4L1290
2 / A67	2 Banded A67 / 4L690	2 / A95	2 Banded A95 / 4L970	2 / A128	2 Banded A128 / 4L1300
2 / A68	2 Banded A68 / 4L700	2 / A96	2 Banded A96 / 4L980	2 / A130	2 Banded A130 / 4L1320
2 / A69	2 Banded A69 / 4L710	2 / A97	2 Banded A97 / 4L990	2 / A133	2 Banded A133 / 4L1350
2 / A70	2 Banded A70 / 4L720	2 / A98	2 Banded A98 / 4L1000	2 / A135	2 Banded A135 / 4L1370
2 / A71	2 Banded A71 / 4L730	2 / A99	2 Banded A99 / 4L1010	2 / A136	2 Banded A136 / 4L1380
2 / A72	2 Banded A72 / 4L740	2 / A100	2 Banded A100 / 4L1020	2 / A139	2 Banded A139 / 4L1410
2 / A73	2 Banded A73 / 4L750	2 / A101	2 Banded A101 / 4L1030	2 / A142	2 Banded A142 / 4L1440
2 / A74	2 Banded A74 / 4L760	2 / A102	2 Banded A102 / 4L1040	2 / A144	2 Banded A144 / 4L1460
2 / A75	2 Banded A75 / 4L770	2 / A103	2 Banded A103 / 4L1050	2 / A150	2 Banded A150 / 4L1520

- 2 A belts banded together
- 5/16" Thick
- Inside circumference is 2" less than the outside circumference
- Banded A belts are available from 2 bands to 20 bands. Email us to receive our full line of banded A belts



5/8" BANDED B / 5L V BELTS

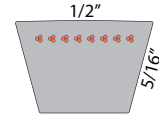
2/B48	2 Banded B48 / 5L510	2/B73	2 Banded B73 / 5L760	2/B98	2 Banded B98 / 5L1010
2/B49	2 Banded B49 / 5L520	2/B74	2 Banded B74 / 5L770	2/B99	2 Banded B99 / 5L1020
2/B50	2 Banded B50 / 5L530	2/B75	2 Banded B75 / 5L780	2/B100	2 Banded B100 / 5L1030
2/B51	2 Banded B51 / 5L540	2/B76	2 Banded B76 / 5L790	2/B101	2 Banded B101 / 5L1040
2/B52	2 Banded B52 / 5L550	2/B77	2 Banded B77 / 5L800	2/B102	2 Banded B102 / 5L1050
2/B53	2 Banded B53 / 5L560	2/B78	2 Banded B78 / 5L810	2/B103	2 Banded B103 / 5L1060
2/B54	2 Banded B54 / 5L570	2/B79	2 Banded B79 / 5L820	2/B104	2 Banded B104 / 5L1070
2/B55	2 Banded B55 / 5L580	2/B80	2 Banded B80 / 5L830	2/B105	2 Banded B105 / 5L1080
2/B56	2 Banded B56 / 5L590	2/B81	2 Banded B81 / 5L840	2/B106	2 Banded B106 / 5L1090
2/B57	2 Banded B57 / 5L600	2/B82	2 Banded B82 / 5L850	2/B107	2 Banded B107 / 5L1100
2/B58	2 Banded B58 / 5L610	2/B83	2 Banded B83 / 5L860	2/B108	2 Banded B108 / 5L1110
2/B59	2 Banded B59 / 5L620	2/B84	2 Banded B84 / 5L870	2/B109	2 Banded B109 / 5L1120
2/B60	2 Banded B60 / 5L630	2/B85	2 Banded B85 / 5L880	2/B110	2 Banded B110 / 5L1130
2/B61	2 Banded B61 / 5L640	2/B86	2 Banded B86 / 5L890	2/B111	2 Banded B111 / 5L1140
2/B62	2 Banded B62 / 5L650	2/B87	2 Banded B87 / 5L900	2/B112	2 Banded B112 / 5L1150
2/B63	2 Banded B63 / 5L660	2/B88	2 Banded B88 / 5L910	2/B113	2 Banded B113 / 5L1160
2/B64	2 Banded B64 / 5L670	2/B89	2 Banded B89 / 5L920	2/B114	2 Banded B114 / 5L1170
2/B65	2 Banded B65 / 5L680	2/B90	2 Banded B90 / 5L930	2/B115	2 Banded B115 / 5L1180
2/B66	2 Banded B66 / 5L690	2/B91	2 Banded B91 / 5L940	2/B116	2 Banded B116 / 5L1190
2/B67	2 Banded B67 / 5L700	2/B92	2 Banded B92 / 5L950	2/B117	2 Banded B117 / 5L1200
2/B68	2 Banded B68 / 5L710	2/B93	2 Banded B93 / 5L960	2/B118	2 Banded B118 / 5L1210
2/B69	2 Banded B69 / 5L720	2/B94	2 Banded B94 / 5L970	2/B119	2 Banded B119 / 5L1220
2/B70	2 Banded B70 / 5L730	2/B95	2 Banded B95 / 5L980	2/B120	2 Banded B120 / 5L1230
2/B71	2 Banded B71 / 5L740	2/B96	2 Banded B96 / 5L990		
2/B72	2 Banded B72 / 5L750	2/B97	2 Banded B97 / 5L1000		



- 2 B belts banded together
- 3/8" Thick
- Inside circumference is 3" less than the outside circumference
- Banded B belts are available from 2 bands to 16 bands. Email us to have our full line of banded B / 5L belts sent to you

1/2" AX SERIES COGGED V BELTS

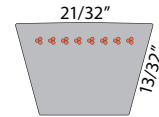
AX18	AX28	AX39	AX49	AX59	AX69	AX79	AX89	AX99	AX109	AX128
AX19	AX30	AX40	AX50	AX60	AX70	AX80	AX90	AX100	AX110	AX130
AX20	AX31	AX41	AX51	AX61	AX71	AX81	AX91	AX101	AX112	AX134
AX21	AX32	AX42	AX52	AX62	AX72	AX82	AX92	AX102	AX115	AX136
AX22	AX33	AX43	AX53	AX63	AX73	AX83	AX93	AX103	AX116	AX144
AX23	AX34	AX44	AX54	AX64	AX74	AX84	AX94	AX104	AX118	AX158
AX24	AX35	AX45	AX55	AX65	AX75	AX85	AX95	AX105	AX120	AX167
AX25	AX36	AX46	AX56	AX66	AX76	AX86	AX96	AX106	AX121	AX173
AX26	AX37	AX47	AX57	AX67	AX77	AX87	AX97	AX107	AX124	AX180
AX27	AX38	AX48	AX58	AX68	AX78	AX88	AX98	AX108	AX125	AX197



- 1/2" Top Width
- 5/16" Thick
- Inside circumference is 2" less than the outside circumference
- All standard AX belts are shown
- Banded AX belts are available. Email us to have our full line of Banded AX belts sent to you

5/8" BX SERIES COGGED V BELTS

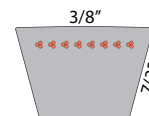
BX20	BX41	BX55	BX69	BX83	BX97	BX112	BX132	BX158
BX21	BX42	BX56	BX70	BX84	BX98	BX113	BX133	BX160
BX22	BX43	BX57	BX71	BX85	BX99	BX114	BX134	BX162
BX30	BX44	BX58	BX72	BX86	BX100	BX115	BX136	BX164
BX31	BX45	BX59	BX73	BX87	BX101	BX116	BX138	BX166
BX32	BX46	BX60	BX74	BX88	BX102	BX117	BX140	BX173
BX33	BX47	BX61	BX75	BX89	BX103	BX118	BX144	BX175
BX34	BX48	BX62	BX76	BX90	BX104	BX120	BX146	BX180
BX35	BX49	BX63	BX77	BX91	BX105	BX122	BX148	BX192
BX36	BX50	BX64	BX78	BX92	BX106	BX123	BX150	BX195
BX37	BX51	BX65	BX79	BX93	BX107	BX124	BX151	
BX38	BX52	BX66	BX80	BX94	BX108	BX125	BX152	
BX39	BX53	BX67	BX81	BX95	BX109	BX126	BX154	
BX40	BX54	BX68	BX82	BX96	BX110	BX130	BX157	



- 21/32" Top Width
- 13/32" Thick
- Inside circumference is 3" less than the outside circumference
- All standard BX belts are shown
- Banded BX belts are available. Email us to have our full line of banded BX belts sent to you

3/8" 3L V BELTS

3L130	3L245	3L325	3L410	3L540	3L670
3L140	3L250	3L330	3L415	3L550	3L675
3L150	3L255	3L335	3L420	3L560	3L680
3L160	3L260	3L340	3L425	3L565	3L690
3L170	3L265	3L345	3L430	3L570	3L700
3L180	3L270	3L350	3L440	3L580	3L710
3L190	3L275	3L355	3L450	3L590	3L720
3L200	3L280	3L360	3L460	3L595	3L730
3L205	3L285	3L365	3L470	3L600	3L740
3L208	3L290	3L370	3L480	3L610	3L750
3L210	3L293	3L375	3L490	3L620	
3L220	3L295	3L380	3L495	3L630	
3L225	3L300	3L385	3L500	3L640	
3L230	3L305	3L390	3L510	3L645	
3L235	3L310	3L400	3L520	3L650	
3L240	3L320	3L405	3L530	3L660	



- 3/8" Top Width
- 7/32" Thick
- Inside circumference is 1.5" less than the outside circumference
- All 3L belts are shown. Kevlar wrapped 3LK belts are available. Email us to have our full line of 3LK belts sent to you

J SERIES SERPENTINE BELTS

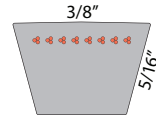
135J6	280J6	376J6	497J6	620J6	795J6
140J6	285J6	380J6	500J6	625J6	810J6
150J6	290J6	385J6	505J6	630J6	820J6
155J6	295J6	390J6	506J6	640J6	840J6
160J6	300J6	400J6	510J6	650J6	848J6
162J6	310J6	410J6	512J6	655J6	870J6
170J6	315J6	413J6	515J6	670J6	880J6
175J6	316J6	415J6	518J6	680J6	890J6
180J6	320J6	420J6	520J6	690J6	895J6
185J6	323J6	425J6	525J6	700J6	900J6
190J6	329J6	430J6	530J6	710J6	902J6
195J6	330J6	435J6	534J6	730J6	904J6
200J6	331J6	437J6	540J6	740J6	920J6
210J6	335J6	440J6	550J6	746J6	930J6
215J6	340J6	442J6	560J6	750J6	940J6
220J6	345J6	445J6	562J6	752J6	950J6
230J6	347J6	450J6	567J6	754J6	960J6
235J6	350J6	453J6	570J6	760J6	970J6
240J6	355J6	460J6	575J6	770J6	980J6
245J6	360J6	470J6	580J6	774J6	1000J6
250J6	365J6	473J6	581J6	775J6	1200J6
260J6	370J6	480J6	590J6	780J6	1300J6
262J6	374J6	481J6	600J6	784J6	
270J6	375J6	490J6	610J6	785J6	

- J series serpentine belts are available 2 ribs to 24 ribs. All belts shown on this page are 6 rib.
- All 6 rib J series belts are shown. Email us to have our full line of 2 to 24 rib J series belts sent to you
- There are over 5,000 different options for the K Series and L Series serpentine belts. If you are looking for K or L series serpentine belts, please email us. We can send you available options

3VX COGGED BELTS • 5VX COGGED BELTS

3VX SERIES COGGED V BELTS

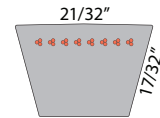
3VX205	3VX300	3VX366	3VX450	3VX540	3VX690	3VX830	3VX1250
3VX210	3VX310	3VX370	3VX460	3VX550	3VX700	3VX850	3VX1280
3VX220	3VX315	3VX375	3VX464	3VX560	3VX710	3VX880	3VX1300
3VX230	3VX325	3VX380	3VX465	3VX570	3VX720	3VX900	3VX1320
3VX235	3VX326	3VX385	3VX470	3VX580	3VX730	3VX920	3VX1370
3VX240	3VX330	3VX390	3VX475	3VX590	3VX740	3VX926	3VX1400
3VX250	3VX335	3VX400	3VX485	3VX600	3VX750	3VX950	3VX1500
3VX255	3VX340	3VX405	3VX487	3VX610	3VX760	3VX1000	
3VX260	3VX350	3VX415	3VX490	3VX630	3VX765	3VX1060	
3VX265	3VX355	3VX420	3VX500	3VX650	3VX780	3VX1120	
3VX280	3VX360	3VX425	3VX520	3VX660	3VX800	3VX1146	
3VX290	3VX365	3VX430	3VX530	3VX670	3VX820	3VX1180	



- 3/8" Top Width
- 5/16" Thick
- Inside circumference is 1" less than the outside circumference
- All 3VX belts are shown. Non cogged 3V belts are available. Email us to have our full line of 3V belts sent to you

5VX SERIES COGGED BELTS

5VX315	5VX520	5VX650	5VX780	5VX900	5VX1060	5VX1220	5VX1700
5VX350	5VX530	5VX660	5VX790	5VX910	5VX1080	5VX1230	5VX1750
5VX390	5VX540	5VX670	5VX800	5VX920	5VX1084	5VX1250	5VX1800
5VX400	5VX550	5VX680	5VX810	5VX930	5VX1100	5VX1277	5VX1900
5VX425	5VX560	5VX690	5VX820	5VX940	5VX1108	5VX1300	5VX2000
5VX450	5VX570	5VX700	5VX830	5VX950	5VX1120	5VX1320	5VX2120
5VX460	5VX580	5VX710	5VX840	5VX960	5VX1130	5VX1360	
5VX470	5VX590	5VX720	5VX850	5VX978	5VX1139	5VX1374	
5VX475	5VX600	5VX730	5VX860	5VX990	5VX1150	5VX1400	
5VX480	5VX610	5VX740	5VX867	5VX1000	5VX1160	5VX1420	
5VX490	5VX620	5VX750	5VX870	5VX1017	5VX1180	5VX1469	
5VX500	5VX630	5VX760	5VX880	5VX1030	5VX1200	5VX1500	
5VX510	5VX640	5VX770	5VX890	5VX1050	5VX1210	5VX1600	



- 21/32" Top Width
- 17/32" Thick
- Inside circumference is 4" less than the outside circumference
- All 5VX belts are shown
- Non cogged 5V belts are available. Email us to have our full line of 5V belts sent to you

NEED HELP ORDERING A BELT, AND YOU DO NOT KNOW THE OEM PART NUMBER?

WE CAN HELP



Please email the following to: orders@controlsandcomponents.com

- 1 A picture of belt with tape measure in background. This will help with identification
- 2 Top Width Measurement
Outside Circumference
Bottom Width (if applicable)

If you are unsure how to measure, search online "How to measure a V-Belt video" to view techniques used to determine V-belt sizes

BANDED 3VX COGGED BELTS

2 / 3VX250	2 Banded 3VX250	3 / 3VX250	3 Banded 3VX250	4 / 3VX250	4 Banded 3VX250
2 / 3VX265	2 Banded 3VX265	3 / 3VX265	3 Banded 3VX265	4 / 3VX265	4 Banded 3VX265
2 / 3VX280	2 Banded 3VX280	3 / 3VX280	3 Banded 3VX280	4 / 3VX280	4 Banded 3VX280
2 / 3VX300	2 Banded 3VX300	3 / 3VX300	3 Banded 3VX300	4 / 3VX300	4 Banded 3VX300
2 / 3VX315	2 Banded 3VX315	3 / 3VX315	3 Banded 3VX315	4 / 3VX315	4 Banded 3VX315
2 / 3VX335	2 Banded 3VX335	3 / 3VX335	3 Banded 3VX335	4 / 3VX335	4 Banded 3VX335
2 / 3VX340	2 Banded 3VX340	3 / 3VX340	3 Banded 3VX340	4 / 3VX340	4 Banded 3VX340
2 / 3VX355	2 Banded 3VX355	3 / 3VX355	3 Banded 3VX355	4 / 3VX355	4 Banded 3VX355
2 / 3VX360	2 Banded 3VX360	3 / 3VX360	3 Banded 3VX360	4 / 3VX360	4 Banded 3VX360
2 / 3VX375	2 Banded 3VX375	3 / 3VX375	3 Banded 3VX375	4 / 3VX375	4 Banded 3VX375
2 / 3VX400	2 Banded 3VX400	3 / 3VX400	3 Banded 3VX400	4 / 3VX400	4 Banded 3VX400
2 / 3VX415	2 Banded 3VX415	3 / 3VX415	3 Banded 3VX415	4 / 3VX415	4 Banded 3VX415
2 / 3VX425	2 Banded 3VX425	3 / 3VX425	3 Banded 3VX425	4 / 3VX425	4 Banded 3VX425
2 / 3VX430	2 Banded 3VX430	3 / 3VX430	3 Banded 3VX430	4 / 3VX430	4 Banded 3VX430
2 / 3VX450	2 Banded 3VX450	3 / 3VX450	3 Banded 3VX450	4 / 3VX450	4 Banded 3VX450
2 / 3VX460	2 Banded 3VX460	3 / 3VX460	3 Banded 3VX460	4 / 3VX460	4 Banded 3VX460
2 / 3VX465	2 Banded 3VX465	3 / 3VX465	3 Banded 3VX465	4 / 3VX465	4 Banded 3VX465
2 / 3VX470	2 Banded 3VX470	3 / 3VX470	3 Banded 3VX470	4 / 3VX470	4 Banded 3VX470
2 / 3VX475	2 Banded 3VX475	3 / 3VX475	3 Banded 3VX475	4 / 3VX475	4 Banded 3VX475
2 / 3VX485	2 Banded 3VX485	3 / 3VX485	3 Banded 3VX485	4 / 3VX485	4 Banded 3VX485
2 / 3VX490	2 Banded 3VX490	3 / 3VX490	3 Banded 3VX490	4 / 3VX490	4 Banded 3VX490
2 / 3VX500	2 Banded 3VX500	3 / 3VX500	3 Banded 3VX500	4 / 3VX500	4 Banded 3VX500
2 / 3VX520	2 Banded 3VX520	3 / 3VX520	3 Banded 3VX520	4 / 3VX520	4 Banded 3VX520
2 / 3VX530	2 Banded 3VX530	3 / 3VX530	3 Banded 3VX530	4 / 3VX530	4 Banded 3VX530
2 / 3VX550	2 Banded 3VX550	3 / 3VX550	3 Banded 3VX550	4 / 3VX550	4 Banded 3VX550
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2 / 3VX570	2 Banded 3VX570	3 / 3VX570	3 Banded 3VX570	4 / 3VX570	4 Banded 3VX570
2 / 3VX580	2 Banded 3VX580	3 / 3VX580	3 Banded 3VX580	4 / 3VX580	4 Banded 3VX580
2 / 3VX600	2 Banded 3VX600	3 / 3VX600	3 Banded 3VX600	4 / 3VX600	4 Banded 3VX600
2 / 3VX630	2 Banded 3VX630	3 / 3VX630	3 Banded 3VX630	4 / 3VX630	4 Banded 3VX630
2 / 3VX670	2 Banded 3VX670	3 / 3VX670	3 Banded 3VX670	4 / 3VX670	4 Banded 3VX670
2 / 3VX690	2 Banded 3VX690	3 / 3VX690	3 Banded 3VX690	4 / 3VX690	4 Banded 3VX690
2 / 3VX710	2 Banded 3VX710	3 / 3VX710	3 Banded 3VX710	4 / 3VX710	4 Banded 3VX710
2 / 3VX750	2 Banded 3VX750	3 / 3VX750	3 Banded 3VX750	4 / 3VX750	4 Banded 3VX750
2 / 3VX800	2 Banded 3VX800	3 / 3VX800	3 Banded 3VX800	4 / 3VX800	4 Banded 3VX800
2 / 3VX820	2 Banded 3VX820	3 / 3VX820	3 Banded 3VX820	4 / 3VX820	4 Banded 3VX820
2 / 3VX850	2 Banded 3VX850	3 / 3VX850	3 Banded 3VX850	4 / 3VX850	4 Banded 3VX850
2 / 3VX900	2 Banded 3VX900	3 / 3VX900	3 Banded 3VX900	4 / 3VX900	4 Banded 3VX900
2 / 3VX950	2 Banded 3VX950	3 / 3VX950	3 Banded 3VX950	4 / 3VX950	4 Banded 3VX950
2 / 3VX1000	2 Banded 3VX1000	3 / 3VX1000	3 Banded 3VX1000	4 / 3VX1000	4 Banded 3VX1000
2 / 3VX1060	2 Banded 3VX1060	3 / 3VX1060	3 Banded 3VX1060	4 / 3VX1060	4 Banded 3VX1060
2 / 3VX1120	2 Banded 3VX1120	3 / 3VX1120	3 Banded 3VX1120	4 / 3VX1120	4 Banded 3VX1120
2 / 3VX1180	2 Banded 3VX1180	3 / 3VX1180	3 Banded 3VX1180	4 / 3VX1180	4 Banded 3VX1180
2 / 3VX1250	2 Banded 3VX1250	3 / 3VX1250	3 Banded 3VX1250	4 / 3VX1250	4 Banded 3VX1250
2 / 3VX1320	2 Banded 3VX1320	3 / 3VX1320	3 Banded 3VX1320	4 / 3VX1320	4 Banded 3VX1320
2 / 3VX1400	2 Banded 3VX1400	3 / 3VX1400	3 Banded 3VX1400	4 / 3VX1400	4 Banded 3VX1400
2 / 3VX1500	2 Banded 3VX1500	3 / 3VX1500	3 Banded 3VX1500	4 / 3VX1500	4 Banded 3VX1500

- 5/16" Thick
- Inside circumference is 1" less than the outside circumference
- Banded 3VX belts are available from 2 bands to 8 bands. Email us to have our full line of banded 3VX belts sent to you.
- Non cogged 3V banded belts are available. Email us to have our full line of 3V banded belts sent to you

BANDED 5VX COGGED BELTS

5VX SERIES COGGED V BELTS

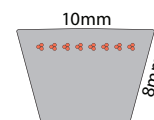
2 / 5VX450	2 Banded 5VX450	2 / 5VX1090	2 Banded 5VX1090	3 / 5VX860	3 Banded 5VX860	4 / 5VX670	4 Banded 5VX670
2 / 5VX470	2 Banded 5VX470	2 / 5VX1120	2 Banded 5VX1120	3 / 5VX870	3 Banded 5VX870	4 / 5VX680	4 Banded 5VX680
2 / 5VX490	2 Banded 5VX490	2 / 5VX1150	2 Banded 5VX1150	3 / 5VX880	3 Banded 5VX880	4 / 5VX690	4 Banded 5VX690
2 / 5VX500	2 Banded 5VX500	2 / 5VX1160	2 Banded 5VX1160	3 / 5VX885	3 Banded 5VX885	4 / 5VX700	4 Banded 5VX700
2 / 5VX510	2 Banded 5VX510	2 / 5VX1180	2 Banded 5VX1180	3 / 5VX900	3 Banded 5VX900	4 / 5VX710	4 Banded 5VX710
2 / 5VX530	2 Banded 5VX530	2 / 5VX1200	2 Banded 5VX1200	3 / 5VX920	3 Banded 5VX920	4 / 5VX730	4 Banded 5VX730
2 / 5VX540	2 Banded 5VX540	2 / 5VX1230	2 Banded 5VX1230	3 / 5VX930	3 Banded 5VX930	4 / 5VX740	4 Banded 5VX740
2 / 5VX550	2 Banded 5VX550	2 / 5VX1250	2 Banded 5VX1250	3 / 5VX950	3 Banded 5VX950	4 / 5VX750	4 Banded 5VX750
2 / 5VX560	2 Banded 5VX560	2 / 5VX1320	2 Banded 5VX1320	3 / 5VX960	3 Banded 5VX960	4 / 5VX780	4 Banded 5VX780
2 / 5VX570	2 Banded 5VX570	2 / 5VX1360	2 Banded 5VX1360	3 / 5VX1000	3 Banded 5VX1000	4 / 5VX800	4 Banded 5VX800
2 / 5VX580	2 Banded 5VX580	2 / 5VX1400	2 Banded 5VX1400	3 / 5VX1030	3 Banded 5VX1030	4 / 5VX810	4 Banded 5VX810
2 / 5VX590	2 Banded 5VX590	2 / 5VX1500	2 Banded 5VX1500	3 / 5VX1040	3 Banded 5VX1040	4 / 5VX815	4 Banded 5VX815
2 / 5VX600	2 Banded 5VX600	2 / 5VX1600	2 Banded 5VX1600	3 / 5VX1060	3 Banded 5VX1060	4 / 5VX820	4 Banded 5VX820
2 / 5VX610	2 Banded 5VX610	2 / 5VX1700	2 Banded 5VX1700	3 / 5VX1070	3 Banded 5VX1070	4 / 5VX830	4 Banded 5VX830
2 / 5VX630	2 Banded 5VX630	2 / 5VX1800	2 Banded 5VX1800	3 / 5VX1075	3 Banded 5VX1075	4 / 5VX835	4 Banded 5VX835
2 / 5VX650	2 Banded 5VX650	2 / 5VX1900	2 Banded 5VX1900	3 / 5VX1080	3 Banded 5VX1080	4 / 5VX840	4 Banded 5VX840
2 / 5VX660	2 Banded 5VX660	2 / 5VX2000	2 Banded 5VX2000	3 / 5VX1085	3 Banded 5VX1085	4 / 5VX850	4 Banded 5VX850
2 / 5VX670	2 Banded 5VX670	3 / 5VX450	3 Banded 5VX450	3 / 5VX1090	3 Banded 5VX1090	4 / 5VX860	4 Banded 5VX860
2 / 5VX680	2 Banded 5VX680	3 / 5VX470	3 Banded 5VX470	3 / 5VX1120	3 Banded 5VX1120	4 / 5VX870	4 Banded 5VX870
2 / 5VX690	2 Banded 5VX690	3 / 5VX490	3 Banded 5VX490	3 / 5VX1150	3 Banded 5VX1150	4 / 5VX880	4 Banded 5VX880
2 / 5VX700	2 Banded 5VX700	3 / 5VX500	3 Banded 5VX500	3 / 5VX1160	3 Banded 5VX1160	4 / 5VX885	4 Banded 5VX885
2 / 5VX710	2 Banded 5VX710	3 / 5VX510	3 Banded 5VX510	3 / 5VX1180	3 Banded 5VX1180	4 / 5VX900	4 Banded 5VX900
2 / 5VX730	2 Banded 5VX730	3 / 5VX530	3 Banded 5VX530	3 / 5VX1200	3 Banded 5VX1200	4 / 5VX920	4 Banded 5VX920
2 / 5VX740	2 Banded 5VX740	3 / 5VX540	3 Banded 5VX540	3 / 5VX1230	3 Banded 5VX1230	4 / 5VX930	4 Banded 5VX930
2 / 5VX750	2 Banded 5VX750	3 / 5VX550	3 Banded 5VX550	3 / 5VX1250	3 Banded 5VX1250	4 / 5VX950	4 Banded 5VX950
2 / 5VX780	2 Banded 5VX780	3 / 5VX560	3 Banded 5VX560	3 / 5VX1320	3 Banded 5VX1320	4 / 5VX960	4 Banded 5VX960
2 / 5VX800	2 Banded 5VX800	3 / 5VX570	3 Banded 5VX570	3 / 5VX1360	3 Banded 5VX1360	4 / 5VX1000	4 Banded 5VX1000
2 / 5VX810	2 Banded 5VX810	3 / 5VX580	3 Banded 5VX580	3 / 5VX1400	3 Banded 5VX1400	4 / 5VX1030	4 Banded 5VX1030
2 / 5VX815	2 Banded 5VX815	3 / 5VX590	3 Banded 5VX590	3 / 5VX1500	3 Banded 5VX1500	4 / 5VX1040	4 Banded 5VX1040
2 / 5VX820	2 Banded 5VX820	3 / 5VX600	3 Banded 5VX600	3 / 5VX1600	3 Banded 5VX1600	4 / 5VX1060	4 Banded 5VX1060
2 / 5VX830	2 Banded 5VX830	3 / 5VX610	3 Banded 5VX610	3 / 5VX1700	3 Banded 5VX1700	4 / 5VX1070	4 Banded 5VX1070
2 / 5VX835	2 Banded 5VX835	3 / 5VX630	3 Banded 5VX630	3 / 5VX1800	3 Banded 5VX1800	4 / 5VX1075	4 Banded 5VX1075
2 / 5VX840	2 Banded 5VX840	3 / 5VX650	3 Banded 5VX650	3 / 5VX1900	3 Banded 5VX1900	4 / 5VX1080	4 Banded 5VX1080
2 / 5VX850	2 Banded 5VX850	3 / 5VX660	3 Banded 5VX660	3 / 5VX2000	3 Banded 5VX2000	4 / 5VX1085	4 Banded 5VX1085
2 / 5VX860	2 Banded 5VX860	3 / 5VX670	3 Banded 5VX670	4 / 5VX450	4 Banded 5VX450	4 / 5VX1090	4 Banded 5VX1090
2 / 5VX870	2 Banded 5VX870	3 / 5VX680	3 Banded 5VX680	4 / 5VX470	4 Banded 5VX470	4 / 5VX1120	4 Banded 5VX1120
2 / 5VX880	2 Banded 5VX880	3 / 5VX690	3 Banded 5VX690	4 / 5VX490	4 Banded 5VX490	4 / 5VX1150	4 Banded 5VX1150
2 / 5VX885	2 Banded 5VX885	3 / 5VX700	3 Banded 5VX700	4 / 5VX500	4 Banded 5VX500	4 / 5VX1160	4 Banded 5VX1160
2 / 5VX900	2 Banded 5VX900	3 / 5VX710	3 Banded 5VX710	4 / 5VX510	4 Banded 5VX510	4 / 5VX1180	4 Banded 5VX1180
2 / 5VX920	2 Banded 5VX920	3 / 5VX730	3 Banded 5VX730	4 / 5VX530	4 Banded 5VX530	4 / 5VX1200	4 Banded 5VX1200
2 / 5VX930	2 Banded 5VX930	3 / 5VX740	3 Banded 5VX740	4 / 5VX540	4 Banded 5VX540	4 / 5VX1230	4 Banded 5VX1230
2 / 5VX950	2 Banded 5VX950	3 / 5VX750	3 Banded 5VX750	4 / 5VX550	4 Banded 5VX550	4 / 5VX1250	4 Banded 5VX1250
2 / 5VX960	2 Banded 5VX960	3 / 5VX780	3 Banded 5VX780	4 / 5VX560	4 Banded 5VX560	4 / 5VX1320	4 Banded 5VX1320
2 / 5VX1000	2 Banded 5VX1000	3 / 5VX800	3 Banded 5VX800	4 / 5VX570	4 Banded 5VX570	4 / 5VX1360	4 Banded 5VX1360
2 / 5VX1030	2 Banded 5VX1030	3 / 5VX810	3 Banded 5VX810	4 / 5VX580	4 Banded 5VX580	4 / 5VX1400	4 Banded 5VX1400
2 / 5VX1040	2 Banded 5VX1040	3 / 5VX815	3 Banded 5VX815	4 / 5VX590	4 Banded 5VX590	4 / 5VX1500	4 Banded 5VX1500
2 / 5VX1060	2 Banded 5VX1060	3 / 5VX820	3 Banded 5VX820	4 / 5VX600	4 Banded 5VX600	4 / 5VX1600	4 Banded 5VX1600
2 / 5VX1070	2 Banded 5VX1070	3 / 5VX830	3 Banded 5VX830	4 / 5VX610	4 Banded 5VX610	4 / 5VX1700	4 Banded 5VX1700
2 / 5VX1075	2 Banded 5VX1075	3 / 5VX835	3 Banded 5VX835	4 / 5VX630	4 Banded 5VX630	4 / 5VX1800	4 Banded 5VX1800
2 / 5VX1080	2 Banded 5VX1080	3 / 5VX840	3 Banded 5VX840	4 / 5VX650	4 Banded 5VX650	4 / 5VX1900	4 Banded 5VX1900
2 / 5VX1085	2 Banded 5VX1085	3 / 5VX850	3 Banded 5VX850	4 / 5VX660	4 Banded 5VX660	4 / 5VX2000	4 Banded 5VX2000

- Banded 5VX belts available in 2 to 6 bands; non-cogged 5V banded belts also available
- 17/32" thick; inside circumference measures 4" less than outside circumference

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10MM XPZ METRIC COGGED V BELTS

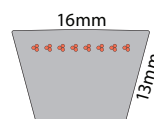
XPZ - 562	XPZ - 800	XPZ - 1012	XPZ - 1200	XPZ - 1412	XPZ - 1662	XPZ - 2137
XPZ - 587	XPZ - 812	XPZ - 1017	XPZ - 1202	XPZ - 1420	XPZ - 1680	XPZ - 2187
XPZ - 610	XPZ - 820	XPZ - 1024	XPZ - 1210	XPZ - 1437	XPZ - 1687	XPZ - 2240
XPZ - 612	XPZ - 825	XPZ - 1030	XPZ - 1212	XPZ - 1450	XPZ - 1700	XPZ - 2280
XPZ - 630	XPZ - 837	XPZ - 1037	XPZ - 1220	XPZ - 1462	XPZ - 1712	XPZ - 2360
XPZ - 637	XPZ - 850	XPZ - 1047	XPZ - 1237	XPZ - 1470	XPZ - 1737	XPZ - 2410
XPZ - 660	XPZ - 862	XPZ - 1060	XPZ - 1250	XPZ - 1480	XPZ - 1750	XPZ - 2500
XPZ - 662	XPZ - 875	XPZ - 1077	XPZ - 1262	XPZ - 1487	XPZ - 1762	XPZ - 2650
XPZ - 670	XPZ - 887	XPZ - 1080	XPZ - 1270	XPZ - 1500	XPZ - 1800	XPZ - 2750
XPZ - 687	XPZ - 900	XPZ - 1087	XPZ - 1280	XPZ - 1512	XPZ - 1837	XPZ - 2780
XPZ - 697	XPZ - 912	XPZ - 1090	XPZ - 1287	XPZ - 1520	XPZ - 1850	XPZ - 2800
XPZ - 710	XPZ - 925	XPZ - 1100	XPZ - 1312	XPZ - 1537	XPZ - 1862	XPZ - 2925
XPZ - 722	XPZ - 937	XPZ - 1112	XPZ - 1320	XPZ - 1550	XPZ - 1887	XPZ - 3150
XPZ - 737	XPZ - 940	XPZ - 1120	XPZ - 1337	XPZ - 1560	XPZ - 1900	XPZ - 3170
XPZ - 750	XPZ - 950	XPZ - 1137	XPZ - 1340	XPZ - 1562	XPZ - 1950	XPZ - 3550
XPZ - 760	XPZ - 962	XPZ - 1140	XPZ - 1350	XPZ - 1587	XPZ - 1987	XPZ - 4000
XPZ - 762	XPZ - 975	XPZ - 1150	XPZ - 1360	XPZ - 1600	XPZ - 2000	
XPZ - 772	XPZ - 987	XPZ - 1162	XPZ - 1362	XPZ - 1612	XPZ - 2030	
XPZ - 780	XPZ - 1000	XPZ - 1180	XPZ - 1387	XPZ - 1637	XPZ - 2062	
XPZ - 787	XPZ - 1010	XPZ - 1187	XPZ - 1400	XPZ - 1650	XPZ - 2120	



- 10mm Top Width
- 8mm Thick
- All XPZ belts are shown
- XPZ belts are not available in banded options
- Non cogged SPZ belts are available from 2 bands to 20 bands. Email us to have our full line of banded SPZ belts sent to you

16MM XPB METRIC COGGED V BELTS

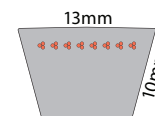
XPB - 1000	XPB - 1410	XPB - 1650	XPB - 2000	XPB - 2285	XPB - 2650	XPB - 2990	XPB - 3870
XPB - 1150	XPB - 1450	XPB - 1690	XPB - 2020	XPB - 2300	XPB - 2680	XPB - 3000	XPB - 4000
XPB - 1200	XPB - 1500	XPB - 1700	XPB - 2060	XPB - 2350	XPB - 2700	XPB - 3100	XPB - 4060
XPB - 1250	XPB - 1510	XPB - 1750	XPB - 2098	XPB - 2360	XPB - 2720	XPB - 3150	XPB - 4250
XPB - 1260	XPB - 1525	XPB - 1800	XPB - 2120	XPB - 2410	XPB - 2730	XPB - 3250	XPB - 4370
XPB - 1285	XPB - 1550	XPB - 1830	XPB - 2150	XPB - 2430	XPB - 2750	XPB - 3350	XPB - 4500
XPB - 1320	XPB - 1590	XPB - 1850	XPB - 2180	XPB - 2450	XPB - 2800	XPB - 3450	XPB - 4750
XPB - 1340	XPB - 1600	XPB - 1900	XPB - 2200	XPB - 2500	XPB - 2840	XPB - 3550	XPB - 5000
XPB - 1360	XPB - 1620	XPB - 1950	XPB - 2240	XPB - 2530	XPB - 2900	XPB - 3650	
XPB - 1400	XPB - 1627	XPB - 1960	XPB - 2280	XPB - 2580	XPB - 2920	XPB - 3750	



- 16mm Top Width
- 13mm Thick
- All XPB belts are shown
- XPB belts are not available in banded options
- Non cogged SPB belts are available from 2 bands to 16 bands

13MM XPA METRIC COGGED V BELTS

XPA - 640	XPA - 910	XPA - 1090	XPA - 1300	XPA - 1430	XPA - 1637	XPA - 1857	XPA - 2227	XPA - 2650
XPA - 660	XPA - 922	XPA - 1107	XPA - 1307	XPA - 1432	XPA - 1650	XPA - 1882	XPA - 2240	XPA - 2682
XPA - 670	XPA - 925	XPA - 1120	XPA - 1320	XPA - 1450	XPA - 1657	XPA - 1900	XPA - 2282	XPA - 2732
XPA - 732	XPA - 932	XPA - 1132	XPA - 1332	XPA - 1457	XPA - 1662	XPA - 1907	XPA - 2300	XPA - 2800
XPA - 750	XPA - 950	XPA - 1150	XPA - 1340	XPA - 1482	XPA - 1680	XPA - 1932	XPA - 2307	XPA - 2832
XPA - 760	XPA - 967	XPA - 1157	XPA - 1350	XPA - 1500	XPA - 1682	XPA - 1950	XPA - 2310	XPA - 3000
XPA - 762	XPA - 975	XPA - 1180	XPA - 1357	XPA - 1507	XPA - 1700	XPA - 1957	XPA - 2360	XPA - 3150
XPA - 782	XPA - 982	XPA - 1207	XPA - 1360	XPA - 1515	XPA - 1707	XPA - 1982	XPA - 2382	XPA - 3350
XPA - 800	XPA - 1000	XPA - 1215	XPA - 1367	XPA - 1525	XPA - 1732	XPA - 2000	XPA - 2430	XPA - 3550
XPA - 832	XPA - 1030	XPA - 1220	XPA - 1375	XPA - 1532	XPA - 1750	XPA - 2032	XPA - 2432	XPA - 3750
XPA - 850	XPA - 1032	XPA - 1232	XPA - 1380	XPA - 1550	XPA - 1757	XPA - 2057	XPA - 2482	XPA - 4500
XPA - 857	XPA - 1050	XPA - 1250	XPA - 1382	XPA - 1557	XPA - 1782	XPA - 2060	XPA - 2500	
XPA - 860	XPA - 1057	XPA - 1257	XPA - 1400	XPA - 1582	XPA - 1800	XPA - 2082	XPA - 2532	
XPA - 882	XPA - 1060	XPA - 1272	XPA - 1407	XPA - 1600	XPA - 1832	XPA - 2120	XPA - 2582	
XPA - 900	XPA - 1080	XPA - 1280	XPA - 1420	XPA - 1607	XPA - 1837	XPA - 2160	XPA - 2607	
XPA - 907	XPA - 1082	XPA - 1282	XPA - 1425	XPA - 1632	XPA - 1850	XPA - 2182	XPA - 2632	



- 13mm Top Width
- 10mm Thick
- All XPA belts are shown. Non cogged SPA belts are available. Email us to have our full line of SPA belts sent to you
- XPA belts are not available in banded options
- Non cogged SPA belts are available from 2 bands to 20 bands

OEM PART	C&C PART
1613-8720-00	A1250
1613872000	A1250
1310-0301-60	A2100
1310-0300-88	A2453
1310-0339-26	A2453
1310-0348-89	A2453
1320-0332-71	A3544
1613-9001-00	A4758
1622-0658-00	A630

OEM PART	C&C PART
569004801	A1250
569006101	A1250
5590033661	A4758
569003301	A4758
5690033661	A4758
5690061661	A4758

OEM PART	C&C PART
WL01200AV	#04
WL012300AV	#06
ST073916AV	#06
91348550	#10
ST073921AV	#10
ST073903AV	A424
ST073905AV	A425
TF060504AV	AP428
ST073907AV	AP429
ST073908AV	AP429
007.0118-0	A424
603.1800-5	A429

OEM PART	C&C PART
P09974A	#06
P5975A	#09
P05050A	A425
P5050A	A425
M23019	AP420
M1445	AP420
P5051A	AP429
P05051A	AP429
P7625A	AP430
P07625A	AP430
P7625	AP430
P8208A	AP435
P08208A	AP435
P08208A	AP435
P8564A	AP555
P7172A	AP555
P06044A	A849
520942	A2360
560937	A2455
12PS4932	A2546
2118874	A3715
2118348	A3744
2118351	A3744

OEM PART	C&C PART
35393685	A2455

OEM PART	C&C PART
70123-66140	A4245
1312100374	A425
6211-4723-00	A1250
2013-4000-03	A1250
2236-1057-66	A2455
2236-1060-24	A2455
8973-0351-33	A3715
6211-4578-00	A4758
6211-4739-50	A4758
8973-0353-10	A9286
2236-1059-47	A9286
8973-0154-73	A9286

OEM PART	C&C PART
43-562	A424
43-661	A424
43-662	A425
0076701	A425
43-551	AP428
43-763	AP429
0051291	AP429
43-840-1	AP430
0076378	AP431
0053536	AP435
43-831-1	AP445
A100016119	A1250
00956571	A2360
005150574	A2360
43-883-1	A2360
43-934-1	A2360
520942	A2360
43-654	A2604
43-849	A2604
A13306974	A2453
262854	A2863
73746	A3715
0075155	A4758
A13294374	A4758
A11207674	A9286

OEM PART	C&C PART
150-1104	#10
G54E	#10
150-1010	A400
L54E	A400
FE15	AP429

OEM PART	C&C PART
17210-ZE1-821	FA7008
17210-ZE1-822	FA7008
17210-ZE1-505	FA7008
17210-Z4M-821	FA7008
17210-ZE1-517	FA7008
AFZE30	FA7009
17210-ZE3-010	FA7009
17210-ZE2-822	FA7011
17210-ZE2-515	FA7011
17210-ZEO-822	FA7013
17210-ZEO-821	FA7013
17210-ZEO-505	FA7013
17210-ZEO-820	FA7013

OEM PART	C&C PART
2601540300	A2
70153-66142	A2
7015366142	A2
VA1118	A424
VA1163	A424
2601540410	A4245
70123-66140	A4245
RN24015-1	AP428
VA1121	AP428
VA1165	AP428
H95035	AP430
RN24020-1	AP430
VA1123	AP431
VA1129	AP431
VA1131	AP435
VA1144	AP435
RN24040-1	AP445
VA1133	AP445
2116040023	A2100
2116040164	A2100
9610512-N0450-P	A2100
1485059-2	A2100
RN2587	A2360
RN25857	A2360
RN24084-1	A2614
RN24082-1	A2742
RN24083-1	A3744
2116040163	A4758

OEM PART	C&C PART
2109945	A424
2109994	A425
2109946	AP429
P07447A	AP429
2115928	AP431
2115929	AP435
2115930	AP335
2115754	AP385
2115829	AP435
2116118	AP445
2116668	AP445
2115752	AP575
2118314	A2100
2116713	A2546
2118180	A2546
2117151	A2614
2116702	A2614
300EFE1445	A2863
2118315	A3544
2118859	A3715
2118348	A3744
2118354	A3744

OEM PART	C&C PART
32294852	#04
32171979	A424
32282196	A424
32170979	A425
54726518	AP428
32127482	AP428
32019787	A429
32012940	AP429
32012957	AP429
36630T78	AP429
32127489	AP429
32175466	AP429
3W114080B	AP429
36330T78	AP429
W114080B	AP429
39708466	A550
23092497	A630
89265976	A1250
88226220	A1250
89295976	A1250
35291970	A2360
36876423	A2360
38117691	A2360
92147353	A2360
92147453	A2360
59567255	A2360
N08152	A2360
51069664	A2360
38117891	A2360
39207204	A2360
35393685	A2453
81295669	A2455
22203095	A3095
54471834-A	A3544
92793025	A3544
36890135	A3715
88171913	A4758
88210620	A4758
22173538	A4758
89259329	A4758
39750732	A7505
39903265	A7505
39796768	A7967
39903281	A7967
39588462	A9286
92888716	A9286
92888718	A9286
9288176	A9286
92888178	A9286

CROSS REFERENCE

Please email us if you don't find your OEM part Cross Number. We will check our cross reference database.

KELTEC	OEM PART	C&C PART
	17-0202	#02
	17-0404	#04
	17-0606	#06
	KS15-003	#09
	17-1010	#10
	68-3194	A2
	KA70-011	A101
	KS110-009P	AP335
	KC1300-006P	AP376
	KS2100-012P	AP385
	KA250-022P	AP444
	KA140-010	A424
	KA140-010P	AP424
	KS25-002	A425
	KS25-002P	AP425
	KA30-005	A428
	KA30-005P	AP428
	KS45-005	A429
	KS45-005P	AP429
KA25-004	A400	
KS50-007	AP420	
KA105-005P	AP430	
KS88-005P	AP431	
KS120-009P	AP435	
KS240-008P	AP445	
KA350-012	A550	
KS450-024P	AP555	
KS710-004P	AP575	
KA145-037	A630	
KA290-018	A848	
KS41-009	AP851	
KA65-017	A1250	
68-1802	A1802	
KA110-034	A2100	
KC190-011K	A2360	
KC205-027	A2453	
KC205-027	A2455	
KC2300-002	A2614	
KC2300-002	A3012	
KC2300-002	A3013	
KA190-042	A3715	
KA310-027	A3744	
KC15-022	A4758	
KA1950-011	A7505	
KA825-003	A7967	
KA145-021	A9286	

PUMA	OEM PART	C&C PART
	2142009	A4245
	1800	A1800
	2142013	A1800
	1802	A1802
2142002	A1802	

ROLAIR	OEM PART	C&C PART
	31701300F	#04
R431	A424	

QUINCY	OEM PART	C&C PART
	112845-02	#02
	112845-04	#04
	2023400903	#06
	112845-06	#06
	110377E050	#09
	112845-10	#10
	2023400905	#10
	2013401983	#10
	12647E450	A101
	1627410006	A101
	126467E450	A101
	127357E016	AP376
	CFLT100010021	A400
	CRIC600010043	A424
	111146E100	A424
	111146E075	A424
	2013401984	A424
	2023405403	A424
	202340503	A424
	2023400851	A425
	110377E075	A425
	110377E901	A425
	2023400856	AP425
	2023400860	AP428
	2023400852	A429
	110377E100	A429
	110377E904	A429
	2023400859	A429
	2023400861	AP431
	110377E906	AP431
	2023400864	AP435
	110377E300	AP435
	141469-050	AP444
	127357E013	AP444
	2010302059	AP444
	125420E300	AP445
	127357E004	AP445
	2013401990	AP445
	141469-051	AP445
	2013401991	AP555
	127357E005	AP555
	2010302052	AP575
127357E006	AP575	
6211473700	A630	
6211473750	A630	
2200640815	A630	
2200640815	A630	
2010302057	A848	
127357E011	A848	
127357E003	AP851	
2010302051	AP851	
6211472350	A1250	
2013400003	A1250	
2013400457	A2546	
23458-4	A2546	
23458-2	A2604	
2013400458	A2614	
23458-5	A2614	
6211473950	A4758	
146515-1	A4758	

SAYLOR BEALL	OEM PART	C&C PART
	6106	A424
	8339	AP430
	6105	AP435
8389	AP430	

SOLBERG	OEM PART	C&C PART
	#100	A400
	#101	A101
	#103	A3013
	#127	A424S
	#127P	AP424S
	#14	A424S
	#14P	AP424S
	#15	A425
	#15P	AP425
	#18	A428
	#18P	AP428
	#19	A429
	#19P	AP429
	#25	A420
	#25P	AP420
	#30	A430
	#30P	AP430
	#31	A431
	#31P	AP431
	#34	A334
	#34P	AP334
	#35	A335
	#35P	AP335
	#230	A434
	#230P	AP434
	#231	A435
	#231P	AP435
	#234P	AP444
	#235P	AP445
	#335P	AP455
	#244P	AP554
	#245P	AP555
	#344P	AP556
	#345P	AP557
	#274P	AP574
	#275P	AP575
	#374P	AP674
	#375p	AP675
	#80	A800
	#84	A840
	#842	A842
	#848	A848
#848P	AP848	
#849	A849	
#849P	AP849	
#850	A850	
#850P	AP850	
#851	A851	
#851P	AP851	

SCHULZ	OEM PART	C&C PART
	809.0984-0	#04
	007.0159-0	#06
	007.0118-0	A424
603.1800-5	A429	

SULLIVAN PALLATEK	OEM PART	C&C PART
	00521-001	AP429
	28174-001	AP429
	00521-007SP	AP431
	00521-060	A2100
	00521-065	A2360
	1990052-02	A2360
	1900522	A2360
	01900522 0006	A2360
	00521-110	A2546
00521-075	A2863	
00521-082	A3544	
01903000 0056	A4758	

SULLAIR	OEM PART	C&C PART
	250026-120	AP376
	250039-657	AP385
	42445	A424
	243196	A424
	243197	AP429
	2250094-135	AP430
	02250094-135	AP430
	250002-732	AP445
	2500202-732	AP445
	250024-867	AP445
	250026-148	AP555
	250002-733	AP555
	2250046-638	AP555
	250002-734	AP575
	2250125370	A2100
	2250125-370	A2100
	02250125-370	A2100
	2250102-158	A2453
	2250125-371	A2453
	2250135	A2604
	409853	A2604
	2250046-012	A2742
	2250145-395	A2742
	2250122-816	A3544
2250125-372	A3544	
02250145-627	A3715	

CROSS REFERENCE
 We have more cross references available. Please email us your OEM part number



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Controls and Components — Terms & Conditions

1 Orders

To ensure order accuracy, hard copy purchase orders placed via email or text message are preferred. Many items have similar sounding part numbers that may be misinterpreted over the phone. Hard copy orders also create a paper trail that assist us in troubleshooting any questions or concerns that may arise.

a) Placing Orders:

Controls and Components accepts orders via email, text, phone call, and fax
Email and Text orders over \$25.00 qualify for a 2% discount

Email: orders@controlsandcomponents.com

Text: 678-986-0346

Fax: 877-359-1440

Please include company name, zip code and PO# (if applicable)

Purchase orders exceeding \$1,500 will qualify for an additional 3% discount

To retain the additional 3% discount, the invoice must be paid within terms, by way of paper check or (ACH) transfer
3% discount is void if the invoice is paid by way of credit card

b) Order Minimum:

There is not a minimum order fee on orders placed via email or text
Verbal orders that do not exceed \$25 will be subject to a \$5 handling fee
Any order under \$25 is ineligible to receive the 2% email/text discount

c) Order Changes:

There is a 30 minute window to revise an order. Items added after 30 minutes will be invoiced and shipped separately (which may result in an additional shipping charge)

d) Order Cancellation:

Orders must be canceled by the method the order was placed, (e.g., email purchase orders canceled from original email thread). Orders ship the same day. Customer will be charged shipping costs if order cancellation occurs after its departure from the Controls & Components facility

e) Back Orders:

In the event an item is back ordered, it will ship upon arrival from our Atlanta warehouse, unless customer requests differently. We will contact your ordering dept via email when your back order arrives. You will be asked the following regarding your back order

- 1) Would you like to ship the back order, along with an additional freight charge?
- 2) Would you like to cancel the back order?
- 3) Do you prefer we hold onto the back order and add it to your next stock order?

f) Cross Referencing Parts:

To cross reference parts, inquiries must be submitted via email. When submitting a request, please include available dimensions, the OEM, part numbers, and relevant pictures. We have access to large databases and can cross-reference many different products.

2 Customer Pick-up

Pick-up orders placed by email or text qualify for a 2% discount. Usually, pick-up orders will be ready for pickup 30 minutes after the order is placed. When a pick-up order is confirmed, customers will be given a pick-up number. When you arrive to pick up your order, you must give the warehouse team your pick-up number.

PLEASE NOTE: If you do not have a pick-up number, your order is not ready for pickup.

Pick-ups from Atlanta are available 9:00am-5:00pm (eastern) at the back side of the building; Suite 6 drive-up dock
Pick-ups from Dallas are available 9:30am-3:30pm (central).

Unscheduled customer pick-up is prohibited.

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3 Pricing

Pricing is subject to change. Pricing updates will be available before changes are initiated. Please email regarding any pricing questions.

- a) Discounts:
 - 2% discount on Text, Emailed or Faxed orders exceeding \$25 (excluding shipping costs)
 - 3% discount on orders exceeding \$1,500 if the invoice is paid within terms, by way of paper check or (ACH) transfer
 - 3% discount is void if the invoice is paid by credit card
 - Quantity discounts are offered on many items in this catalog. Please see the price book for more information.
- b) Quotes and Estimates:
 - Quotes and Estimates are valid for 30 days. Pricing may be subject to modification if processed after 30 days

4 Payment

Payment must be submitted via the terms the account is classified under. Invoices display customer payment terms. Customers may submit payment via check, on-file credit card, Online links for credit card transactions or ACH transfers.

- a) Terms:
 - Net30 customers have 30 days to pay by check, ACH transfer or credit / debit card Online link. Company policy places new customers under credit card terms until net 30 terms has been approved. That process usually takes 3-4 weeks
- b) Payment by Check:
 - Please mail paper checks to: Controls and Components PO Box 1794 Kennesaw, GA 30156
- c) Payment by Credit/Debit Card:
 - Credit/Debit card payments are processed immediately. After your order ships, an email will be sent with the paid invoice/receipt. Tracking information will be shown on the invoice. Credit/Debit Card orders of \$1,500+ are not eligible for 3% discount. Alternative payment methods must be established before shipment to retain the 3% discount. If applicable, Credit/Debit card orders may still receive the 2% email/text discount
- d) ACH Transfers:
 - Payments via ACH transfer will have an online payment link attached to the invoice. The secure link is verified by Intuit/QuickBooks. If terms are Net30, payments must be received within thirty days of the invoice date of the online ACH transfer link. If terms are not established on the account, the customer has ten days to pay total invoice. Payments received after ten days will have an added interest charge displayed on the invoice as a handling fee. ACH transfer orders exceeding \$1500 are eligible for a 3% discount
- e) Late Payments:
 - Recurring late payments will subject the account to new terms. Payment reminders will be sent at 45 days and 60 days. After 60 days, orders will not be processed or shipped until payment has been received. After 90 days, the account will be turned over to collections. If Net30 terms are revoked due to late payment issues, payment terms must be reprocessed to prepay credit card terms
- f) Taxes and Fees:
 - Customers may be responsible for taxes and/or fees on invoices if proper documentation is not supplied to the account at the time the order is submitted. An exemption certificate or other document are acceptable for taxes, fees, or charges. The imposed taxes and/or fees must be paid if applied. The use of tax, sales tax, inspection, testing fee, or any other tax, fees are subject to increase by governmental authority. Customers may be credited or have the invoice revised if documentation is provided within invoice terms.
- g) Payment Defaults & Collections:
 - If payment is not received and processed within 90 days, the debt will be sent to our legal department for collection.

Accepted Credit Cards:



ACH Transfers will be processed through:





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5 Invoicing

Invoices include ordered product(s), quantities, pricing, purchase order number, tracking/shipping information, amount due, terms and due date. Standard processing time to receive an invoice is within 24 hours of the shipped date. Direct shipments may be delayed due to processing time by the vendor.

Back ordered items will be listed under the description and the correct quantity shipped will be reflected. All back orders will be invoiced separately once back in stock.

Mailed Invoices:

To request a paper invoice, please email info@controlsandcomponents.com

6 Shipping

- a) Purchase orders submitted prior to 3pm (Eastern time zone) will ship out the same business day. Orders received after 3pm EST will ship out the next business day.
- b) Shipping rates affect bottom-line costs. Controls & Components has one of the lowest FedEx discounts obtainable. The standard shipping method is FedEx Ground. FedEx One Rate is available for faster delivery. FedEx One Rate guarantees 2 day express delivery to all 50 states for smaller items, at rates comparable to ground shipping. If preferred, UPS shipping is also available. Please note: Controls & Components does not have as good of a negotiated discount with UPS. Please email for more information.
- c) Collect Shipping:
Controls & Components offers third party collect shipping on your FedEx or UPS account. Please include your account information when submitting your order.
- d) Truck Shipping:
LTL truck freight shipments are guaranteed to ship within 24 hours from order placement. Controls & Components' third-party LTL broker offers many carriers. Some of the options are below:

A. Duie Pyle	Daylight Transport	Forward Air	Southeastern Freight	AAA Cooper	Dayton Freight	Holland Freight
T Force	Arc Best	Dohrn	Numark	XPO	Averitt Express	Estes
R&L Carriers	Old Dominion	Central Freight Lines	FedEx	Saia	YRC	Central Transport

Email us for a freight quote (include specific carrier requests)

- e) Additional Carrier Fees:
If the services below are needed, please include the following with your order;
 - (1) Lift Gate needed (always required if no forklift on site, or dock for delivery)
 - (2) Assistance unloading from the driver
 - (3) Driver waits more than 30 minutes
 - (4) Calling ahead, or appointment deliveries
 - (5) Limited access
 - (6) Residential, construction or non-commercial sites

The services above have a reduced price when notated during shipment creation. If any of the services are not notated when placing an order and are charged to Controls & Components by the trucking companies, customers will be responsible. Any additional charges will be billed on the corresponding invoice.



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7 Deliveries

a) Delivery Dates:

Standard transit zones determine delivery date approximations and are not guaranteed. If a scheduled delivery is needed, information must be included at time of order.

b) Packaging:

Controls & Components will decide how to pack and ship, unless specific written instructions are provided when the order is placed.

c) Inspection:

Promptly inspect, accept, or reject all items at time of delivery. If something does not meet expectations or specifications, immediately notify Controls and Components. If Controls and Components does not receive detailed explanation of situation within 10 business days, customer is responsible for all items, regardless of condition.

i) Damaged or Missing Fedex & UPS shipments:

If an order arrives with damaged or tampered boxes, inform the driver and take pictures. It is impossible to file a claim with the carrier without pictures as proof. If an order arrives with missing items, notify Controls & Components as soon as possible for us to verify our inventory. Controls & Components will reship missed items free freight if the error is ours.

ii) Damaged or Missing LTL Shipments:

Upon delivery, inspect your shipment - Count all packages/boxes and verify all packages/boxes are in good condition with no visible signs of damage. Missing pieces **MUST** be noted on delivery receipt.

Pallets that are not completely wrapped, wrap is loose, or the pallet is showing visible damage indicate something has happened to the shipment en route, and must be signed for as damaged.

All shortages and damages **MUST** be noted on deliver receipt with driver at time of delivery. Freight Carriers do not accept any liability for delivery receipts signed, "Subject to inspection", "Subject to count", or any delivery receipts signed without any notation of damage or missing items.

After the driver leaves, check all merchandise for any damage. If concealed damage is found, contact the delivery carrier immediately to arrange for an inspection. This will be necessary for filing a concealed damage claim with the delivery carrier.

If a shipment arrives damaged, please take photos. Email photos of damage, and any pertinent information to make filing a claim for the missing / damaged delivery a smooth process. Claims and traces are time sensitive, carriers only store delivery information for a limited time. Issues must be addressed as soon as possible to increase the likelihood of a positive resolution.

PLEASE NOTE: FAILURE TO INSPECT & COUNT YOUR SHIPMENT OR NOTATE ANY DAMAGES OR SHORTAGES ON THE DELIVERY RECEIPT WILL WAIVE YOUR RIGHT TO ANY REPLACEMENT OR REIMBURSEMENT

d) Undeliverable:

Customer is responsible to pay for order if the address provided at time of order was incorrect and/or undeliverable. Customer is also responsible to pay for order in the event they are unable to accept the delivery. Carriers may attempt delivery multiple times before returning the order back to the sender. Credit may be issued if all products are intact and usable when received by sender. The original shipping charge will not be waived. If delivery issues are due to the carrier, the order is eligible for reshipment. New shipping charges may apply.



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7 Product Returns

Orders may not be returned without written authorization from Controls & Components. A Return Merchandise Authorization (RMA) must be issued in order to process each return. Adaptations to RMA will not be accepted unless specified in writing with staff approval. Please email Controls & Components to request an RMA form.

Acceptable RMA reasons include: Incorrect quantity received, Incorrect item received, Item(s) damaged in shipping, Duplicate order, Defective product(s), Incorrect item ordered by customer, and Incorrect quantity order by customer. Reasons outside of these circumstances may be denied by Controls & Components.

RMAs are only accepted at the Georgia warehouse unless specified by Controls & Components staff. When submitting returns, all items in need of return must be listed via email and included inside the box as well as customer company information. If the return request does not meet the stated criteria, the return will not be processed. When a returned item is damaged in transit, a shipping claim must be filed by the responsible party. If Controls & Components' shipping account was used, it will be Controls & Components' responsibility to file the claim. If a customer account was used, the claim will rely solely on the customer. Returns may not be processed depending on the condition of the unused product.

a) Credit Memos:

It is standard policy to issue a credit memo when the wrong quantity is received, duplicate sent, incorrect item or quantity is ordered. Revised invoices are used when a defective or damaged replacement item is sent at the same price or if the incorrect item was shipped for all invoice payment methods. If the standard method does not apply, Controls & Components will let you know how the order will process.

b) Refunds and Charge backs:

Controls & Components does not issue refunds or charge backs without processing fee. If a refund or charge back is requested, it is the customer's responsibility to pay. This is only processed by request.

c) Restocking Fee:

Customer may be responsible for a 20% restocking fee if ordered incorrectly.

8 Warranties

Controls & Components guarantees products sold are new and straight from the factory or manufacturer. Many items in the catalog are covered under a warranty. Warranties begin at the time of purchase. Warranty periods vary in length, depending on the manufacturer. Please email with any questions.

Warranties require specific information to process. If a defect or non-conforming item is discovered, inform Controls & Components via email.

Repair parts purchased outside of Controls & Components are not eligible for warranty.

Products subjected to abuse, neglect, negligence, misuse, misapplication, damage, improper installation/operation, maintenance, or improper storage may void warranty options. Products installed, maintained, serviced, repaired, or altered by anyone other than customer or authorized service agency are not eligible for warranty. Reoccurring issues may result in denial of warranty.

Our Georgia and Texas warehouses do not make repairs in house. If a replacement item cannot be sent when it is listed as defective, a credit may be issued for the amount at the time of purchase, or placed as a back-order.

9 Liability & Disclaimer

This catalog provides basic information. The designs, dimensions, materials, weights, performance parameters, descriptions and other technical characteristics of products listed in this catalog are subject to change, upgrade, or variations. To request additional information on an application or product, please submit the request via email

Controls & Components is not liable for inadequate installations. Any external technical advice is at the risk of the customer, not Controls & Components. Loss of use, income, profit, production, business interruptions, downtime, shutdowns, or product change-out costs are not Controls & Components' responsibility.

Controls & Components assumes no responsibility or liability for errors or omissions in catalog content, site, or other method of communication. The information contained is provided with no guarantees of completeness, accuracy, usefulness, or timeliness. Policies are subject to change and may be updated without customer notification.

SIMPLE ORDERING!

SAVE 2% on orders placed by **EMAIL, TEXT** or **FAX**
(no handling fee)

SAVE AN ADDITIONAL 3% on orders of **\$1500** or more

THAT'S 5% OFF EMAIL, TEXT OR FAX ORDERS OF \$1500 OR MORE!

Invoice must be paid by check or ACH Transfer (see policy pages for details)

- **EMAIL ORDERS** send purchase order to: **orders@controlsandcomponents.com**
- **TEXT ORDERS** Send items and quantities to: **678-986-0346**
or text a photo of your PO. Include company name and ship-to ZIP code



- **PHONE ORDERS** Call **888-393-7152 – EXT #1** with quantities and model numbers ready. Orders under \$25 will include a handling fee.



**NEED IT FAST
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TOO MUCH?**

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rates comparable to ground.



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For help with orders or installation.



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secure products during shipping.



Specializing in distributing High Quality Air Compressor Parts & Accessories to the Wholesale Market

Whether you're a manufacturer, distributor, or in service & repair, rely on us to have the product you need in stock at a good price. To service and repair techs out there, we realize how vital it is to get a part quickly. When your customer's compressor isn't making air, they're not making money. Count on us to fill, complete and ship your order out the same day!

DROP SHIPPING MADE EASY!!

We offer same day blind drop shipping until 3PM EST Monday through Friday!!!

SAME DAY SHIPPING - SAME DAY ORDER CONFIRMATIONS

Have you been working with a customer who decided to install the item on their own?

WE CAN HELP

Send us the order and we will drop ship any item in our product line direct to your customer.

Do you have items listed on your website, but don't want to increase overhead, not to mention the hassle of stocking, packaging, and then shipping the product?

WE WILL DO IT ALL FOR YOU

Send us the order and we will drop ship any item in our product line direct to your customer.

We DO NOT have a minimum order, nor do we charge a minimum order fee when drop shipping your order. We simply ask all drop ship orders sent to us via email.

SEND US YOUR COMPANY PACKING SLIP

We will include a copy of your packing slip in the box, giving the illusion the order is shipping directly from one of your distribution facilities. There is ABSOLUTELY NO Controls & Components labeling or contact info anywhere on the package to your customer. Add your company business card or advertising merchandise to each shipment at no extra charge.

How to avoid all drop shipping fees:

Your drop shipment order must be sent in via email to orders@controlsandcomponents.com

Your customer's name and address information must be in a format that is able to be copied. Standard text on the email body or text via PDF are acceptable formats. A \$5 processing fee will be added to any drop ship order or direct ship order placed verbally over the phone.

Attach your shipping label to your emailed Drop Shipment order

We will use the shipping label provided to ship your customers order. We offer FedEx, UPS & USPS services in addition to freight truck options. Our team will find the most cost efficient ways to ship.

If you want us to create a shipping label for you, we add a \$2.50 shipping label processing fee. This fee DOES NOT include freight charge for shipment. Freight charge is a separate line item on invoice.

READY TO SIGN UP??

To receive your comprehensive drop shipping packet, email orders@controlsandcomponents.com



orders@controlsandcomponents.com • 888-393-7152
www.controlsandcomponents.com

WEBSITE ORDERING!

Order Online 24/7

**CREATE AN ACCOUNT TODAY!
SCAN OUR QR CODE**



- Extended same-day shipping til 4PM EST for FedEx, UPS orders
- Use your part numbers to order. You can map your part numbers to C&C part numbers.
- Need a quote? Submit quote requests directly through your account.
- Built for Teams. Multiple users, technicians under one account.
- Save multiple ship-to addresses on your account.
- Schedule your customer pick-up for either morning or afternoon options. Available from 9AM to 3PM EST
- View orders on your account. Use previous orders to re-order or re-revise.

**SAME DAY
SHIPPING TIL
4PM EST**

**SAVE
MULTIPLE
ADDRESSES**

**CREATE
YOUR PART
NUMBERS**

**DISCOUNTS
APPLY**

PARTS MADE EASY. ORDER YOUR WAY!



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