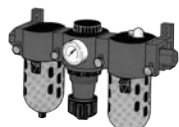


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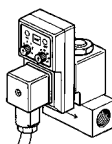
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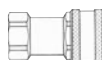
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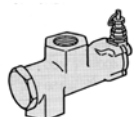
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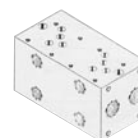
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Brass Fittings**

Liquid Filled Gauges

Technical Specifications

Case Stainless Steel
 Dial White background c/w blue lettering
 Lens Plastic
 Scale Dual (psi-bar x 100 kpa)
 Tube Brass
 Conn Brass 1/4"
 Surge Protection Standard
 ANSI Grade B



Bottom mount

2 1/2" Premium Liquid Filled- Bottom

65mm

Bottom Connection

Model **SSG-2512**

Range 15 psi

30 psi

60 psi

100 psi

160 psi

200 psi

300 psi

600 psi

1000 psi

1500 psi

2000 psi

3000 psi

5000 psi

6000 psi

10,000 psi

15,000 psi

Vacuum 30 hg

Compound 30-0-30

Compound 30-0-60



Back mount

2 1/2" Premium Liquid Filled - Back

65 mm

Back Connection

Model **SSG-2502**

Range 15 psi

30 psi

60 psi

100 psi

160 psi

200 psi

300 psi

600 psi

1000 psi

1500 psi

2000 psi

3000 psi

5000 psi

10,000 psi

Vacuum 30 hg

Compound 30-0-30

Compound 30-0-60

U Clamp

Model -SSG-25 U
 (for SSG-2502)



Front Flange

Model -SSG-25-flange
 (for SSG-2502)



Liquid Filled Gauges

4" Liquid Filled

Model - **SSG - 4012**

1/4" Bottom Connection

Ranges 15 psi

30 psi

60 psi

100 psi

160 psi

200 psi

300 psi

600 psi

1000 psi

3000 psi

5000 psi

Vacuum 30 hg



All Stainless Construction

4" All Stainless

316 Stainless Steel case, tube and socket

1/4" Bottom Connection

Model- **SSS-4000**

Ranges 160 psi

15000 psi

2 1/2" All Stainless

316 Stainless Steel case, tube and socket

1/4" Bottom Connection

Model- **SSS-2500**

Ranges 30 psi

60 psi

100 psi

160 psi

1000 psi

3000 psi



Snubbers

Snubber

Protects instruments from sudden shock and insures accurate reading without surges

Brass construction

3,000 max psi

400° max temperature

1/4" male x 1/4" female connections



Model- **B40-P 30**

25 Micron

Applications

Hydraulic oil

Light oil (30-335 ssu)

Water

Gasoline



Model- **B40-P 50**

10 Micron

Applications

Air

Other gas

Needle Valve

Brass

2000 psi

Used to restrict flow



Model - **NV- 25**

1/4" female x female

Thermometers



1/2" NPT connection

Max. 1450 psi

3" Bi-Metal Thermometers

Model	Stem	Code
B3025	2.5"	II,JJ,RR
B3040	4"	II

5" Bi- Metal Thermometers

Model	Stem	Code
B5040	4"	AA

Code - Temperature F and C	
II	0° to 250° F & C
AA	-40° to 120° F & C
RR	50° to 550° F & C
JJ	20° to 240° F & C

Thermowells - Stainless Steel - for BiMetal Thermometers

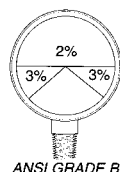


Model	Size	Conn. M-F
W02-304SS	2 1/2"	3/4 - 1/2
W04-304SS	4"	3/4 - 1/2

Gauges - Dry

1 1/2" Premium Gauge (chrome bezel) 1/8" Back Connection

Model	Range
SAD-1501	15 psi
SAD-1501	30 psi
SAD-1501	60 psi
SAD-1501	100 psi
SAD-1501	160 psi
SAD-1501	200 psi
SAD-1501	Vac-30hg



Technical Specifications

Case	Steel
Dial	White background c/w blue lettering
Lens	Plastic-SAD and PAD Series Glass-PSB Series
Scale	Dual (psi - bar x 100kpa)
Tube	Brass or bronze
	Surge Protector Standard
	ANSI Grade B



1 1/2" Gauge (black bezel) 1/8" Back Connection Glass Lens

Model	Range
PSB-1501	30 psi
PSB-1501	60 psi
PSB-1501	100 psi
PSB-1501	160 psi
PSB-1501	200 psi

1 1/2" Premium Gauge (chrome bezel) 1/8" Bottom Connection

Model	Range
SAD-1511	15 psi
SAD-1511	30 psi
SAD-1511	60 psi
SAD-1511	100 psi
SAD-1511	160 psi
SAD-1511	200 psi
SAD-1511	Vac-30 hg



1 1/2" Gauge Dry c/w Flange 1/8" Back Connection "U" clamp standard

Model	Range
SAD-104D	60 psi
SAD-104D	100 psi
SAD-104D	160 psi



Gauges - Dry

2" Premium Gauge (chrome bezel) 1/4" Back Connection

Model	Range
SAD-2002	15 psi
SAD-2002	30 psi
SAD-2002	60 psi
SAD-2002	100 psi
SAD-2002	160 psi
SAD-2002	200 psi
SAD-2002	300 psi
SAD-2002	600 psi
SAD-2002	Vac- 30hg

Technical Specifications

Case	Steel
Dial	White background c/w blue lettering
Lens	Plastic-SAD and PAD Series Glass-PSB Series
Scale	Dual (psi - bar x 100kpa)
Tube	Brass or bronze
Surge Protector	Standard
ANSI Grade	B



2" Gauge (black bezel) 1/4" Back Connection

Glass Lens

Model	Range
PSB-2002	60 psi
PSB-2002	100 psi
PSB-2002	160 psi
PSB-2002	200 psi
PSB-2002	300 psi



2" Premium Gauge (chrome bezel) 1/8" Back Connection

Model	Range
SAD-2001	30 psi
SAD-2001	60 psi
SAD-2001	100 psi
SAD-2001	160 psi
SAD-2001	300 psi



2" Premium Gauge (chrome bezel) 1/4" Bottom Connection

Model	Range
SAD-2012	15 psi
SAD-2012	30 psi
SAD-2012	60 psi
SAD-2012	100 psi
SAD-2012	160 psi
SAD-2012	200 psi
SAD-2012	300 psi
SAD-2012	600 psi
SAD-2012	Vac- 30 hg
SAD-2012	Compound



Gauges-Dry

2 1/2" Premium Gauge (chrome bezel) 1/4" Bottom Connection

Model	Range
SAD-2512	15 psi
SAD-2512	30 psi
SAD-2512	60 psi
SAD-2512	100 psi
SAD-2512	160 psi
SAD-2512	200 psi
SAD-2512	300 psi
SAD-2512	600 psi
SAD-2512	1000 psi
SAD-2512	2000 psi
SAD-2512	3000 psi
SAD-2512	5000 psi
SAD-2512	Vac-30 hg
SAD-2512	Compound



4 1/2" Contractor Gauge

Model **SAD-CON**
 Stainless Steel Case
 Brass Movement
 Connection 1/4" Bottom
 Single Scale - psi only
 Range 0-15
 0-30
 0-60
 0-100
 0-160
 0-200
 0-300

2 1/2" Premium Gauge (chrome bezel) 1/4" Back Connection

Model	Range
SAD-2502	30 psi
SAD-2502	60 psi
SAD-2502	100 psi
SAD-2502	160 psi
SAD-2502	200 psi
SAD-2502	300 psi
SAD-2502	1000 psi
SAD-2502	2000 psi
SAD-2502	3000 psi
SAD-2502	5000 psi
SAD-2502	Vac-30HG
SAD-2502	Compound



Range
 0-60
 0-160

4 1/2" Process Gauge

Model **SAD-PRO**
 Dial 4 1/2" Diameter
 Case Phenolic-solid front/blow-out back
 Lens Plastic with Gasket
 Pointer Knife edge micro-adjustable
 Bourdon tube AISI 316 Stainless Steel
 Socket AISI Stainless Steel
 Movement 304SS Heavy Duty Bushed
 Accuracy 0.5% Full Scale (ANSI Grade2A)
 Connection 1/4"
 Features
 -Overload and Underload Stops
 -Knife Blade Pointer for Precision Reading
 -Hermetically Sealed/Weather Proof
 -Liquid Fillable/No kit Required

1" Gauge (black bezel) 1/8" Back Connection

Model	Range
PAD- 1001	30 psi
PSB- 3A	30 psi
PAD- 1001	60 psi
PAD- 1001	100 psi
PAD- 1001	160 psi



FRL Units - Universal

Miniature FRL



Combination Unit - no bowl guards - max 135 psi				
Model	Size	Mfg	SCFM	H x W
C200-01	1/8"	Universal	26	5.5 x 4.8"
C200-02	1/4"	Universal	26	5.5 x 4.8"

Compact FRL



Combination Unit c/w bowl guards - max 135 psi				
Model	Size	Mfg	SCFM	H x W
NBC-200	1/4"	Universal	35	9 x 7"
NBC-300	3/8"	Universal	47	9 x 7"
NBC-400	1/2"	Universal	87	9 x 7"
Suffix-S00 = Automatic drain				

Compact FRL - metal bowl



Combination Unit c/w metal bowl & site glass - max 135 psi				
Model	Size	Mfg	SCFM	H x W
NBC-200- MG	1/4"	Universal	35	9 x 7"
NBC-300- MG	3/8"	Universal	47	9 x 7"
NBC-400- MG	1/2"	Universal	87	9 x 7"
Suffix-S00 = Automatic drain				

Standard Series FRL



Combination Unit c/w bowl guard - max 135 psi				
Model	Size	Mfg	SCFM	H x W
C4000-04	1/2"	Universal	105	11 x 7"
Suffix- F00 = Automatic drain				

Universal FRL

5 Micron Filtration
 Gauge - Standard
 Mounting Brackets- Standard
 Bowl Guard - Standard except C200
 Maximum pressure 135 psi

FRL Units - Wilkerson

Compact FRL



Combination Unit c/w bowl guards - max 150 psi				
Model	Size	Mfg	SCFM	H x W
C16-02	1/4"	Wilkerson	36	7.15 x 11.3"
C16-03	3/8"	Wilkerson	58	7.15 x 11.3"
C16-04	1/2"	Wilkerson	64	7.15 x 11.3"
Suffix-F00 = Automatic drain				

Standard FRL



Combination Unit c/w bowl guards - max 150 psi				
Model	Size	Mfg	SCFM	H x W
C26-02	1/4"	Wilkerson	36	8.1 x 12.35"
C26-03	3/8"	Wilkerson	60	8.1 x 12.35"
C26-04	1/2"	Wilkerson	128	8.1 x 12.35"
Suffix-F00 = Automatic drain				

High Capacity FRL



Combination Unit c/w bowl guard - max 150 psi				
Model	Size	Mfg	SCFM	H x W
C31-06	3/4"	Wilkerson	374	11.2 x 15.3"
C31-08	1"	Wilkerson	374	11.2 x 15.3"
Suffix- F00 = Automatic drain				

Wilkerson FRL

5 Micron Filtration

Gauge - Standard

Bracket - Standard except C31

Max pressure 150 psi - plastic bowls

Max pressure 200 psi - metal bowls

Filter / Regulator Units- Universal

Universal Filter/ Regulator

5 Micron Filtration

Gauge - Standard

Bowl Guard - Standard

Range 0 -125 psi

Maximum pressure 135 psi

Compact Filter/ Regulator



Combination Unit c/w bowl guard				
Model	Size	Mfg	SCFM	H x W
NBFR- 200	1/4"	Universal	35	9 x 2.7"
NBFR- 300	3/8"	Universal	47	9 x 2.7"
NBFR- 400	1/2"	Universal	87	9 x 2.7"
Suffix- S00 = Automatic drain				



Combination Unit c/w metal bowl				
Model	Size	Mfg	SCFM	H x W
NBFR- 200-MG	1/4"	Universal	35	9 x 2.7"
NBFR- 300-MG	3/8"	Universal	47	9 x 2.7"
NBFR-400- MG	1/2"	Universal	87	9 x 2.7"
Suffix- S00 = Automatic drain				

Standard Filter/ Regulator



Combination Unit c/w bowl guard				
Model	Size	Mfg	SCFM	H x W
FR3000-02	1/4"	Universal	70	8 x 2.5"
FR3000-03	3/8"	Universal	70	8 x 2.5"



Combination Unit c/w bowl guard				
Model	Size	Mfg	SCFM	H x W
FR4000-04	1/2"	Universal	105	9.5 x 3.5"
Suffix- F00 = Automatic drain				

Filter / Regulator Units- Wilkerson

Miniature Filter/ Regulator



Combination Unit - no bowl guards - max 150 psi				
Model	Size	Mfg	SCFM	H x W
BB3-02-FK00	1/4"	Wilkerson	25	6.25 x 1.56"

Compact Filter/ Regulator



Combination Unit c/w bowl guard - max 150 psi				
Model	Size	Mfg	SCFM	H x W
CB6 -02	1/4"	Wilkerson	64	9.38 x 3"
CB6 -03	3/8"	Wilkerson	70	9.38 x 3"
CB6 -04	1/2"	Wilkerson	70	9.38 x 3"
Suffix- F00 = Automatic drain				

Wilkerson Filter/ Regulator

5 Micron Filtration

Gauge - Extra

Max pressure 150 psi - plastic bowls

Max pressure 200 psi - metal bowls

Filters- Universal



Universal Filters
5 Micron Filtration
Bowl Guard - Standard
Maximum pressure 135 psi

Standard 1/2" Filter

Model	Size	SCFM
F4000-04	1/2"	105

Compact Filters



Filter c/w bowl guard				
Model	Size	Mfg	SCFM	H x W
NBF-200	1/4"	Universal	35	6.7 x 2.5"
NBF-300	3/8"	Universal	47	6.7 x 2.5"
NBF-400	1/2"	Universal	87	6.7 x 2.5"
Suffix- S00 = Automatic drain				

Compact Filters - metal bowl



Filter c/w metal bowl				
Model	Size	Mfg	SCFM	H x W
NBF-200-MG	1/4"	Universal	35	6.7 x 2.5"
NBF-300-MG	3/8"	Universal	47	6.7 x 2.5"
NBF-400-MG	1/2"	Universal	87	6.7 x 2.5"
Suffix- S00 = Automatic drain				

Standard Series Filters



Filter c/w bowl guard				
Model	Size	Mfg	SCFM	H x W
F4000-04	1/2"	Universal	105	6.7 x 3.5"
Suffix- F00 = Automatic drain				

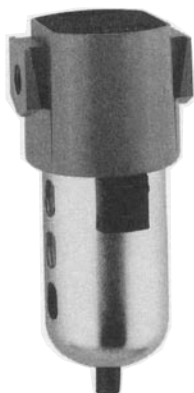
Filters - Wilkerson

Wilkerson Filters

5 Micron Filtration

Max pressure 150 psi - plastic bowls

Max pressure 200 psi - metal bowls



Standard 1/2" Filter

Model	Size	SCFM
F26-04-000	1/2"	150
F28-04-SK00	1/2"	160

Miniature Series



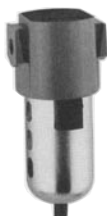
Filter - no bowl guard				
Model	Size	Mfg	SCFM	H x W
F03-01-000	1/8"	Wilkerson	22	3.6 x 1.5"
F03-02-000	1/4"	Wilkerson	24	3.6 x 1.5"
F03 series replaces F00 series				

Compact 16 Series



Filter c/w bowl guard				
Model	Size	Mfg	SCFM	H x W
F16-02	1/4"	Wilkerson	63	6.5 x 3"
F16-02-M00	1/4"	Wilkerson	63	6.5 x 3"
F16-03	3/8"	Wilkerson	74	6.5 x 3"
F16-03-M00	3/8"	Wilkerson	74	6.5 x 3"
F16-04	1/2"	Wilkerson	80	6.5 x 3"
F16-04-M00	1/2"	Wilkerson	80	6.5 x 3"
Suffix- F00 = Automatic drain				
M00 = Metal Bowl - max 200 psi				

Standard 26 Series



Filter c/w bowl guard				
Model	Size	Mfg	SCFM	H x W
F26-02	1/4"	Wilkerson	81	7.4 x 3.3"
F26-02-M00	1/4"	Wilkerson	81	7.4 x 3.3"
F26-03	3/8"	Wilkerson	117	7.4 x 3.3"
F26-03-M00	3/8"	Wilkerson	117	7.4 x 3.3"
F26-04	1/2"	Wilkerson	150	7.4 x 3.3"
F26-04-M00	1/2"	Wilkerson	150	7.4 x 3.3"
Suffix- F00 = Automatic drain				
M00 = Metal Bowl - max 200 psi				

Filters- Wilkerson

Wilkerson Filters

5 Micron Filtration

Max pressure 150 psi - plastic bowls

Max pressure 250 psi - metal bowls- 18 & 28 series

Max pressure 200 psi - metal bowls - 30 series

Compact 18 Series



Filter c/w bowl guard				
Model	Size	Mfg	SCFM	H x W
F18-02-SK00	1/4"	Wilkerson	110	7.4 x 2.36"
F18-02-SL00	1/4"	Wilkerson	110	7.4 x 2.36"
F18-03-SK00	3/8"	Wilkerson	120	7.4 x 2.36"
F18-03-SL00	3/8"	Wilkerson	120	7.4 x 2.36"
F18-04-SK00	1/2"	Wilkerson	145	7.4 x 2.36"
F18-04-SL00	1/2"	Wilkerson	145	7.4 x 2.36"
Suffix- SG00 = Automatic drain				
SL00 = Metal Bowl c/w sight glass				

Standard 28 Series



Filter c/w bowl guard				
Model	Size	Mfg	SCFM	H x W
F28-03-SK00	3/8"	Wilkerson	144	8.4 x 2.9"
F28-03-SL00	3/8"	Wilkerson	144	8.4 x 2.9"
F28-04-SK00	1/2"	Wilkerson	160	8.4 x 2.9"
F28-04-SL00	1/2"	Wilkerson	160	8.4 x 2.9"
F28-06-SK00	3/4"	Wilkerson	165	8.4 x 2.9"
F28-06-SL00	3/4"	Wilkerson	165	8.4 x 2.9"
Suffix- SG00 = Automatic drain				
SL00 = Metal Bowl c/w sight glass				

High Capacity Series



Filter c/w bowl guard				
Model	Size	Mfg	SCFM	H x W
F30-06	3/4"	Wilkerson	323	9.8 x 4.6"
F30-06-M00	3/4"	Wilkerson	323	9.8 x 4.6"
F30-08	1"	Wilkerson	323	9.8 x 4.6"
F30-08-M00	1"	Wilkerson	323	9.8 x 4.6"
Suffix- F00 = Automatic drain				
M00 = Metal Bowl				



Filter c/w metal bowl - max pressure 150 psi				
Model	Size	Mfg	SCFM	H x W
F35-0B	1 1/2"	Wilkerson	1280	19 x 7.8"
F35-0C	2"	Wilkerson	1400	19 x 7.8"
F43-0E	3"	Wilkerson	2900	29.4 x 8.9"
Suffix- F00 = Automatic drain				

Coalescing Filters- Wilkerson .01 micron

Miniature



Model	Size	SCFM	H x W
M03-01-000	1/8"	17	3.6 x 1.5"
M03-02-000	1/4"	20	3.6 x 1.5"
M03 series replaces M00 series			

Compact 16 Series



Model	Size	SCFM	H x W
M16-02-000	1/4"	37	8 x 3"
M16-03-000	3/8"	45	8 x 3"
M16-04-000	1/2"	46	8 x 3"
Suffix- F00 = Automatic drain			



Model	Size	SCFM	H x W
M18-02-CK00	1/4"	40	8.2 x 2.36"
M18-03-CK00	3/8"	44	8.2 x 2.36"
M18-04-CK00	1/2"	48	8.2 x 2.36"
Suffix- CG00 = Automatic drain			

Standard 26 Series



Model	Size	SCFM	H x W
M26-02-000	1/4"	55	8.2 x 3.3"
M26-03-000	3/8"	66	8.2 x 3.3"
M26-04-000	1/2"	80	8.2 x 3.3"
Suffix- F00 = Automatic drain			



Model	Size	SCFM	H x W
M28-03-CK00	3/8"	82	9.3 x 2.9"
M28-04-CK00	1/2"	90	9.3 x 2.9"
M28-06-CK00	3/4"	98	9.3 x 2.9"
Suffix- CG00 = Automatic drain			

High Capacity Series



Model	Size	SCFM	H x W
M30-04-000	1/2"	123	10.8 x 4.6"
M30-06-000	3/4"	173	10.8 x 4.6"
M31-06-000	3/4"	215	14.8 x 4.6"
M30-08-000	1"	203	10.8 x 4.6"
M31-08-000	1"	277	14.8 x 4.6"
M32-08-000	1"	419	16 x 6.2"
M35-0B-000	1 1/2"	710	19 x 7.8"
M35-0C-000	2"	710	19 x 7.8"
Suffix- F00 = Automatic drain			

Regulators- Universal

Universal Regulators

Max Supply Pressure 150 psi
Standard Range 0-125 psi



Standard 1/2" Regulators

Model	Size	SCFM
R4000-04	1/2"	105

Minature Regulators



1/4" miniature - gauge extra

Model	Size	SCFM	Mfg	H x W
R40-02	1/4"	25	Universal	3.2 x 1.5"

1/4" miniature c/w gauge and bracket

Model	Size	SCFM	Mfg	H x W
R200-02	1/4"	25	Universal	3.2 x 1.62"



1/8" miniature c/w gauge

Model	Size	SCFM	Mfg	H x W
ARX-150	1/8"	23	Universal	3.2 x 1.5"

Compact Regulator



Compact Regulator - gauge included

Model	Size	SCFM	Mfg	H x W
NBR-200	1/4"	35	Universal	4 x 2.7"
NBR-300	3/8"	47	Universal	4 x 2.7"
NBR-400	1/2"	87	Universal	4 x 2.7"

Standard Series Regulator



Standard Regulator - gauge included

Model	Size	SCFM	Mfg	H x W
R4000-04	1/2"	105	Universal	5 x 3.0"

Brackets



Model	Description	Units
B 40	Bracket c/w nut	R40 and FR3000
AR 19	Lock nut	R40 and FR3000
B 440	Bracket c/w nut	R4000 and FR4000
N 40B	Bracket c/w nut	NBR Series

Regulators- Wilkerson

Wilkerson Regulators

Max Supply Pressure 300 psi

Standard Range 0 - 125 psi



Standard 1/2" Regulators

Model	Size	SCFM
R26-04-000	1/2"	185
R28-04-F000	1/2"	170

Miniature Series



Miniature - gauge extra - range 0 to 125 psi				
Model	Size	SCFM	Mfg	H x W
R03-01-000	1/8"	13	Wilkerson	3.26 x 1.5"
R03-02-000	1/4"	15	Wilkerson	3.26 x 1.5"
R03 series replaces R00 series				

Low pressure miniature - gauge extra - range 0 to 60 psi				
Model	Size	SCFM	Mfg	H x W
R03-01-L00	1/8"	13	Wilkerson	3.26 x 1.5"
R03-02-L00	1/4"	15	Wilkerson	3.26 x 1.5"
R03 series replaces R00 series				

Compact 16 Series



Model	Size	SCFM	Mfg	H x W
R16-02-000	1/4"	72	Wilkerson	5.2 x 3"
R16-03-000	3/8"	80	Wilkerson	5.2 x 3"
R16-04-000	1/2"	88	Wilkerson	5.2 x 3"

Standard 26 Series



Model	Size	SCFM	Mfg	H x W
R26-03-000	3/8"	148	Wilkerson	6.48 x 3.35"
R26-04-000	1/2"	185	Wilkerson	6.48 x 3.35"

Regulators- Wilkerson

Wilkerson Regulators

Max Supply Pressure 300 psi

Standard Range 0 - 125 psi

Compact 18 Series



Model- gauge extra	Size	SCFM	Mfg	H x W
R18-02-F000	1/4"	82	Wilkerson	5.4 x 2.36"
R18-03-F000	3/8"	97	Wilkerson	5.4 x 2.36"
R18-04-F000	1/2"	97	Wilkerson	5.4 x 2.36"

Standard 28 Series



Model- gauge extra	Size	SCFM	Mfg	H x W
R28-03-F000	3/8"	162	Wilkerson	5.9 x 2.9"
R28-04-F000	1/2"	170	Wilkerson	5.9 x 2.9"
R28-06-F000	3/4"	176	Wilkerson	5.9 x 2.9"

High Capacity Series

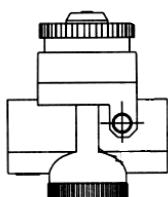


Model	Size	SCFM	Mfg	H x W
R30-06-000	3/4"	481	Wilkerson	10.3 x 4.3"
R30-08-000	1"	500	Wilkerson	10.3 x 4.3"
R40-0B-000	1 1/2"	1200	Wilkerson	11.9 x 5.3"
R40-0C-000	2"	1200	Wilkerson	11.9 x 5.3"

Regulators - Dial & Precision

Dial Regulators

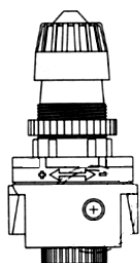
All Dial regulators have a slight constant air bleed.
 Balanced valve design
 Non rising adjusting dial
 Piston operated
 High flow relief
 1/4" gauge ports standard



Model - Dial	Size	Range	SCFM
R21-02-000	1/4"	0-160	117
R21-02-L00	1/4"	0-40	117
R21-03-000	3/8"	0-160	180
R21-03-L00	3/8"	0-40	180
R21-04-000	1/2"	0-160	195
R21-04-L00	1/2"	0-40	195
R21-06-000	3/4"	0-160	220
R21-06-L00	3/4"	0-40	220

Precision Regulators

The "P" series regulators are specifically designed for applications that require reliable performance and accurate pressure control
 1/4" gauge ports standard

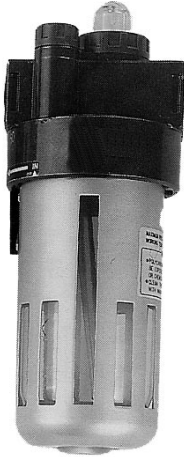


Sensitivity (repeatability)
 Models P15 or P16
 0.5 to 1 psi

Model- Precision	Size	Range	SCFM
P15-02-000	1/4"	0- 15	27
P15-03-000	3/8"	0 - 15	27
P15-04-000	1/2"	0 - 15	27

Model-Precision	Size	Range	SCFM
P16-02-000	1/4"	0 - 50	22
P16-03-000	3/8"	0 - 50	22
P16-04-000	1/2"	0- 50	22

Lubricators - Universal



Universal Lubricators
Bowl Guard Standard
Maximum pressure 135 psi

Standard 1/2" Lubricator

Model	Size	SCFM
L4000-04	1/2"	105

Compact Lubricators



Lubricator c/w bowl guard - max 135 psi				
Model	Size	SCFM	Mfg	H x W
NBL-200	1/4"	35	Universal	6.2 x 2.7"
NBL-300	3/8"	47	Universal	6.2 x 2.7"
NBL-400	1/2"	50	Universal	6.2 x 2.7"

Compact Lubricators - metal bowl



Lubricator c/w metal bowl - max 135 psi				
Model	Size	SCFM	Mfg	H x W
NBL-200 - MG	1/4"	35	Universal	6.2 x 2.7"
NBL-300 - MG	3/8"	47	Universal	6.2 x 2.7"
NBL-400 - MG	1/2"	50	Universal	6.2 x 2.7"

Standard Series Lubricators



Lubricator c/w bowl guard - 135 psi				
Model	Size	SCFM	Mfg	H x W
L4000-04	1/2"	105	Universal	7 x 3.5"

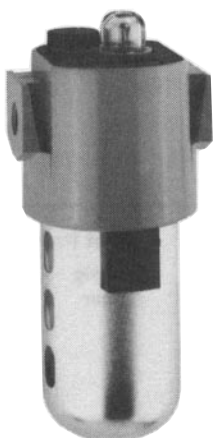
Lubricators - Wilkerson

Wilkerson Lubricators

Bowl guards standard (except Miniature series)

Max pressure 150 psi - plastic bowls

Max pressure 200 psi - metal bowls



Standard 1/2" Lubricator

Model	Size	SCFM
L26-04-000	1/2"	128
L28-04-KK00	1/2"	184

Miniature



Lubricator- no bowl guard - max 150 psi				
Model	Size	SCFM	Mfg	H x W
L03-01-000	1/8"	20	Wilkerson	4.6 x 1.5"
L03-02-000	1/4"	20	Wilkerson	4.6 x 1.5"
L03 series replaces L00 series				

Compact 16 Series



Lubricator c/w bowl guard - max 150 psi				
Model	Size	SCFM	Mfg	H x W
L16-02	1/4"	36	Wilkerson	6.6 x 3"
L16-02-G00	1/4"	36	Wilkerson	6.6 x 3"
L16-03	3/8"	58	Wilkerson	6.6 x 3"
L16-03-G00	3/8"	58	Wilkerson	6.6 x 3"
L16-04	1/2"	64	Wilkerson	6.6 x 3"
L16-04-G00	1/2"	64	Wilkerson	6.6 x 3"
G00 = Metal Bowl c/w sight glass - max 200 psi				

Standard 26 Series



Lubricator c/w bowl guard - max 150 psi				
Model	Size	SCFM	Mfg	H x W
L26-02	1/4"	35	Wilkerson	7 x 3.35"
L26-02-G00	1/4"	35	Wilkerson	7 x 3.35"
L26-03	3/8"	60	Wilkerson	7 x 3.35"
L26-03-G00	3/8"	60	Wilkerson	7 x 3.35"
L26-04	1/2"	128	Wilkerson	7 x 3.35"
L26-04-G00	1/2"	128	Wilkerson	7 x 3.35"
G00 = Metal Bowl c/w sight glass - max 200 psi				

Lubricators - Wilkerson

Compact 18 Series



Lubricator c/w bowl guard - max 150 psi				
Model	Size	SCFM	Mfg	H x W
L18-02-KK00	1/4"	88	Wilkerson	8.35 x 2.36"
L18-02-KL00	1/4"	88	Wilkerson	8.35 x 2.36"
L18-03-KK00	3/8"	90	Wilkerson	8.35 x 2.36"
L18-03-KL00	3/8"	90	Wilkerson	8.35 x 2.36"
L18-04-KK00	1/2"	96	Wilkerson	8.35 x 2.36"
L18-04-KL00	1/2"	96	Wilkerson	8.35 x 2.36"
KL00 = Metal Bowl c/w sight glass - max 250 psi				

Standard 28 Series



Lubricator c/w bowl guard - max 150 psi				
Model	Size	SCFM	Mfg	H x W
L28-03-KK00	3/8"	176	Wilkerson	9.36 x 2.9"
L28-03-KL00	3/8"	176	Wilkerson	9.36 x 2.9"
L28-04-KK00	1/2"	184	Wilkerson	9.36 x 2.9"
L28-04-KL00	1/2"	184	Wilkerson	9.36 x 2.9"
L28-06-KK00	3/4"	200	Wilkerson	9.36 x 2.9"
L28-06-KL00	3/4"	200	Wilkerson	9.36 x 2.9"
KL00 = Metal Bowl c/w sight glass - max 250 psi				

High Capacity Series



Lubricator c/w bowl guard - 150 psi				
Model	Size	SCFM	Mfg	H x W
L30-06	3/4"	196	Wilkerson	10.3 x 4.6"
L30-06-G00	3/4"	196	Wilkerson	10.3 x 4.6"
L30-08	1"	374	Wilkerson	10.3 x 4.6"
L30-08-G00	1"	374	Wilkerson	10.3 x 4.6"
G00 = Metal Bowl c/w sight glass - max 200 psi				

Lubricator c/w bowl guard - 150 psi				
Model	Size	SCFM	Mfg	H x W
L40-0B	1 1/2"	927	Wilkerson	11.6 x 5.5"
L40-0B-G00	1 1/2 "	927	Wilkerson	11.6 x 5.5"
L50-0C	2"	1156	Wilkerson	12.25 x 5.5"
G00 = Metal Bowl c/w sight glass - max 200 psi				

FRL Brackets & Parts



Regulator Brackets - L Shaped

Model	For Unit
B 40 (c/w nut)	R40 and FR3000
B 440 (c/w nut)	R4000 and FR4000
PS-417-B	R03 (bracket c/w nut)
P-78652	R03 (nut only)
GPA-95-012	R16 (nut incl. with regulator)
GPA-95-956	R26 (nut incl. with regulator)
N 40-B	NBR Series



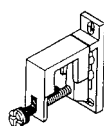
Pipe Clamp - up to 1"

Model	Description
GRP-95-734	U Bolt Bracket



Gauge Port Mounting Bracket

Model	Gauge Port
RRP-95-591	1/8"
RRP-95-590	1/4"



Wilkerson Modular Sleeve & Bracket

Model	Description
GPA-95-969	Sleeve c/w T-Bracket
GPA-95-292	Sleeve only
GPA-95-968	T- Bracket only



Modular End Blocks

Model	Size
GPA-95-223	1/4"
GPA-95-224	3/8"
GPA-95-225	1/2"
GPA-95-321	1"



Automatic Drain - Filters

Model	Manufacturer
GRP-95-973	Wilkerson
AD-30	Universal

Safety Lockout Valves



Model	Size	CFM
V 18-02	1/4"	141
V 18-03	3/8"	216
V 18-04	1/2"	272
V 28-03	3/8"	208
V 28-04	1/2"	290
V 28-06	3/4"	300

2 position, 3 way valve.

In closed position the downstream air exhausts to atmosphere.

The slide valve can be locked in the closed position

Conforms to OSHA #29 CFR part 1910.



Bowl and Guard Replacements

Model	Unit	Bowl & Guard #
F 03	Filter	PS-404-P
F 16	Filter	FRP-95-014
F 26	Filter	GRP-95-935
F 30	Filter	FRP-95-832
F 300	Filter	C300-F (bowl only)
L 03	Lubricator	PS-420 P
L 16	Lubricator	LRP-96-944
L 26	Lubricator	LRP-95-967
L 30	Lubricator	LRP-95-830
L 40	Lubricator	LRP-95-830
L 50	Lubricator	LRP-95-830



Coalescing Elements - .01 micron

Model	Type	Element #
M03	C	PS-446-P
M 16	C	MTP-95-548
M 18	D -carbon	MXP-96-650
M 26	C	MTP-95-549
M 30	C	MTP-95-551
M 31	C	MTP-95-521
M 32	C	MTP-95-559
M 35	C	MTP-95-502



Filter Elements- 5 micron

Model	Element #
F03	PS-403-P
F 16	FRP-95-160
F 18	FRP-96-639
F 26	FRP-95-236
F 28	FRP-96-653
F 30	FRP-95-209
F 35	FRP-95-505
F 43	FRP-95-508
F 4000	CF-04
C 200	AF-04
NB Series	BF-04

Inline FRLs

Inline Filter



Aluminum inline filter weighs only 2 ounces
 Throwaway filter element
 Either port can be used as inlet port
 40 micron element
 300 psi maximum
 35° F to 200° F

Male - Female Inline Filter	
Model	Size
PIF-1FM	1/8"
PIF-2FM	1/4"
PIF-3FM	3/8"
PIF-4FM	1/2"
PIF-6FM	3/4"

Female - Female Inline Filter	
Model	Size
PIF-4F	1/2"
PIF-6F	3/4"
Element	For unit
EK 9072	PIF-1 to PIF-3
EK 9074	PIF-4 to PIF-6

Nipple Inline Filter



40 Micron Element
 300 psi maximum
 For Air, Oil and Water
 Element is not replaceable

Model	Size	Length
HNF-1	1/8"	1.25"
HNF-2	1/4"	1.50"
HNF-3	3/8"	1.75"
HNF-4	1/2"	2.00"

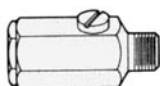
Exhaust Silencer



Eliminates oil mist
 Collection cup c/w manual drain

Model	Size
XMC-04-000	1/2"
XMC-08-000	1"
XMC-0B-000	1.5"

Inline Lubricator



Oil right at air tool with capacity for 8 hour shift
 L01 lubricator cannot be filled under pressure.

Model	Inlet	Outlet
L01-02-000	1/4" (F)	1/4" (F)
L01-02-M00	1/4" (F)	1/4" (M)
L01-03-000	3/8" (F)	3/8" (M)

Inline Regulator



Air control from near shutoff to full flow

Model	Size
2052	1/4"

Foot Valve



Model	Size	Max. psi	Max. temp
F 817-02	1/4"	160	140° F

Uniswivel



Model	Style	Size
3185	360°	1/4" M x F

Ball Chucks



Model	Style	Size
20015	Female	1/4"
20016	Male	1/4"

Manifolds



Model	# of Outlets	Inlet	Outlet
3104	3	1/4"	1/4"



Model	# Of Outlets	Inlet	Outlet
M- 2	2	1/4"	1/4"
M- 3	3	1/4"	1/4"
M- 4	4	1/4"	1/4"
M- 5	5	1/4"	1/4"

Directional Valves



Model	# of Ports	# of Positions	Cv Factor
HVL-802	5 - 1/4"	2	1.0
HVL-832	5 - 1/4"	3	1.0



Model - 4 way 3 position	Size	Outlets -2	Cv Factor
H 816-02	1/4"	Side	2.97
H 816-03	3/8"	Side	2.97
H 816-04	1/2"	Side	2.97



Model	Type	# of Positions	Ports
MV-100-2-V	Toggle	2	1/8"



Model-normally closed	Type	# of Positions	# of Ports	Ports	Connection
MV-15-S-02	roller lever	2	2	1/8"	Side



Model -normally closed	Type	# of Positions	# of Ports	Ports	Connection
MV-20S-02	roller lever	2	2	1/4"	Side
MV-20S-03	one way roller	2	2	1/4"	Side



Model -normally closed	Type	# of Positions	# of Ports	Ports	Connection
MV-25S-08	Push-mushroom	2	5	1/4"	Side
MV-25S-06	Push- flush	2	5	1/4"	Side

Hose Reels



Air Hose Balancer for use with small pneumatic tools

Polyurethane hose
Capacity 3 1/4 lbs
Dial torque adjustment
Adjustable stop for positioning
Maximum pressure 100 psi

Model	Hose Size	Fittings	Hose Length
HR-09	1/4"	1/4"	4 ft



Air Hose Reel c/w Braided Polyurethane Hose
Heavy Duty Steel Construction
Maximum pressure 220 psi
Mounting Wall, Ceiling or Floor

Model	Hose Size	Fittings	Hose Length
HR-04	3/8"	3/8"	33 ft



Air Hose Reel c/w Braided Polyurethane Hose
Maximum pressure 220 psi
Mounting Wall, Ceiling or Floor

Model	Hose Size	Fittings	Hose Length
HR-03 (HR-12)	1/4"	1/4"	32 ft

Push - In Brass Fittings

No tools needed
Reduce assembly time
Designed to work with Nylon, Polyethylene and Polyurethane tubing
Full flow design minimizes pressure drop



Male Connector - Nickel Plated Brass

Model	Camozzi	Tube OD	NPT
500-2-2	6510-02-02	1/8	1/8
500-2.5-2	6510-53-02	5/32	1/8
500-4-2	6510-04-02	1/4	1/8
500-4-4	6510-04-04	1/4	1/4
500-4-6	6510-04-06	1/4	3/8
500-5-2	6510-05-02	5/16	1/8
500-5-4	6510-05-04	5/16	1/4
500-6-2	6510-06-02	3/8	1/8
500-6-4	6510-06-04	3/8	1/4
500-6-6	6510-06-06	3/8	3/8
500-6-8	6510-06-08	3/8	1/2
500-8-4	6510-08-04	1/2	1/4
500-8-6	6510-08-06	1/2	3/8
500-8-8	6510-08-08	1/2	1/2



Union - Nickel Plated Brass

Model	Camozzi	Tube OD
506-2	6580-02-00	1/8
506-2.5	6580-53-00	5/32
506-4		1/4
506-5		5/16
506-6		3/8
506-8	6580-08-00	1/2



Male Elbow - Nickel Plated Brass

Model	Camozzi	Tube OD	NPT
513-6-6	6500-06-06	3/8	3/8



Female Connector - Nickel Plated Brass

Model	Camozzi	Tube OD	NPT
501-2.5-4	6463-53-04	5/32	1/4
501-4-2	6463-04-02	1/4	1/8
501-4-4	6463-04-04	1/4	1/4
501-5-4		5/16	1/4
501-6-4	6463-06-04	3/8	1/4
501-6-6	6463-06-06	3/8	3/8



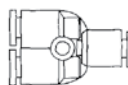
Union Elbow - Nickel Plated Brass
* Nickel Plated / Plastic Collet

Model	Camozzi	Tube OD
504-2	6550-02-00	1/8
504-2.5	6550-53-00	5/32
504-4	*	1/4
504-5	*	5/16
504-6	*	3/8
504-8	6550-08-00	1/2



Union Tee - Nickel Plated Brass

Model	Camozzi	Tube OD
502-4	6540-04-00	1/4
502-5	6540-05-00	5/16
502-6	6540-06-00	3/8



Union Parallel - Tube to Tube

Model	Camozzi	Style	Tube OD (3)
533-4	6560-04-00	B	1/4



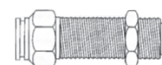
Swivel Male Elbow - Nickel Plated
* Plastic Collet

Model	Camozzi	Tube OD	NPT
514-4-2	6520-04-02	1/4	1/8
513-4-2	*	1/4	1/8
513-6mm-2	*	6 mm	1/8
514-4-4	6520-04-04	1/4	1/4
513-4-4	*	1/4	1/4
513-6-4		3/8	1/4
514-4-6	6520-04-06	1/4	3/8
513-6mm-4	*	6 mm	1/4
514-5-2	6520-05-02	5/16	1/8
514-5-4	6520-05-04	5/16	1/4
514-6-2	6520-06-02	3/8	1/8
514-6-4	6520-06-04	3/8	1/4
514-6-6	6520-06-06	3/8	3/8
514-6-8	6520-06-08	3/8	1/2
514-8-4	6520-08-04	1/2	1/4
514-8-6	6520-08-06	1/2	3/8
514-8-8	6520-08-08	1/2	1/2



Swivel Male Branch Tee

Model	Camozzi	Tube	NPT
516-4-2	6430-04-02	1/4	1/8
516-4-4	6430-04-04	1/4	1/4
516-6-4	6430-06-04	3/8	1/4
516-6-6	6430-06-06	3/8	3/8
516-8-6	6430-08-06	1/2	3/8
516-8-8	6430-08-08	1/2	1/2



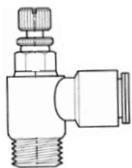
Bulkhead - Nickel Plated Brass

Model	Camozzi	Tube OD
520-2.5	6590-53-00	5/32
520-4	6590-04-00	1/4
520-6	6590-06-00	3/8

Push - In Fittings

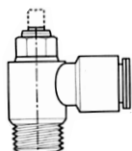
Flow Controls

Manual Adjustment - Nickel Plated Brass/ Plastic Collet



Model	Tube OD	NPT
MCU 53-02-N	5/32"	1/8"
MCU 04-02-N	1/4"	1/8"
MCU 04-04-N	1/4"	1/4"
MCU 06-04-N	3/8"	1/4"
MCU 06-06-N	3/8"	3/8"

Screw Adjustment - Nickel Plated Brass



Model	Tube OD	NPT
SCU 53-02-N	5/32"	1/8"
SCU 04-02-N	1/4"	1/8"
SCU 04-04-N	1/4"	1/4"
SCU 06-04-N	3/8"	1/4"
SCU 06-06-N	3/8"	3/8"

Male Elbow - Brass / Plastic



Model	Tube OD	NPT
SE-4-6	1/4"	3/8"

Needle Valves

Nickel Plated Brass / Plastic



Model	Tube OD
SSC - 2	1/8"



Nickel Plated Brass / Plastic

Model	Tube OD	NPT
SC-25	1/4"	1/8"
SC-28	1/4"	1/4"

Push-In & Threaded Ball Valves

Hand valves are designed to turn on and off the airflow

All NPT threads are precoated with Teflon sealant

Maximum pressure 150 PSI

Temperature 32 to 140° F



Model	Tube OD
HVFF - 1/4	1/4"
HVFF - 5/16	5/16"



Model	NPT
HVSS -N01	1/8"
HVSS -N02	1/4"
HVSS -N03	3/8"
HVSS -N04	1/2"



Model	Tube OD	NPT
HVSF -N02	1/4"	1/4"
HVSF -N03	1/4"	3/8"
HVSF-516-N02	5/16"	1/4"
HVSF-516-N03	5/16"	3/8"



Model	Tube OD	NPT
HVFS -N02	1/4"	1/4"
HVFS -N03	1/4"	3/8"
HVFS-516-N02	5/16"	1/4"
HVFS-516-N03	5/16"	3/8"

Acetal Push - In Fittings

Body food grade acetal copolymer
 O Ring food grade rubber
 Collet food grade with stainless steel teeth
 Temp. -20° F to 180° F

Pressure Air or Liquid 150 psi



Swivel Elbow

(Made from No. 104 & No. 108)



Swivel Branch Tee

(Made from No. 102 & No. 108)



Swivel Male Run Tee

(Made from No. 102 & No. 108)

Male Connector



Tube O.D.	NPT	Model
5/32	1/8	100-2.5-2
5/32	1/4	100-2.5-4
3/16	1/8	100-3-2
1/4	1/8	100-4-2
1/4	1/4	100-4-4
5/16	1/8	100-5-2
5/16	1/4	100-5-4
5/16	3/8	100-5-6
3/8	1/8	100-6-2
3/8	1/4	100-6-4
3/8	3/8	100-6-6
3/8	1/2	100-6-8
1/2	3/8	100-8-6
1/2	1/2	100-8-8

Union Connector



Tube O.D.	Model
5/32	106-2.5
3/16	106-3
1/4	106-4
5/16	106-5
3/8	106-6
1/2	106-8

Union Elbow



Tube O.D.	Model
5/32	104-2.5
3/16	104-3
1/4	104-4
5/16	104-5
3/8	104-6
1/2	104-8

Stem Adapter



Tube O.D.	NPT	Model
5/32	1/8	108-2.5-2
5/32	1/4	108-2.5-4
3/16	1/8	108-3-2
1/4	1/8	108-4-2
1/4	1/4	108-4-4
5/16	1/8	108-5-2
5/16	1/4	108-5-4
5/16	3/8	108-5-6
3/8	1/4	108-6-4
3/8	3/8	108-6-6
1/2	3/8	108-8-6
1/2	1/2	108-8-8

Female Connector



Tube O.D.	NPT	Model
3/8	1/4	101-6-4

Rigid Elbow



Tube O.D.	NPT	Model
1/4	1/8	113-4-2
1/4	1/4	113-4-4
1/4	3/8	113-4-6
3/8	1/4	113-6-4

Union Tee



Tube O.D.	Model
5/32	102-2.5
3/16	102-3
1/4	102-4
5/16	102-5
3/8	102-6
1/2	102-8

Hose Barb Adapter



Stem O.D.	Hose I.D.	Model
1/4	3/16	136-4-3
1/4	1/4	136-4-4
5/16	3/16	136-5-3
5/16	1/4	136-5-4
5/16	5/16	136-5-5
5/16	3/8	136-5-6
3/8	1/4	136-6-4
3/8	5/16	136-6-5
3/8	3/8	136-6-6
3/8	1/2	136-6-8
1/2	3/8	136-8-6
1/2	1/2	136-8-8

Union Y



Model	Tube OD	Tube OD out
132-5-5-5	5/16	5/16 x 5/16
132-6-6-6	3/8	3/8 x 3/8
132-6-5-5	3/8	5/16 x 5/16

Sintered Bronze Silencers

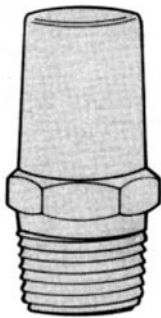
SBM muffler-filters utilize porous sintered bronze directly bonded to pipe thread fittings to diffuse air and muffle noise from the exhaust ports of valves, cylinders, and air tools.

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.

Maximum operating pressure 300 psi.

Operating temperatures 35°F to 300°F

40 micron



Model	Size
SBM-M	10-32
P18	1/8"
P28	1/4"
P38	3/8"
P48	1/2"
P68	3/4"
P88	1"
P108	1 1/4"
P128	1 1/2"
P168	2"

Model	Size
SBM-M	10-32
SBM-1	1/8"
SBM-2	1/4"
SBM-3	3/8"
SBM-4	1/2"
SBM-6	3/4"
SBM-8	1"
SBM-10	1 1/4"
SBM-12	1 1/2"

	ARO	Arrow	Mosier	Norgren	Numatics	PH
		ASP-M	EM-M	10-32TH	POMN	EMM-5
P18	20312-1	ASP-1	EM-1	MS001A	P1MN	EMM-12
P28	20312-2	ASP-2	EM-2	MS002A	P2MN	EM-25
P38	20312-3	ASP-3	EM-3	MS003A	P3MN	EM-37
P48	20312-4	ASP-4	EM-4	MS004A	P4MN	EM-50
P68	20312-6	ASP-6	EM-6	MS006A	P5MN	EM-75
P88	20312-8	ASP-8	EM-8	MS008A	P6MN	EM-100
P108	20312-10	ASP-10	EM-10	MS010A	P7MN	EM-125
P128	20312-12	ASP-12	EM-12	MS012A	P8MN	EM-150
P168						

Stainless Steel Silencers

SSBM-Series mufflers are constructed with 300 series stainless steel materials.

They are resistant to atmospheric corrosion, foodstuffs, sterilizing solutions, many organic chemicals, dyestuffs and a wide variety of inorganic chemicals.

These compact mufflers are furnished with a standard male pipe thread connection. They are easy to install and maintain and are particularly suitable for a confined area.

They are used to diffuse air and muffle noise from the exhaust ports of air valves, air cylinders and air tools to an acceptable level within OSHA noise requirement.

SSBM-Series mufflers can also be used as filters for gasoline, various chemical solutions, oil and air exhaust and intake filtering, coalescing of oil mist or water vapor, cryogenic phase separation, pressure or vacuum equalization and many others.

Unit should be mounted in a protective position free from excessive vibration.

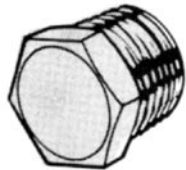
Maximum operating pressure 300 psi

Operating temperatures 35°F to 392°F

70 micron

Model	Size
SSBM - 1	1/8"
SSBM - 2	1/4"
SSBM - 3	3/8"
SSBM - 4	1/2"
SSBM - 6	3/4"
SSBM - 8	1"

Breather Vents



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 opened to the atmosphere.

Maximum operating pressure 150 psi

Operating temperatures 35°F to 300°F

40 micron

Model	Size
F18	1/8"
F28	1/4"
F38	3/8"
F48	1/2"
F68	3/4"
F88	1"
F108	1 1/4"
F128	1 1/2"
F168	2"

Model	Size
BV-1	1/8"
BV-2	1/4"
BV-3	3/8"
BV-4	1/2"
BV-6	3/4"
BV-8	1"
BV-10	1 1/4"
BV-12	1 1/2"

	ARO	Arrow	Norgren	Numatics	PH
F18	20311-1	ASP01 BV	MV001A	B1MN	04702-0002
F28	20311-2	ASP02 BV	MV002A	B2MN	04704-0004
F38	20311-3	ASP03 BV	MV003A	B3MN	04706-0006
F48	20311-4	ASP04 BV	MV004A	B4MN	04708-0008
F68	20311-6	ASP06 BV	MV006A	B5MN	04712-0012
F88	20311-8	ASP08 BV	MV008A	B6MN	04716-0016
F108	20311-10	ASP010 BV	MV010A	B7MN	04720-0020
F128	20311-12	ASP012 BV	MV012A	B8MN	04724-0024
F168					

Breather Vents



Female Thread Breather Vents

Model	Size
FBV - 1	1/8"
FBV - 2	1/4"
FBV - 3	3/8"
FBV - 4	1/2"

Brass body and sintered bronze element
40 micron
Maximum operating pressure 150 psi
Operating temperature 35°F to 300°F



Stainless Steel Breather Vents

Model	Size
SSBV - 1	1/8"
SSBV - 2	1/4"
SSBV - 3	3/8"
SSBV - 4	1/2"
SSBV - 6	3/4"
SSBV - 8	1"

300 series stainless steel construction
70 micron
Maximum operating pressure 150 psi
Operating temperatures 35°F to 392°F



Screen Breather Vents - Stainless Steel Wire

Model	Size
SBV - 1	1/8"
SBV - 2	1/4"
SBV - 3	3/8"
SBV - 4	1/2"
SBV - 6	3/4"
SBV - 8	1"

Stainless Steel wire element
Nickel plated brass body
Longer life under higher pressures
Maximum operating pressure 300 psi
Operating temperatures 35°F to 300°F

Speed Controls



Superb Linear Metering Adjustment

Speed Control Muffler units provide an infinite variation of metering air flow at an acceptable sound level on exhaust ports of air valves with complete safety.

The speed of an operating cylinder or air tool may be increased or decreased with the adjusting screw.

Final position is then locked in place by the lock nut.

Objectionable exhaust air noise is eliminated by the surrounding sleeve of sintered bronze.

Maximum operating pressure 300 psi.

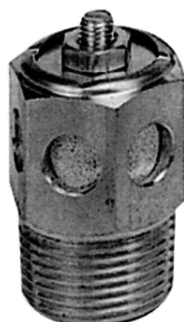
Operating temperatures 35°F to 300°F

40 micron

Model	Size
SCM-1	1/8"
SCM-2	1/4"
SCM-3	3/8"
SCM-4	1/2"
SCM-6	3/4"
SCM-8	1"

	ARO	Arrow	Norgren	Numatics	PH
C18	20313-1	ASP1SC	MM001A	A1MN	04502-0002
C28	20313-2	ASP2SC	MM002A	A2MN	04504-0004
C38	20313-3	ASP3SC	MM003A	A3MN	04506-0006
C48	20313-4	ASP4SC	MM004A	A4MN	04508-0008
C68	20313-6	ASP6SC	MM006A	A5MN	04512-0012
C88	20313-8	ASP8SC	MM008A	A6MN	04516-0016

Stainless Steel Speed Controls



Model	Size
SSSCM - 1	1/8"
SSSCM - 2	1/4"
SSSCM - 3	3/8"
SSSCM - 4	1/2"
SSSCM - 6	3/4"
SSSCM - 8	1"

SSSCM-Series stainless steel muffler with speed control provides an infinite variation of control of airflow at an acceptable sound level on the exhaust ports of air valves or single acting cylinder with complete safety. They are constructed with 300-Series stainless steel materials, therefore they are resistant to atmospheric corrosion, food stuffs, sterilizing solutions, many organic chemicals, dyestuffs and wide variety of inorganic chemicals.

An external adjustment screw accurately varies orifice opening from closed to full as required. The final position can be locked into place by the lock nut.

The surrounding sleeve of stainless steel element reduces exhaust air noise and it is protected by the integral stainless steel shroud/cage.

Unit should be mounted in a protective position free from excessive vibration.

Maximum operating pressure 300 psi

Operating temperatures 35° F to 392° F

70 micron

Speed Controls



Speed Control Muffler units provide an infinite variation of metering air flow at an acceptable sound level on exhaust ports of air valves with complete safety. The speed of an operating cylinder or air tool may be increased or decreased with the adjusting screw. Final position is then locked in place by the lock nut. Objectionable exhaust air noise is eliminated by the surrounding sleeve of sintered bronze.

Maximum operating pressure 300 psi.
Operating temperatures 35°F to 300°F
40 micron



Model	Material	Size
C18	Plated Steel	1/8"
C28	Plated Steel	1/4"
C38	Plated Steel	3/8"
C48	Plated Steel	1/2"
C68	Plated Steel	3/4"
C88	Plated Steel	1"



Model	Material	Size
C18-A	Aluminum	1/8"
C28-A	Aluminum	1/4"
C38-A	Aluminum	3/8"
C48-A	Aluminum	1/2"
C68-A	Aluminum	3/4"
C88-A	Aluminum	1"

		Aro	Arrow	Norgren	Numatics	PH
C18- A	C18	20313-1	ASP1SC	MM001A	A1MN	04502-0002
C28- A	C28	20313-2	ASP2SC	MM002A	A2MN	04504-0004
C38- A	C38	20313-3	ASP3SC	MM003A	A3MN	04506-0006
C48- A	C48	20313-4	ASP4SC	MM004A	A4MN	04508-0008
	C68	20313-6	ASP6SC	MM006A	A5MN	04512-0012
	C88	20313-8	ASP8SC	MM008A	A6MN	04516-0016

SPBM-Series muffler utilizes P or SBM series muffler to fit with an external flow adjustment screw. The external flow adjustment screw accurately varies the orifice opening from closed to full flow as required. The final position is then locked in place by the lock nut. Unit should be mounted in a protective position free from excessive vibration.

Maximum operating pressure 300 psi.
Operating temperatures 35°F to 300°F
40 micron



Model	Size
SPBM-1	1/8"
SPBM-2	1/4"
SPBM-3	3/8"
SPBM-4	1/2"

	ARO	Arrow	Norgren	Numatics	PH
SPBM-1	20313-1	ASP1SC	MM001A	A1MN	04502-0002
SPBM-2	20313-2	ASP2SC	MM002A	A2MN	04504-0004
SPBM-3	20313-3	ASP3SC	MM003A	A3MN	04506-0006
SPBM-4	20313-4	ASP4SC	MM004A	A4MN	04508-0008

Metal High Flow Mufflers



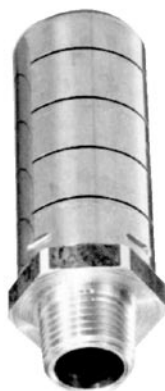
Rugged design featuring corrosion-resistant all metal construction, high-flow capacity and minimal back pressure.

When installed in the exhaust ports of pneumatic valves, these metal pneumatic silencers are a quick and inexpensive method to help reduce work area noise and at the same time they protect the inside of the valve from contamination through the exhaust ports.

Maximum operating pressure 300 psi
Operating temperatures 35°F to 160°F

Model	Size
B-18	1/8"
B-28	1/4"
B-38	3/8"
B-48	1/2"
B-68	3/4"
B-88	1"
B-108	1 1/4"
B-128	1 1/2"
B-168	2"

	ARO	Numatic
B-18	20308-1	M1MN
B-28	20308-2	M2MN
B-38	20308-3	M3MN
B-48	20308-4	M4MN
B-68	20308-6	M6MN
B-88	20308-8	M8MN



MHM-Series high flow mufflers feature a 50 mesh self cleaning stainless steel screen which are combined with a corrosion-resistant aluminum shell to create a highly efficient ultra quiet muffler designed with minimal back pressure.

When installed on the exhaust ports of pneumatic valves or manifolds the aluminum body muffler provides a quick and inexpensive way to reduce work area noise while preventing contamination from entering into the inside of the pneumatic valves.

Unit should be mounted in a protective position free from excessive vibration.

Maximum operating pressure 300 psi
Operating temperatures 35°F to 160°F
50 mesh

Model	Size
MHM-1	1/8"
MHM-2	1/4"
MHM-3	3/8"
MHM-4	1/2"
MHM-6	3/4"
MHM-8	1"

	Arrow	Norgren
MHM-1	ASQF-1M	B001A
MHM-2	ASQF-2M	B002A
MHM-3	ASQF-3M	B003A
MHM-4	ASQF-4M	B004A
MHM-6	ASQF-6M	B006A
MHM-8	ASQF-8M	B008A

Filter Silencers



Filters out dirt particles as small as 5 micron

Provides up to 85 % noise reduction and 94 % flow factor

Highly efficient dual-stage filter plus an effective muffler for equipment such as compressor intakes, pumps, reservoir vents and wherever it is essential for air to be free of contaminants and excess noise.

Maximum pressure 125 psi

F series has both an outer and inner perforated guard plus an additional felt disc at the inlet for extra silencing.

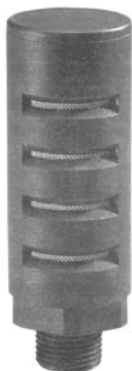
M series has an outer perforated guard over the cellulose element.

F series		
Model	Size	Length
F01	1/8"	3.125"
F02	1/4"	4.375"
F00	3/8"	5.125"
F05	1/2"	6.00"
F07	3/4"	7.187"
F10	1"	8.75"
F12	1 1/4"	8.75"
F15	1 1/2"	13.562"
F20	2"	18.875"

M series		
Model	Size	Length
M01	1/8"	3.125"
M02	1/4"	4.375"
M00	3/8"	5.125"
M05	1/2"	6.00"
M07	3/4"	7.187"
M10	1"	8.75"
M12	1 1/4"	8.75"
M15	1 1/2"	13.562"
M20	2"	18.875"
M30	3"	22.875"
M40	4"	23.25"

Elements (for F and M series)	
Model	
3101	
3102	
3100	
3105	
3107	
3110	
3112	
3115	
3120	

Silencers



Plastic body and 50 mesh stainless steel screen
Maximum operating pressure 150 psi
Operating temperature 35°F to 120°F

Plastic Silencer

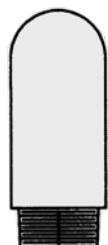
Model	Size	Length	Dia	Cv Factor
HPM-1	1/8"	2 1/8"	13/16"	1.0
HPM-2	1/4"	2 1/4"	13/16"	2.1
HPM-3	3/8"	3 7/16"	1 1/4"	4.3
HPM-4	1/2"	3 9/16"	1 1/4"	6.3



Polyethylene body and polyvinyl element
Maximum operating pressure 130 psi
Operating temperature 40°F to 140°F

Polyethylene Silencer

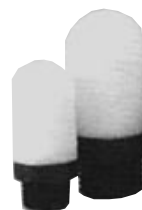
Model	Size	Length	Dia
PM-1	1/8"	1 3/8"	5/8"
PM-2	1/4"	1 1/2"	5/8"
PM-3	3/8"	2 5/8"	1 "
PM-4	1/2"	2 3/4"	1 1/8"



Polyethylene body & porous polyethylene element
Maximum operating pressure 150 psi
Operating temperature 40°F to 195°F

Polyethylene Muffler

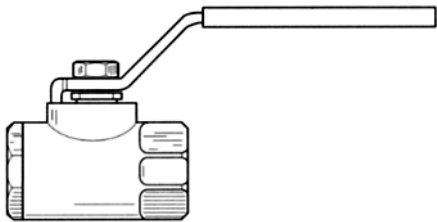
Model	Size
POM-1	1/8"
POM-2	1/4"
POM-3	3/8"
POM-4	1/2"
POM-6	3/4"
POM-8	1"



Ball Valves - Brass

General Purpose - Full Port

600 psi
 Max. temp. 400° F
 Chrome plated ball
 Blow-out proof c/w adjustable packing

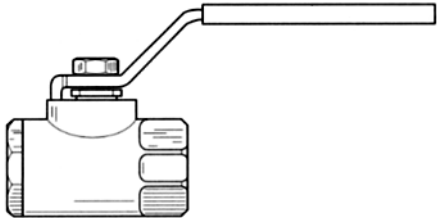


Model	Size	Port Dia.
BG-2	1/4"	8 mm
BG-3	3/8"	10 mm
BG-4	1/2"	14 mm
BG-6	3/4"	19 mm
BG-8	1"	25 mm
BG-10	1 1/4"	32 mm
BG-12	1 1/2"	40 mm
BG-16	2"	50 mm



Full Port- CGA, AGA, UL Approved

600 psi
 Chrome plated ball
 Blow-out proof c/w adjustable packing
 CGA 3.16 Approved for -40°F to 400° F



Model	Size	Port Dia
613-2	1/4"	10mm
613-3	3/8"	10mm
613-4	1/2"	15mm
613-6	3/4"	20mm
613-8	1"	25mm
613-10	1 1/4"	32mm
613-12	1 1/2"	40mm
613-16	2"	50mm

Ball Valves

T Handle Brass Ball Valve - Full Port

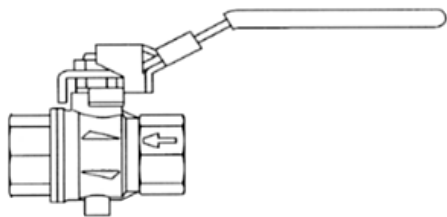
600 psi
Max. temp. 400° F
Chrome plated ball
Blow-out proof c/w adjustable packing



Model	Size	Port Dia.
BFL-4	1/2"	15 mm

Safety Exhaust Ball Valve c/w Locking Handle

SEL in locked position allows downstream air to exhaust
29" HG vacuum to 125 psi
Bronze body
Chrome plated ball
Blow-out proof stem c/w adjustable packing
RTFE seats and seals
Temperature -35°F to 150°F



Model	Size
SEL-2	1/4"
SEL-3	3/8"
SEL-4	1/2"
SEL-6	3/4"
SEL-8	1"
SEL-10	1 1/4"
SEL-12	1 1/2"
SEL-16	2"

Ball Valves

3 Way Ball Valve - Bronze

29" HG-400 psi
150 PSIG saturated steam
Chrome plated ball
Blow-out proof stem c/w adjustable packing
RTFE seats and seals
Temperature -35°F to 400°F



Size	Model
1/4"	BHM-2T
3/8"	BHM-3T
1/2"	BHM-4T
3/4"	BHM-6T
1"	BHM-8T
1 1/4"	BHM-10T
1 1/2"	BHM-12T
2"	BHM-16T

3 Way Safety Exhaust Ball Valve c/w Locking Handle and Exhaust Muffler

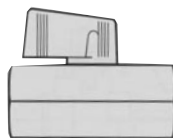
Bronze
29" HG-300 psi
Chrome plated ball
Blow-out proof stem c/w adjustable packing
RTFE seats and seals
Temperature -35°F to 150°F



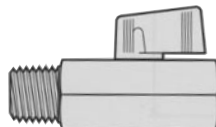
Size	Model
1/4"	SELH-2
3/8"	SELH-3
1/2"	SELH-4
3/4"	SELH-6
1"	SELH-8
1 1/4"	SELH-10
1 1/2"	SELH-12
2"	SELH-16

Miniature Brass Ball Valves

450 psi
Chrome plated brass body
Temp - 4°F to 200°F



Female/ Female



Male/ Female

Model	Size
334-1	1/8"
334-2	1/4"
334-3	3/8"
334-4	1/2"

Model	Size
335-1	1/8"
335-2	1/4"
335-3	3/8"
335-4	1/2"

Stainless Steel Ball Valves

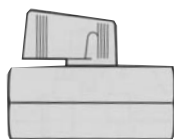
Miniature Stainless Steel Ball Valves

316 Stainless Steel - CF8M

Seats - PTFE

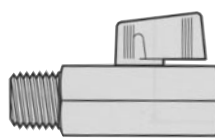
800 psi

Temp - 4°F to 200°F



Female/ Female

Model	Size
334SS-1	1/8"
334SS-2	1/4"
334SS-3	3/8"
334SS-4	1/2"



Male/ Female

Model	Size
335SS-1	1/8"
335SS-2	1/4"
335SS-3	3/8"
335SS-4	1/2"

1 Piece Stainless Steel Ball Valve c/w Locking Handle

Investment Cast

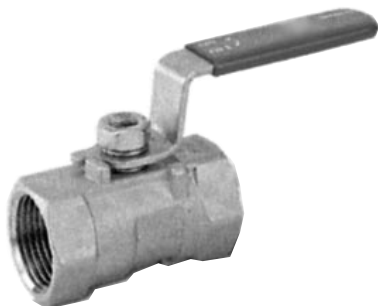
Reduce Bore

800 psi

Body - CF8M

Ball/ Stem 316 SS

Seats PTFE



Model	Size
SS1FF-2	1/4"
SS1FF-3	3/8"
SS1FF-4	1/2"
SS1FF-6	3/4"
SS1FF-8	1"
SS1FF-10	1 1/4"
SS1FF-12	1 1/2"
SS1FF-16	2"

1 Piece Stainless Steel Ball Valve

w/o locking handle

Reduce Bore

800 psi

Body - CF8M

Ball/ Stem 316 SS

Seats PTFE

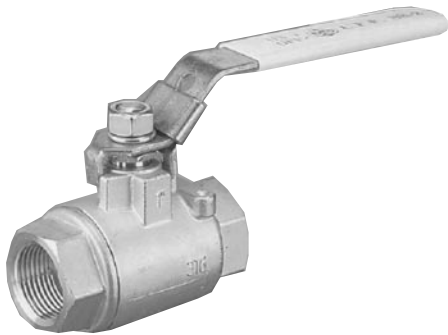


Model	Size
SS1MF-2	1/4"
SS1MF-3	3/8"
SS1MF-4	1/2"
SS1MF-6	3/4"
SS1MF-8	1"

Stainless Steel & Block Hydraulic Ball Valves

2 Piece Stainless Steel Ball Valve c/w Locking Handle

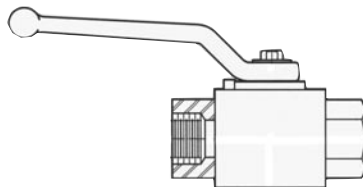
Full Bore
1000 psi
Body - CF8M 316SS
Ball/ Stem 316 SS
Seats PTFE



Model	Size	Port Dia.
SS2FF-2	1/4"	11.2 mm
SS2FF-3	3/8"	12.6 mm
SS2FF-4	1/2"	15 mm
SS2FF-6	3/4"	20 mm
SS2FF-8	1"	25 mm
SS2FF-10	1 1/4"	32 mm
SS2FF-12	1 1/2"	38 mm
SS2FF-16	2"	50 mm

Hydraulic Ball Valves

For all types of Hydraulic Fluid
Block Body- Zinc Clear Coating
Full Port
Delrin ball seats
Viton stem seals
Temp. - 20° F to 210° F

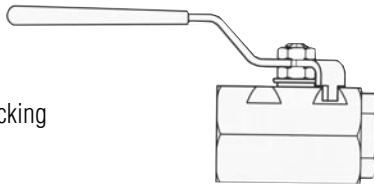


Model	Size	Max. Press.
3400-02	1/4"	7350 psi
3400-03	3/8"	7350 psi
3400-04	1/2"	7350 psi
3400-06	3/4"	5880 psi
3400-08	1"	5145 psi

Ball Valves

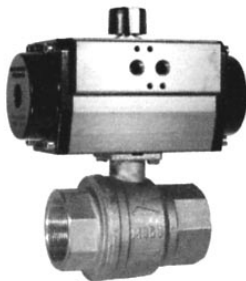
Carbon Steel Ball Valves

CG Series
2000 psi
150 psi saturated steam
Chrome plated ball
Blow-out proof stem c/w adj. packing
RTFE seats & seals
Temp. -35°F to 400°F



Model	Size	Port Dia.
CG-2	1/4"	9.5 mm
CG-3	3/8"	9.5 mm
CG-4	1/2"	12.7 mm
CG-6	3/4"	17.5 mm
CG-8	1"	22.2 mm

Actuated Ball Valves



Bronze 2 Way Pneumatically Actuated Ball Valves
29 hg to 600 psi WOG- full port

Size	Double Acting
1/4"	PD-B2F-2
3/8"	PD-B2F-3
1/2"	PD-B2F-4
3/4"	PD-B2F-6
1"	PD-B2F-8
1 1/4"	PD-B2F-10
1 1/2"	PD-B2F-12
2"	PD-B2F-16

Size	Spring Closed
1/4"	PC-B2F-2
3/8"	PC-B2F-3
1/2"	PC-B2F-4
3/4"	PC-B2F-6
1"	PC-B2F-8
1 1/4"	PC-B2F-10
1 1/2"	PC-B2F-12
2"	PC-B2F-16



Namur 4 Way Single Solenoid			
Model	Voltage	Connection	Inrush
N4S - C1	110 AC	Conduit	62 mA
N4S - D1	110 AC	Din	62 mA
N4S - C2	24 DC	Conduit	108 mA
N4S - C12	12 DC	Conduit	204 mA

Valve Operating Data
Cv = 1.68
Pressure Range 20 to 120 psi
Ports 1/4"
Duty Cycle 100 % continuous
Power consumption 2.5 watts
Temperature Range 35° F to 130° F
NEMA 4, 4x and NEMA 4, 4c
CSA - LR 51090 and 202633x

Needle Valves - Stainless & Carbon Steel

Stainless Steel

Investment Cast

Body - ASTM 351 Gr. CF8M

Packing -Teflon

Stem - 316 SS

Handle - 304SS

Maximum pressure 6000 psi



Size	Model	Material
1/8"	SSNV-1	Stainless
1/4"	SSNV-2	Stainless
3/8"	SSNV-3	Stainless
1/2"	SSNV-4	Stainless

Carbon Steel

Designed for use with air, oil, water, steam, liquid fuels and most chemicals.

Heavy duty brazed construction for added strength and safety up to 10,000 psi.

Precision-machined stems and valve bodies provide perfect seat alignment for leak-free shut-off.

Maximum pressure – 10,000 psi Hydraulic or 2,000 psi Air



Model	Material	Size
FFG2002T	Carbon Steel	1/4"
FFG2003T	Carbon Steel	3/8"
FFG2004T	Carbon Steel	1/2"

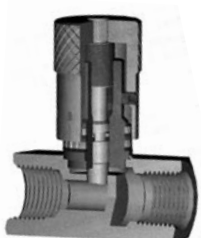
TMN Series with Color Bands - Carbon Steel

Easy to read color bands and micrometer knob for exact flow settings

Designed for extremely precise control of air and hydraulic fluids

Re-set repeatability within 1 %

Maximum pressure 5000 psi



Model	Material	Size
TMN - 250 S	Carbon Steel	1/4"
TMN - 375 S	Carbon Steel	3/8"
TMN - 500 S	Carbon Steel	1/2"
TMN - 750 S	Carbon Steel	3/4"

Needle Valves - Brass

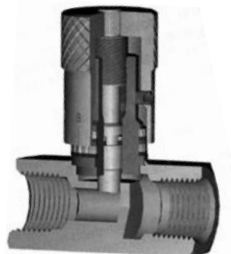
TMN SERIES with Color Bands - Brass

Easy to read color bands and micrometer knob for exact flow settings

Designed for extremely precise control of air and hydraulic fluids

Re-set repeatability within 1%

Maximum pressure 2000 psi



Model	Size
TMN - 125 B	1/8"
TMN - 250 B	1/4"
TMN - 375 B	3/8"
TMN - 500 B	1/2"

Knurled Knob - Brass

Designed for the precise control of air and hydraulic fluids

Maximum pressure 2000 psi



Model	Size
KLN -125 B	1/8"
KLN - 250 B	1/4"
KLN - 375 B	3/8"
KLN - 500 B	1/2"
KLN - 750 B	3/4"

Test Bench & Control Panel Needle Valve - Brass

Designed for air, water, vacuum service and most chemicals

Brass Body

Female - Female

Maximum pressure 2000 psi



Model	Size
NV-25	1/4"

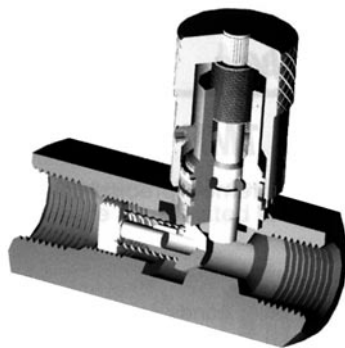
Flow Controls

TMF Series with Colour Bands

Easy to read color bands and micrometer knob for exact flow settings
Designed for extremely precise control of hydraulic and pneumatic actuators.
Provides metered flow in one direction and free-flow in the reverse direction
Re-Set repeatability within 1%.
Maximum pressure 2000 psi - Brass
Maximum pressure 5000 psi - Steel
Temperature - 20°F to 400°
Cracking pressure 2 PSI

Brass Body

Model	Size
TMF- 125 B	1/8"
TMF- 250 B	1/4"
TMF- 375 B	3/8"
TMF- 500 B	1/2"
TMF- 750 B	3/4"



Carbon Steel Body

Model	Size
TMF- 250 S	1/4"
TMF- 375 S	3/8"
TMF- 500 S	1/2"
TMF- 750 S	3/4"

Knurled Knob - Brass

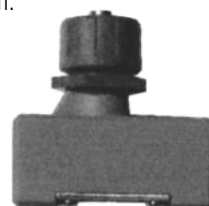
Designed for the precise control of hydraulic and pneumatic actuator
Provides meter flow in one direction and free-flow in the reverse direction.
Maximum pressure 2000 psi.
Temperature - 20°F to 212°F



Model	Size
KLF -125 B	1/8"
KLF- 250 B	1/4"
KLF -375 B	3/8"
KLF -500 B	1/2"
KLF -750 B	3/4"
KLF -1000 B	1"

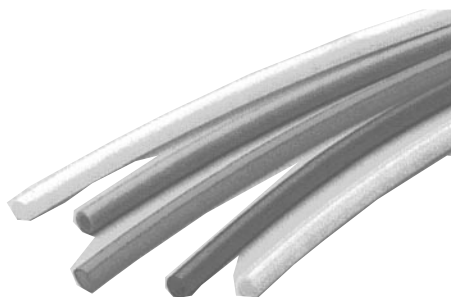
S400 Series - Zinc Diecast

Provides metered flow in one direction and free flow in the reverse direction.
Maximum pressure 200 psi



Model	Size
S 400-02	1/4"
S 400-03	3/8"
S 400-04	1/2"

Tubing Polyurethane-Polyethylene



Nylon Tubing

Excellent Flexibility
Abrasion resistance
Strong and lightweight
Chemical resistant

Temperature
-60° F to 200° F
-50° C to 90° C

Nylon Tubing - Fractional

OD	ID	Model	Length	Colour
1/8	.080	N11-2-AN	100'	Natural
5/32	.106	N11-2.5-AN	100'	Natural
3/16	.118	N11-3-AN	100'	Natural
1/4	.180	N11-4-AN	100'	Natural
1/4	.180	N11-4-AB	100'	Black
5/16	.233	N11-5-AN	100'	Natural
3/8	.275	N11-6-AN	100'	Natural
3/8	.275	N11-6-AB	100'	Black
1/2	.375	N11-8-AN	100'	Natural

Nylon Tubing - Metric

OD	ID	Model	Length	Colour
4	2.7	N11-0427	100'	Natural
6	4	N11-0604	100'	Natural
8	6	N11-0806	100'	Natural
10	8	N11-1008	100'	Natural
12	10	N11-1210	100'	Natural

Polyurethane Tubing

Softer and more flexible than Nylon
Kink resistant
The most flexible of all tubing

Temperature
-40° F to 165° F

Polyurethane Tubing - Fractional

OD	ID	Model	Length	Colour
1/8	1/16	PU2-ABU	100'	Blue
5/32	3/32	PU2.5-ABU	100'	Blue
1/4	5/32	PU445-ABU	100'	Blue
3/8	1/4	PU6-ABU	100'	Blue
1/2	3/8	PU8-ABU	100'	Blue

Polyurethane Tubing - Metric

OD	ID	Model	Length	Colour
4	2.5	PU0425	100'	Blue
6	4	PU0604	100'	Blue
8	6	PU0806	100'	Blue
10	7	PU1007	100'	Blue

Polyethylene Tubing

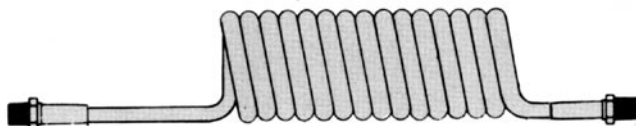
Economical
Good flexibility
Chemical resistant

Temperature
- 50° F to 140° F
- 10° C to 60° C

Polyethylene Tubing - Fractional

OD	ID	Model	Length	Colour
5/32	.106	PE2.5-AN	100'	Natural
1/4	.170	PE4-AN	100'	Natural
3/8	1/4	PE-662-AN	100'	Natural
1/2	3/8	PE8-AN	100'	Natural

Hose



Polyurethane Recoil Hose

Highly Flexible and Kink proof
Abrasive Resistant
Soft - will not mark finishes
Swivel fittings - both ends
Temperature -4°F to + 165°F
Size 1/4" -143 psi max. pressure @ 75°F
Size 3/8" -132 psi max. pressure @ 75°F
Working length 80 -90% of material length

Polyurethane Recoil Hose Assemblies

Model	Colour	Size	Fitting Size
PR 1425	Blue	1/4" x 25'	1/4"
PR 1450	Blue	1/4" x 50'	1/4"
PR 3825	Blue	3/8" x 25'	1/4" *

* for 3/8" hose fittings add bushing #110-CB \$ 1.13 each

Red Rubber Hose - Single Braid

200 PSI Max. Pressure
-60°F to 250°F



Sizes
1/4"
3/8"
1/2"

Hose Assemblies c/w male NPT fittings

Model	Size	Conn.
2525	1/4" x 25'	1/4"
2550	1/4" x 50'	1/4"
3825-R	3/8" x 25'	1/4"
3850-R	3/8" x 50'	1/4"
3825-S	3/8" x 25'	3/8"
3850-S	3/8" x 50'	3/8"
5025-S	1/2" x 25'	1/2"
5050-S	1/2" x 50'	1/2"

Tube Cutters



Model	Description
601	Cuts up to 3/4"



Model	Description
MC-1	Cuts 1/8" to 1 5/8" (3 mm to 42 mm)
PC-1250B	Blade - reversible blade = 2 x blade life

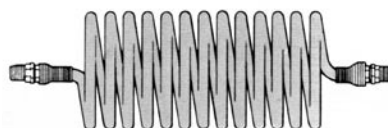
PVC Braided Hose



Model	Colour	Hose ID	Hose OD	Work pressure	Burst pressure	Length
PVCB 38594- C	Clear	3/8"	.594	250 psi @ 75°F	750 psi @ 75°F	50 ft
PVCB 38594- BU	Blue	3/8"	.594	250 psi @ 75°F	750 psi @ 75°F	50 ft

1/4" Nylon Recoil Hose Assemblies

Model	Size	Colour
1425	1/4" x 25'	Yellow
1450	1/4" x 50'	Yellow



Brass swivel fittings on 1425 & 1450
200 psi maximum pressure
Temperature -20°F to 180°F
Working length 60 -70% of length

Bulk Nylon Recoil Hose

Model	Size	Std. length	Colour
Recoil 1/4	1/4"	100 feet	Yellow
Recoil 3/8	3/8"	100 feet	Yellow
Recoil 1/2	1/2"	100 feet	Yellow

Blow Guns

Model - **B010**



Oversized brass valve - maximum flow

Model - **B011**



B011 c/w extra nozzle



Oversized brass valve - maximum flow

Model - **B012**



B012 c/w extra nozzle



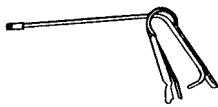
Chrome plated steel valve

Extensions- for B010 & B011 (blow gun extra)

Model	Length
2062	6"
2063	12"



Model - **30035**
Clip on (ball chuck) Blowgun



Blow Guns



OSHA Standard Blow Gun
 OSHA Safety Standard
 Brass inlet insert for added strength
 Colour - Blue
 Nozzle -100mm - 4"
 125 maximum psi
 Flow variable

Model	Nozzle	Colour
300	100 mm - 4"	Blue



Colour - Blue
 Nozzle -100 mm - 4" or 250 mm - 10"
 125 maximum psi
 Flow variable

Model	Nozzle	Colour
201	100 mm - 4"	Blue
202	250 mm - 10"	Blue



Model	Nozzle	Colour
203	100 mm- 4"	Red
204	250 mm - 10"	Red



Model	Nozzle	Colour
400	Stub Nose	Blue

Rubber tip for units shown excluding Model #400
 Model - **200 TIP**



Electronic Drain

Automatic draining of filters, air dryers, compressors and other vessels
CSA approved
NEMA 4
110/60/1
Adjustable timing from 1 minute to 45 minutes with 1 to 15 seconds opening
Manual override
6' power cord
Maximum pressure 175 psi
Maximum temperature 120° F



Electric Drain

Model	Size
ET-20-E	1/4"
ET-20-2	1/4"
ET-20-3	3/8"
ET-20-4	1/2"



Electric Drain - complete with Strainer Ball Valve

Model	Size
ET-20-2A	1/4"
ET-20-3A	3/8"
ET-20-4A	1/2"

Strainer will keep drain free of debris and pipe scale

Electronic Drain

Automatic draining of filters, air dryers, compressors and other vessels
 CSA approved
 NEMA 4
 110/60/1
 Adjustable timing from 1 minute to 45 minutes with 1 to 15 seconds opening
 Manual override
 6' power cord
 Maximum pressure 300 psi
 Maximum temperature 120° F



Electric Drain - 7/16" orifice

Model	Size
ET-20-M- 1/4	1/4"
ET-20-M -3/8	3/8"
ET-20-M-1/2	1/2"

Size	Model	Discharge in 5 seconds
1/4"	ET-20M 1/4	1.38 gal
3/8"	ET-20M 3/8	1.54 gal
1/2"	ET-20M 1/2	1.77 gal

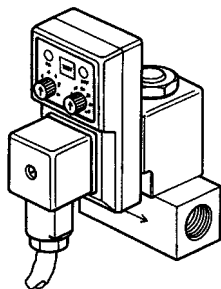


Electric Drain - complete with Strainer Ball Valve

Model	Size
ET-20M-1/4-A	1/4"
ET-20M-3/8-A	3/8"
ET-20M-1/2-A	1/2"

Strainer will keep drain free of debris and pipe scale

Stainless Steel Drain



Electric Drain - Stainless Steel

Model	Size
ET - 20 SS	1/4"

Electronic Drain Packages

All in One Unit



Electronic Drain Package 1/4" Drain

1/2" Inlet Strainer Ball Valve
1/4" 90 ° Push In Fitting
5 feet Tubing for draining
All in one assembly

Model
ET-20 C

Automatic draining of filters, air dryers, compressors and other vessels

CSA approved

NEMA 4

110/60/1

Adjustable timing from 1 minute to 45 minutes with 1 to 15 seconds opening

Manual override

6' power cord

Maximum pressure 175 psi

Maximum temperature 120° F

Self Cleaning Unit



1/2" inlet male **and** 1/4" inlet female connections

1/4" outlet

Cleaning exit - 1/2" and 1/4" can be used

ET-20 SC incorporates a self cleaning feature whereby a fixed strainer screen removes contaminants before reaching the valve orifice.

The only maintenance required is to open the ball valve periodically. The full flow would then be redirected from a 90° position to a straight through direction which cleans the filter screen of collected contaminants with a short blast.

All other components such as coil, timer and cord are same as ET-20 drain.

Model
ET-20 SC

Zero Loss Electronic Drain

Zero Los service for compressed air systems.

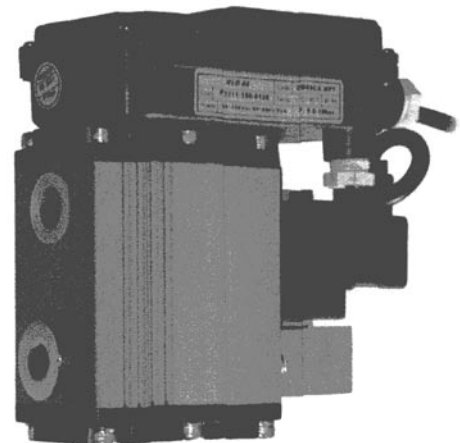
Condensate is removed without loss of air capacity from system.

Maximum air capacity is 300 cfm

Pressure rating 0 - 250 psi

110/ 60/ 1 6' power cord

Model	Inlet	Outlet	Weight
NLD-05	1/2"	1/2"	3.5 lbs



Strainers

Bronze Y Strainers

Bronze body
 Stainless steel screen
 Virgin teflon O-rings
 Temp. max. 150° F
 Pressure max. 200 psi



Size	Model	Length	Height
1/4"	YSB-2	2"	2"
3/8"	YSB-3	2"	2"
1/2"	YSB-4	2.38"	2.25"
3/4"	YSB-6	2.75"	2.75"
1"	YSB-8	3"	2.75"
1 1/4"	YSB-10	3.5"	3.5"
1 1/2"	YSB-12	4.25"	3.75"
2"	YSB-16	5"	4.75"

#50 mesh size 1/8" to 1/2"
 #20 mesh size 3/4" to 2"

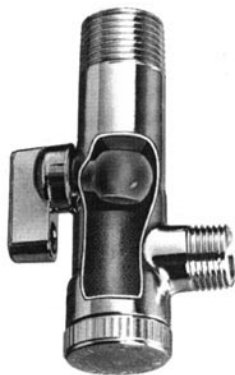
Stainless Steel Y Strainers - 316

Stainless Steel body - ASTM-A351 Gr. CF8M
 Stainless steel screen
 Teflon PTFE gasket
 Temp. max. 150° F @ 800 psi
 Pressure max. 800 psi

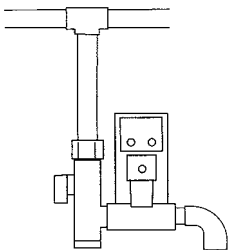
Size	Model	Length	Height
1/4"	SSYS-2	2.60"	2.25"
3/8"	SSYS-3	2.60"	2.25"
1/2"	SSYS-4	2.60"	2.25"
3/4"	SSYS-6	3.25"	2.75"
1"	SSYS-8	3.60"	3.60"

#12 mesh

Strainer/ Ball Valves



Model	Inlet	Outlet
360-02	1/2"	1/4"
360-03	1/2"	3/8"



Adapters - strainer to electric drains

Model	Size F x M
110 CB	1/4" X 3/8"
110 DB	1/4" X 1/2"
110DC	3/8" x 1/2"
120CB	3/8" x 1/4"

Mold Couplers and Mobile Unit Couplers

Mold Quick Changes are used to supply coolant to molds

Maximum pressure 70 psi

Brass construction

Quick Coupler



Coupler - Male	
Model	Size
MKM-20	1/8 "
MKM-30	1/4 "
MKM-40	3/8 "



Coupler - Female	
Model	Size
MKF-20	1/8 "
MKF-30	1/4 "
MKF-40	3/8 "



Coupler - Nipple	
Model	Size
MKN-20	1/8 "
MKN-30	1/4 "
MKN-40	3/8 "

Plugs



Plug - Male	
Model	Size
PLM-20	1/8 "
PLM-40	3/8 "



Plug - Female	
Model	Size
PLF-20	1/8 "
PLF-30	1/4 "
PLF-40	3/8 "



Plug - Nipple	
Model	Size
PLN-20	1/8 "
PLN-30	1/4 "
PLN-40	3/8 "

Universal Steel Couplers - Mobile Compressors



Coupler - Male c/w safety clip	
Model	Size
66005	3/8 "
66006	1/2 "
66007	3/4 "
66008	1"



Coupler - Female c/w safety clip	
Model	Size
66009	3/8 "
66010	1/2 "
66011	3/4 "
66012	1"



Coupler - Hose End c/w safety clip	
Model	Size
66001	3/8 "
66002	1/2 "
66003	3/4 "
66004	1"



Triple Connector	
Model	
66013	



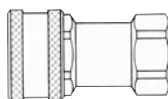
Washer - Rubber	
Model	
66000	

Hydraulic Quick Disconnects

ISO A Industrial Interchange Quick Couplings - Steel

Coupler	Size	Max. Pressure
ANV-14-F	1/4"	4970 psi
ANV-38-F	3/8"	4260 psi
NV-12-F	1/2"	4260 psi
ANV-34-F	3/4"	3550 psi
ANV-1-F	1"	3265 psi

Couplers



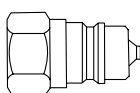
ISO A Industrial Interchange Plugs - Steel

Plugs	Size	Max. Pressure
ANV-14-M	1/4"	4970 psi
ANV-38-M	3/8"	4260 psi
NV-12-M	1/2"	4260 psi
ANV-34-M	3/4"	3550 psi
ANV-1-M	1"	3265 psi

ISO B Industrial Interchange Quick Couplings

Coupler	Size	Material	Max. Pressure
HNV-14-F	1/4"	Steel	5000 psi
KZD-N02-SF	1/4"	Brass	1065 psi
HNV-38-F	3/8"	Steel	4500 psi
KZD-N03-SF	3/8"	Brass	1065 psi
HNV-12-F	1/2"	Steel	3750 psi
KZD-N04-SF	1/2"	Brass	639 psi
HNV-34-F	3/4"	Steel	3000 psi
KZD-N06-SF	3/4"	Brass	639 psi

Plugs



ISO B Industrial Interchange Plugs

Plugs	Size	Material	Max. Pressure
HNV-14-M	1/4"	Steel	5000 psi
KZD-N02-PF	1/4"	Brass	1065 psi
HNV-38-M	3/8"	Steel	4500 psi
KZD-N03-PF	3/8"	Brass	1065 psi
HNV-12-M	1/2"	Steel	3750 psi
KZD-N04-PF	1/2"	Brass	639 psi
HNV-34-M	3/4"	Steel	3000 psi
KZD-N06-PF	3/4"	Brass	639 psi

Agricultural Interchange Quick Couplings - Steel

Coupler	Size	Max. Pressure
NS-14-F	1/4"	5075 psi

Agricultural Interchange Plugs - Steel

Plugs	Size	Max. Pressure
NS-14-M	1/4"	5075 psi
NS-38-M	3/8"	3625 psi
NS-12-M	1/2"	3045 psi

Safety Self-Venting Couplers

Soft Body Self Venting - 1/4" Industrial Interchange Body Size

Automatic safety coupler that won't allow the plug to be completely disconnected until the downstream air is bled off.



Model	Connection Size
C14V-4F	1/4" - female
C14V-4M	1/4" - male
C14V-6F	3/8" - female
C14V-6M	3/8" - male
C14V-8F	1/2" - female
C14V-8M	1/2" - male

All Brass Self Venting - 1/4" Industrial Interchange Body Size

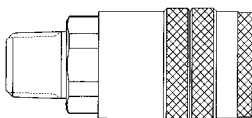
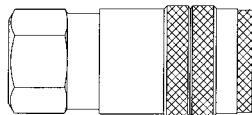
Automatic safety coupler that also prevents disconnecting until the downstream air is completely bled off.



Model	Connection Size
C14Z-4F	1/4" - female
C14Z-4M	1/4" - male
C14Z-6F	3/8" - female
C14Z-6M	3/8" - male

Couplers

1/4" Industrial Interchange

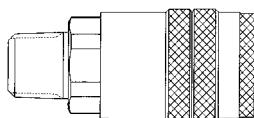
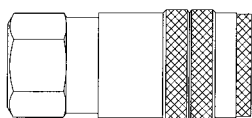


Female Coupler		
Model	Size	Style
2FF2	1/4"	Manual
2FF3	3/8"	Manual
1179	1/4"	Automatic
1179-A	1/4" Alum.	Automatic

Male Coupler		
Model	Size	Style
2FM2	1/4"	Manual
2FM3	3/8"	Manual
1177	1/4"	Automatic
1177-A	1/4" Alum.	Automatic

Plugs used with 1/4" Industrial Interchange		
D2M2	Male	1/4"
D2F2	Female	1/4"
D2M3	Male	3/8"
D2F3	Female	3/8"

1/4" Tru-Flate Parker Interchange



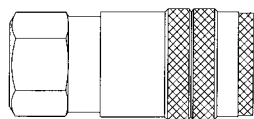
Female Coupler		
Model	Size	Style
A2184	1/4"	Manual
A2185	3/8"	Manual

Male Coupler		
Model	Size	Style
A2181	1/4"	Manual
A2182	3/8"	Manual

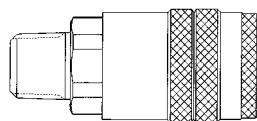
Plugs used with 1/4" Tru-Flate Interchange		
2154	Male	1/4"
2155	Female	1/4"
2156	Male	3/8"
2157	Female	3/8"

Couplers

3/8" Industrial Interchange

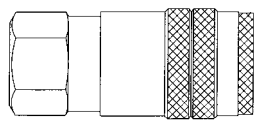


Female Coupler		
Model	Size	Style
3FF2	1/4"	Manual
3FF3	3/8"	Manual
3FF4	1/2"	Manual

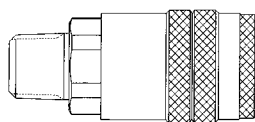


Male Coupler		
Model	Size	Style
3FM2	1/4"	Manual
3FM3	3/8"	Manual
3FM4	1/2"	Manual

1/2" Industrial Interchange



Female Coupler		
Model	Size	Style
4FF3	3/8"	Manual
4FF4	1/2"	Manual



Male Coupler		
Model	Size	Style
4FM3	3/8"	Manual
4FM4	1/2"	Manual

Couplers

Aro 210 Interchange Coupler

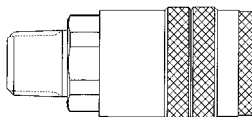
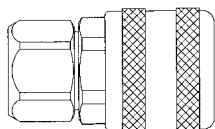
Automatic Coupler
1/4" body size
Nickel plated steel construction
Plugs used – 1210 MP
1210 FP



210 Couplers			
Model	Connection	Size	Style
1210	Female	1/4"	Automatic
1210-M	Male	1/4"	Automatic

Universal Coupler

Automatic Coupler
Couplers fit the following plugs
Industrial Interchange
Aro 210
Tru-Flate
CEJN 320
Obac
Nitro

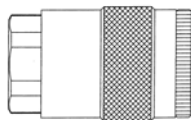


Female Coupler		
Model	Size	Style
1179	1/4"	Automatic
1179- A	1/4" Aluminum	Automatic

Male Coupler		
Model	Size	Style
1177	1/4"	Automatic
1177- A	1/4" Aluminum	Automatic

Lincoln Series

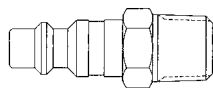
Automatic Coupler
1/4" body size
Plugs used – 1149 male
1152 female



Female Coupler		
Model	Size	Style
1146	1/4"	Automatic

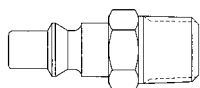
Plugs

1/4" Industrial Interchange



Model	Description	Size
D2M2	Male	1/4"
D2F2	Female	1/4"
D2M3	Male	3/8"
D2F3	Female	3/8"

1/4" Aro Interchange



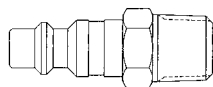
Model	Description	Size
1210 MP	Male	1/4"
1210 FP	Female	1/4"
1210 HB	Hose Barb	1/4"

1/4" Swivel Industrial Interchange



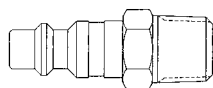
Model	Description	Size
D2 Swivel	Male	1/4"

3/8" Industrial Interchange



Model	Description	Size
D3M2	Male	1/4"
D3M3	Male	3/8"
D3M4	Male	1/2"
D3F2	Female	1/4"
D3F3	Female	3/8"
D3F4	Female	1/2"

1/2" Industrial Interchange



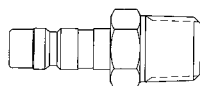
Model	Description	Size
D4M3	Male	3/8"
D4M4	Male	1/2"
D4F3	Female	3/8"
D4F4	Female	1/2"

1/4" Tru-Flate Interchange



Model	Description	Size
2154	Male	1/4"
2155	Female	1/4"
2156	Male	3/8"
2157	Female	3/8"

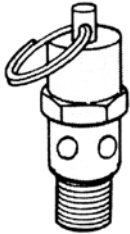
1/4" Lincoln Interchange



Model	Description	Size
1149	Male	1/4"
1152	Female	1/4"

Relief Valves

1/4" - 3/8" ASME Relief Valves



Model ST-25 Size 1/4"

Model ST-33 Size 3/8"

A compact, high flow rate safety valve. All brass construction with resilient silicone seat seal results in a bubble tight seal to within 10% of set pressure.

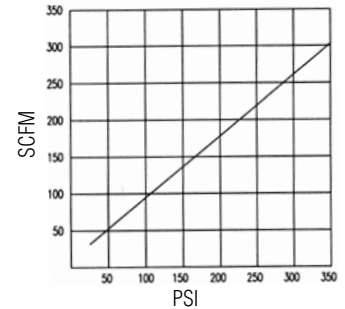
Zinc-plated music wire spring.

Maximum temperature 250°F

Set pressure range on ST-25 is 25 - 350 psi

Set pressure range on ST-33 is 70 - 200 psi

Model	Settings
ST- 25	25 to 350
ST- 33	70 to 200



1/2" ASME Relief Valves



Model SF-50 Size 1/2" (old # SV-50)

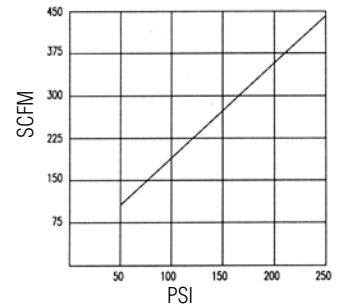
High flow rate safety valve. All brass construction with resilient silicone rubber seat seal results in a bubble tight seal to within 10% of set pressure.

Zinc-plated music wire spring.

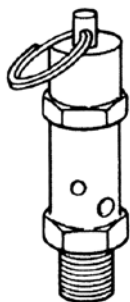
Maximum temperature 250° F

Set pressure range 100 psi to 225 psi.

Model	Settings
SF- 50	100 to 225 psi



Stainless Steel ASME Relief Valves 1/4" and 1/2"



Hard seat stainless steel safety valve

Body - 304 stainless steel

Spring - 302 stainless steel

Seal - 440C stainless steel ball

Set pressure tolerance + or - 3 %

Maximum temperature 400°F

ASME (NB, UV) CSA certified

Model	Size	Settings
MCSA25SS	1/4"	50 to 350 psi
MCSN50SS	1/2"	50 to 350 psi

Relief Valves

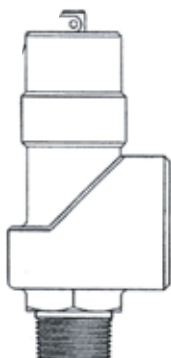
3/4" - 1" - 1 1/4" ASME Relief Valves



High flow rate safety valve
Brass construction
Resilient Silicone rubber seat
Bubble tight to within 10% of set pressure.
Maximum temperature 250°F

Model	Size	Settings
SB-75	3/4"	70 to 225 psi
SW- 10	1"	100 to 200 psi
SW- 12	1 1/4"	100 to 300 psi

High Capacity ASME Relief Valves



Side vent ASME safety valve designed for large flow capacities.
Pull Ring design.
O Ring seal is bubble tight to within 10% of set pressure.
All brass construction with stainless steel springs.
Set pressure range is 50 to 300 psi.
Maximum temperature 300°F

Model	Size (In-Out)	Height	Width
SCB-5075	1/2" x 3/4"	4 1/2"	2"
SCB-7510	3/4" x 1"	4 1/2"	2"



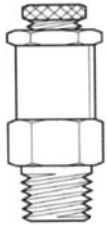
Side vent ASME cast bronze safety valve.
Teflon PFA Fluorocarbon seat.
Set pressure range is 50 to 300 psi.
Maximum temperature 400°F

Model	Conbraco #	Size (In-Out)	Height	Width
SCB-1012	CV19-0810	1" x 1 1/4"	8 3/4"	3 1/2"
SCB-1212	CV19-1010	1 1/4" x 1 1/4"	8 3/4"	3 1/2"
SCB-1515	CV19-1212	1 1/2" x 1 1/2"	10"	4"
SCB-2020	CV19-1616	2" x 2 "	11 1/2"	4 3/4"

Flow Capacity- CFM				
Set Pressure	CV19-0810	CV19-1010	CV19-1212	CV19-1616
50 psi	379	379	622	968
75 psi	528	528	867	1351
100 psi	678	678	1112	1733
150 psi	977	977	1603	2498
200 psi	1276	1276	2094	3262
250 psi	1575	1575	2584	4027

Relief Valves

Non Code Relief Valve



This safety valve though miniature in size has been designed to give high flow performance. NC valves incorporate many of the tested features found in the A.S.M.E. code valves including the same type one-piece body and seat construction for greater economy and a more positive leak-proof seal. Maximum temperature 150° F

Model	Size
NC- 25	1/4"

Ranges
25 to 50 psi
50 to 100 psi
100 to 150 psi
150 to 200 psi

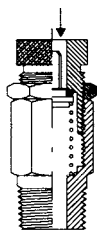
Low Pressure Relief Valve



Model PR low pressure relief valves are used in systems to maintain a desired pressure level. Model PR is a proportional relief valves and not "pop" type safety valves. Unit is not preset at the factory, but easily field adjusted with knurled adjustment screw and locked with jam nut. All brass construction with stainless steel spring and ball as poppet. Maximum temperature 250° F Range - 0-20 psi Flow 2 cfm

Model	Size
PR- 25	1/4"

Vacuum Relief Valve

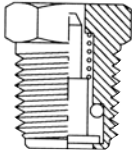


Model VR vacuum relief valves are used in systems to maintain a desired vacuum level. Model VR is a proportional relief valves and not "pop" type safety valves. Unit is not preset at the factory but easily field adjusted with knurled adjustment screw and locked with jam nut. All brass construction with stainless steel springs and ball as poppet. Maximum temperature 250° F Maximum vacuum pump size ¼ HP

Model	Size
VR- 25	1/4"
VR- 38	3/8"
VR- 75	3/4"

Compressor Valves

Cold Start Valve



Model	Size	Compressor
CS-12	1/8"	1/2 to 2 HP
CS-25	1/4"	2 to 5 HP

CS -12 and CS -25 valves bleed air from the compressor head during the first few revolutions, thus reducing motor starting torque requirements. These valves are especially helpful on oil-lube pumps that may be subject to low temperatures and low starting voltages, such as a contractor unit that may sit outside overnight and be connected to a long extension cord.

The CS valve is installed into any convenient port upstream of the tank check valve. Typical installations are into a 1/8" npt port in the check valve or into a port tapped in the head of the pump or into a tee in the discharge line.

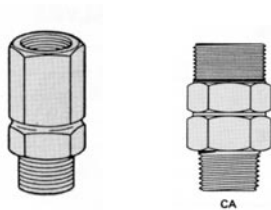
With the discharge line at zero pressure the CS valve is open. As the pump starts the air flows out the CS valve to atmosphere and as pump speed and discharge pressure increase the valve snaps shut and stays closed until the end of the pump-up cycle.

Body and piston are brass with stainless steel spring and fluorocarbon o-ring.

Load Genie- Unloader Check Valve

Combination Unloader and Check Valve.

Unloads compressor manifold any time flow stops.



Model	Inlet	Outlet	SCFM
CA- 6	3/8" tube conn.	1/4" MPT	1 to 6
CA- 12	1/2" tube conn.	3/8" MPT	3 to 12
CA-24	3/4" tube conn	1/2" MPT	8 to 24
PA- 6	1/4" FPT	1/4" MPT	1 to 6
PA-12	3/8" FPT	3/8" MPT	3 to 12
PA- 24	1/2" FPT	1/2" MPT	8 to 24
PA- 48	3/4" FPT	3/4" MPT	15 to 48

Receiver Foot Valve

Draining condensate made easy
No kneeling on floor to drain tanks
Brass plated steel
Stainless Steel spring
Max. pressure 275 psi
Max. temp 300 F



Model	Size	Discharge	Height
FV-100-38	3/8"	1/8"	1 3/4"
FV-200-50	1/2"	1/2"	2 3/4"
FV-200-75	3/4"	3/4"	2 3/4"

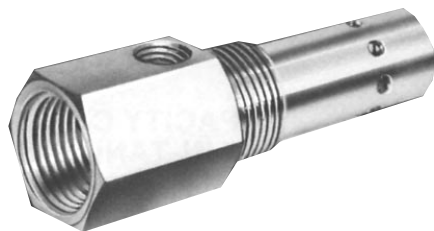
Check Valves - Intank

Maximum pressure 450 psi

Maximum temperature 400 °F

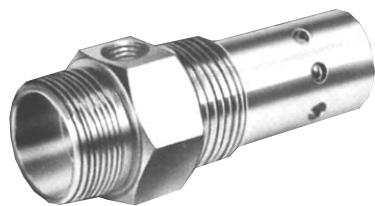
Steel Valves are dichromated plated for corrosion resistance

Intank Check - NPT Threads



Model	Material	SCFM	FPT inlet	MPT outlet
P 5050-ST	Brass	20	1/2"	1/2"
S 1212	Steel	20	1/2"	1/2"
P 5075-ST	Brass	30	1/2"	3/4"
P 7575-ST	Brass	30	3/4"	3/4"
S 3434	Steel	30	3/4"	3/4"
P 7510-ST	Brass	60	3/4"	1"
S 1034	Steel	60	3/4"	1"
P 7515-ST	Brass	150	3/4"	1 1/2"
P 1010-ST	Brass	60	1"	1"
S 1010	Steel	60	1"	1"
P 1212-ST	Brass	130	1 1/4"	1 1/4"
P 1515-ST	Brass	150	1 1/2"	1 1/2"

Intank Check - Compression Fitting

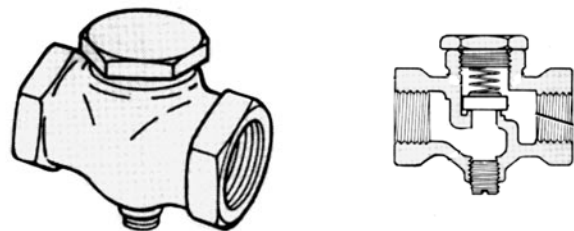


Model	Material	SCFM	Tube Comp	MPT outlet
C 5038-STA	Brass	20	1/2"	3/8"
C 5050-ST	Brass	20	1/2"	1/2"
SC 1212	Steel	20	1/2"	1/2"
C 7575-ST	Brass	30	3/4"	3/4"
SC 3434	Steel	30	3/4"	3/4"
C7510-ST	Brass	60	3/4"	1"

Check Valves

Cast Brass Check

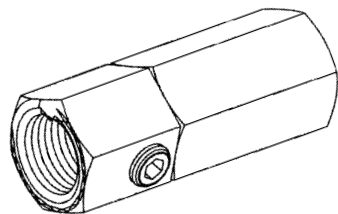
250 psi maximum
450° F maximum temperature
Cracking Pressure < 3 psi



Model	Size
CB-13	1/8"
CB-25	1/4"
CB-38	3/8"
CB-50	1/2"
CB-75	3/4"
CB-10	1"
CB-12	1 1/4"
CB-15	1 1/2"
CB-20	2"

Inline Check Valve

450 psi maximum
400° F maximum



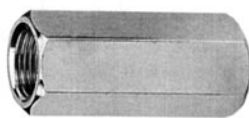
Similar to "P" intank check valve.
For compressor applications where an intank valve will not fit a "IC" valve can be installed right in the discharge line of the compressor.
Standard with 1/8" unloader port on IC-50 and IC-75 only

Model	Size	Max. Flow
IC 38	3/8"	12 SCFM
IC 50	1/2"	20 SCFM
IC 75	3/4"	30 SCFM

Check Valves

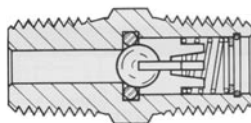
Check valves for the control of air.
Allows full flow in one direction.

Female - Female
212 psi maximum
40° F to 140° F
Nickel Plated Brass



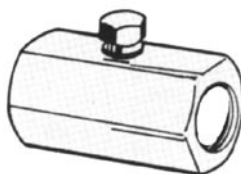
Size	Model
1/8"	CV- 1
1/4"	CV -2
3/8"	CV -3
1/2"	CV -4

Male - Male
250 psi maximum
40° F to 250° F
Brass



Size	Model
1/4"	M 2525

Female - Female
2000 psi maximum
-20° F to 212° F
Brass



Size	Model
1/8"	BC-125B
1/4"	BC-250B
3/8"	BC- 375B
1/2"	BC- 500B

Ball Check Valve

400 psi maximum size 1/4" to 2"
175 psi maximum 2 1/2" to 3"
210° F maximum temperature
0.5 psi cracking pressure

Size	Model
1/4"	BC-2
3/8"	BC-3
1/2"	BC-4
3/4"	BC-6
1"	BC-8
1 1/4"	BC-10
1 1/2"	BC-12
2"	BC-16



Stainless Steel

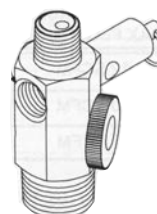
Size	Model
1/4"	SC-2
3/8"	SC-3
1/2"	SC-4

Tank Valves - Slide Valves

Tank Manifolds



CTM



ACM

Model	Application
ACM	Air Compressor
CTM	Carry Tank

Tank Valve

Tank valves are used wherever a method of inflating a tank with a standard air chuck is required. Brass body ,nylon cap and standard tire core valve.



Size	Model
1/8"	TV-12

Slide Valve

Allows full flow in one position and block supply pressure and exhausts downstream pressure in other position.

Brass

250 psi maximum

40° F - 140° F temperature



Size	Model
1/4"	SL- 250B

Unloader Pilot Valves & Throttle Valves

Throttle Control



Model	Length
TC-12	12"
TC-18	18"
TC-24	24"
TC-30	30"
TC-48	48"



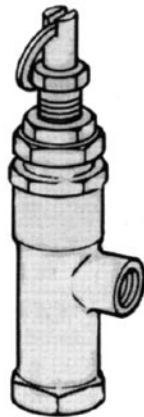
TC throttle controls are used on gas engine-driven compressors to reduce engine speed to idle when the continuous run control (such as CDI model LGM20 and LGM30 vent unloaders or model P25 pilot valve) has reached its “cut out” setting. This saves fuel and reduces engine and compressor wear.

The 1/8"NPT inlet of the TC is connected to the throttle control part of the vent unloader or connected into a “tee” of the head unloader line of pilot valve installations. The cable end is attached to the appropriate throttle linkage on the engine and the cable housing is appropriately anchored using the supplied cable clamps.

In operation the vent unloader or pilot valve sends a pressure signal to the TC at the cut-out setting. This causes the TC piston to extend the control cable which pushes the throttle lever causing the engine to idle down. At the cut-in setting the pressure signal going to the TC is vented allowing the spring to return the piston cable and throttle lever to the original full speed position.

Brass body and piston with nitrile o-ring and zinc plated steel spring and retaining ring. Vinyl covered, steel armored housing with stainless steel cable.
Maximum temperature 250°F
Minimum pressure 60 psi
Maximum pressure 250 psi

Pilot Valve



Variable Range and Differential

This Unloader Pilot Valve fills the need for a control that can be adjusted both for pressure range and differential.

It also includes an easy-operating manual unloader sleeve for start-up under no-load conditions.

Maximum pressure 250 psi

Maximum temperature 350° F

Range 95 -115 (Standard)

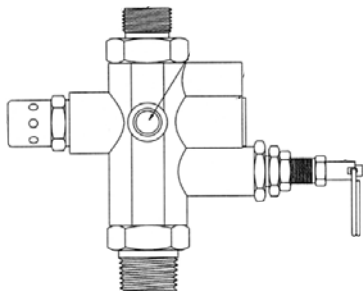
100-125

140-175

Pilot Valve Model - **P-25**

Pilot Valve Venting Model- **P-25 V**

Continuous Run Unloader



The Load Genie Mark LGM 30 replaces the conventional three component system with all the economic advantages including elimination of extra tubing and fittings, elimination of pilot or governor, suction valve unloaders and the check valve.

Factory preset and field adjustable

Compressor can be field converted from automatic start-stop to continuous run

Can be serviced without removal

Can be manually unloaded

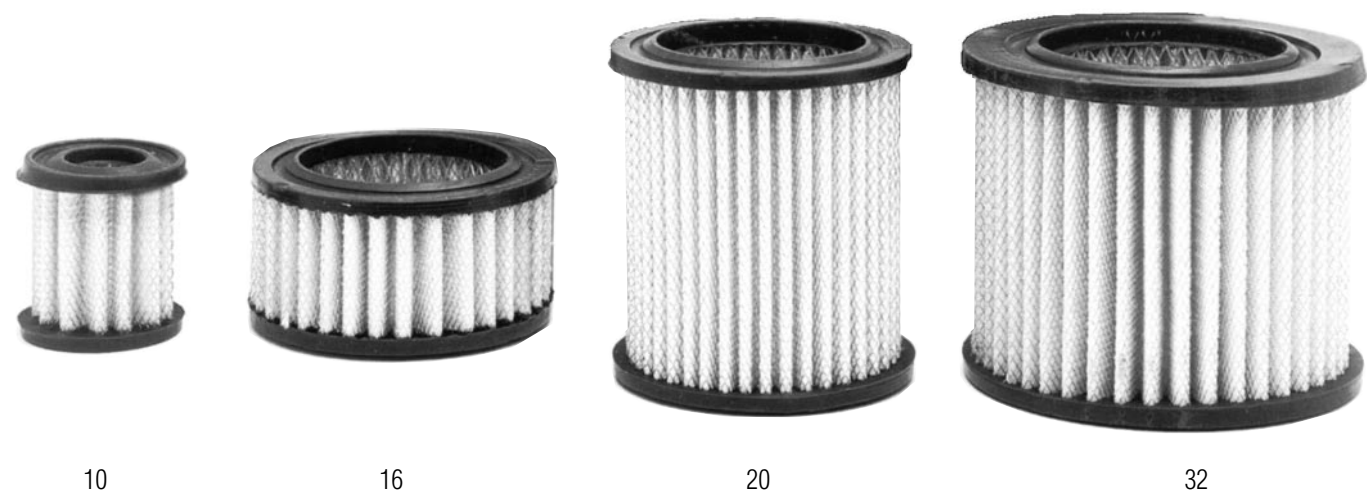
Connections 1/2"

30 CFM

Range 95-115 psi

Model - **LGM- 30**

Filter Elements - Compressors



Elements

Model	Solberg #	Height	OD	ID
10-D	08	2 25"	2 .25"	1.125"
10-C	09	2 25"	2.25"	1.125"
16-D	14	2 25"	4.375"	3"
16-C	15	2 25"	4.375"	3"
20-CP	19P	4 75"	4.375"	3"
20-DP	18P	4 75"	4.375"	3"
32-CP	31P	5 75"	5.75"	3.5"
32-DP	30P	5 75"	5.75"	3.5"

40 micron filtration
C - Cloth element
D - Paper element
P - Prefilter

Air Compressor Filters



Compact Series



Model	Solberg No.	Height x Dia.	Size
F-10D-025	F08 or F09	3.75" x 3.25"	1/4"
F-10D-038	F08 or F09	3.75" x 3.25"	3/8"
F-10D-050	F08 or F09	3.75" x 3.25"	1/2"
F-10D-075	F08 or F09	3.75" x 3.25"	3/4"

Standard Series



Model	Solberg No.	Height x Dia.	Size
F-16D-050	F14-050	5" x 6.75"	1/2"
F-16D-075	F14-075	5" x 6.75"	3/4"
F-16D-100	F14-100	5" x 6.75"	1"
F-20D-100	F18-18P-100	7" x 6.75"	1"
F-20D-125	F18-18P-125	7" x 6.75"	1 1/4"
F-20D-150	F18-18P-150	7" x 6.75"	1 1/2"

Flow Thru Series



Model	Solberg No.	Height x Dia.	Size
FT-16DP-075	FT14-075	4" x 4.50"	3/4"
FT-16DP-100	FT14-100	4" x 4.50"	1"
FT-20DP-125	F18-18P-125	6.5" x 4.50"	1 1/4"
FT-20DP-150	FT18-18P-150	6.5" x 4.50"	1 1/2"

Silencing Tube Series



Model	Solberg No.	Height x Dia.	Size
S-16D-050	FS14 or FS15	5" x 6.75"	1/2"
S-16D-075	FS14 or FS15	5" x 6.75"	3/4"
S-16D-100	FS14 or FS15	5" x 6.75"	1"
S-20D-100	FS18P or FS19P	5" x 6.75"	1"
S-20D-125	FS18P or FS19P	5" x 6.75"	1 1/4"
S-20D-150	FS18P or FS19P	5" x 6.75"	1 1/2"

Pressure Switches



Universal

Model	Mfg.	Features	Setting	Min/Max
69 JF-6 (69MB-6)	Furnas	Basic Unit	80- 100	60- 110

Model	Mfg.	Features	Setting	Min/Max
PSW- 3566	Universal	Disconnect lever Unloader valve Similar to 69 MB-7LY Similar to 69MB-7L	95 -125	20- 150
69 JF- 7LY (69 MB-7LY)	Furnas	Disconnect lever Unloader valve	95- 125	50- 145
69 JF-7L (69 MB-7L)	Furnas	Disconnect valve	95- 125	50- 145



Furnas

Model	Mfg.	Features	Setting	Min/Max
PSW-3567	Universal	Disconnect lever Unloader valve Similar to 69 MC-8Y	115-150	20- 150
69 JG-8Y (69 MC-8Y)	Furnas	Unloader valve	115- 150	90- 165

Model	Mfg.	Features	Setting	Min/Max
PSW-3562	Universal	4 port manifold Disconnect lever Unloader valve Similar to 69 MC-72C	95-125	20- 150



Furnas 69-HAU-1

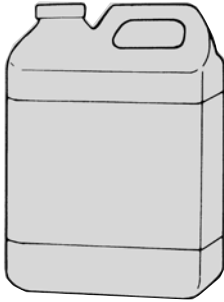
Model	Mfg.	Features	Setting	Min/Max
69 HAU-1	Furnas	Unloader valve	115- 150	40- 250

Unloaders	Mfg.	Features
69-DCA (75D-27)	Universal	Unloader valve for PSW-3562 & 3566 & 3567 & 69 HAU
69-DJA	Furnas	Unloader valve for Furnas Pressure Switches except 69HAU

Model	115-60-1	230-60-1	230-60-3	575-60-3
69JF	1 ½ HP	2 HP	3 HP	1 HP
69JG	2	3	5	1
69ES	2	3	5	-
69HAU	2	3	5	5
PSW	1 ½	3	5	1

Lubricant - Vibration Isolators

Air Compressor Oil



Compressor Oil for reciprocating air compressors

This oil incorporates rust and oxidation inhibitors to prevent corrosion

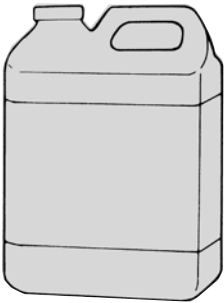
Non detergent #30

Helps eliminate carbon deposits which clog exhaust valve

Model	Size
ACL- 4	4 litre

For shipping and boxing purposes
order ACL-4 in qty of 6 pieces

Air Tool Lubricant



Removes Moisture

Prolongs Tool Life

Lubricates & Rust Proofs

#10 Weight Lubricant

Non Detergent

Model	Size
ATL- 1	1 litre

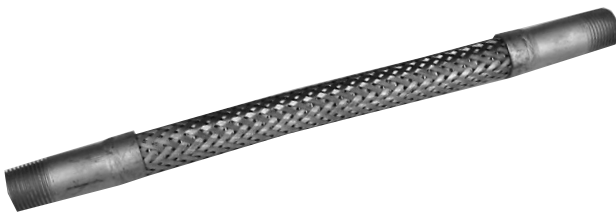
For shipping and boxing purposes
order ATL-1 in qty of 12 pieces

Model	Size
ATL- 4	4 litre

For shipping and boxing purposes
order ATL-4 in qty of 6 pieces

Stainless Steel Anti-Vibration Hoses

Carbon Steel Fittings (NPT)



Maximum temperature 800°F

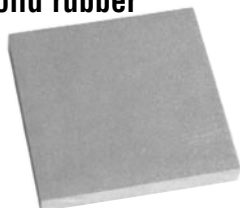
Maximum pressure 500 psi for ½" units

250 psi for all others

Model	Size
108-12	½" x 12"
112-12	¾" x 12"
116-12	1" x 12"
120-18	1 ¼" x 18"
124-18	1 ½" x 18"
132-18	2" x 18"
148-18	2 ½" x 18"
150-18	3" x 18"

Vibration Isolator Pads - solid rubber

Model	Size
VIB-4	4" x 4" x ½"



In Line Desiccant Dryer

Manual Desiccant Dryers offer the most cost effective method to remove moisture from very low flow compressed air systems or those which are only used infrequently.

Atmospheric dew points as low as -100°F (-73°C) are obtainable with units available for continuous flows up to 25 SCFM.

These dryers are an excellent choice for point of use applications such as paint spraying, laboratory instruments and small control air systems.

Features and Benefits

Lowest initial cost of any type dryer

Low pressure drops of less than 1 PSIG

Easily and quickly serviced

Color change of the desiccant and moisture indicator provides an instant status of the compressed air system

No power required

Lowest operating cost of any dryer

Units are small, lightweight and easy to install

Color change desiccant can be regenerated for reuse

Dewpoint -45°F

Maximum temperature 125°F

Regeneration temperature 350°F

Maximum pressure 150 psi

Model	Size	CFM	Total capacity
X03-02	1/4"	10	4400 cu. ft.
X06-02	1/4"	5	600 cu. ft.
X25-04	1/2"	25	11,000 cu. ft.

Desiccant	Unit	# of bags
DRP-85-059	X03	2 bags (0.88 lb each)
DRP-95-303	X06	3 bags (0.25 lb each)
DRP-85-280	X25	5 bags (0.88 lb each)

Recommended After Filters for Desiccant Dryers		
Model	Size	CFM
AF 1-02-S00	1/4"	37
AF 2-04-S00	1/2"	91



X03

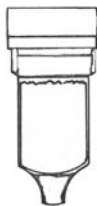


X25



X06

Moisture Indicator

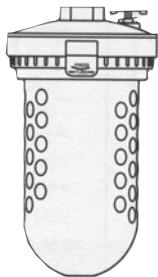


When air flowing thru silica gel reaches 10% relative humidity the gel turns from blue to pink. Dry air returns gel to blue color

Model	Size
X08-02	1/4"

Drains- After Coolers

1/2” Drop Leg Drain

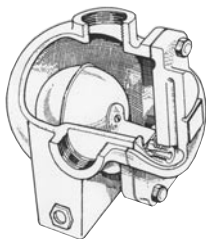


150 psi - Poly Bowl
200 psi - Metal Bowl

125° F - Poly Bowl
175° F - Metal Bowl

Model	Series	Bowl	Size
X02-04-F00	Compact	Poly c/w guard	1/2"
X02-04-FM0	Compact	Metal	1/2"
X01-04-000	Standard	Poly c/w guard	1/2"
X01-04-M00	Standard	Metal	1/2"

3/4 “ Automatic Float Drain



Mechanical auto float drain is to be used with any moisture separator.
Maximum pressure 250 psi
Size 3/4"
Model **FD-100**

Aftercoolers/ Afterfilters



Capacity at 80-125 psi and 15°F Approach

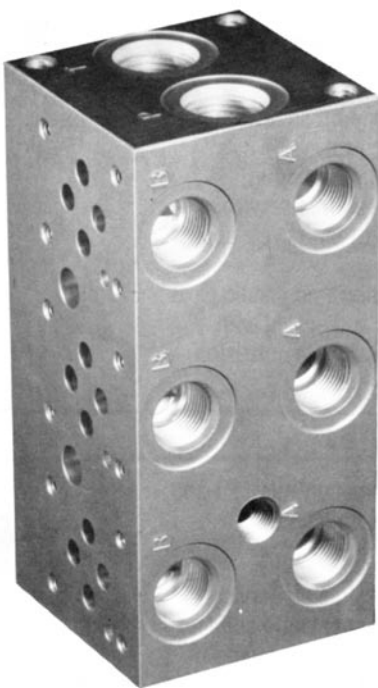
Model	CFM @ 250° F	CFM @ 190° F	Size NPT	O.L.
W02-03-A40	40	58	1.50	33"
W02-04-A40	80	110	1.50	42"

Hydraulic Valve Manifolds

Material	Valve Pattern	Circuit	# Stations	Valve Spacing	Port Threads	Valve Spacing
A- Aluminum	D03 - D08	P- Parallel	01 to 10	2" to 7"	P - NPT	2 - 2.13"
D- Ductile Iron		S- Series			S - SAE	3 - 3.25"
Aluminum - 3000 PSI max		H- High flow				4 - 4.00"
Ductile - 5000 PSI max						5 - 5.00"
						7 - 7.00"

Daman products are available from Canadian warehouse- ask for pricing on any items not shown on pages 104 - 106

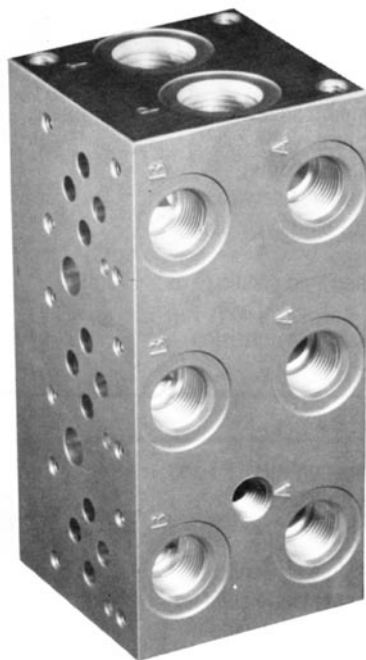
D03 Manifolds



Model	Circuit	Threads
AD03-P012- S	Parallel	SAE
AD03-P012-S/C	Parallel-Common Cavity	SAE
AD03-P022-S	Parallel	SAE
AD03-P022-S/C	Parallel-Common Cavity	SAE
AD03-S022-S	Series	SAE
AD03-P032-S	Parallel	SAE
AD03-P032-S/C	Parallel-Common Cavity	SAE
AD03-S032-S	Series	SAE
AD03-P042-S	Parallel	SAE
AD03-P042-S/C	Parallel-Common Cavity	SAE
AD03-S042-S	Series	SAE
AD03-P052-S	Parallel	SAE
AD03-P052-S/C	Parallel-Common Cavity	SAE
AD03-P062-S	Parallel	SAE
AD03-P062-S/C	Parallel-Common Cavity	SAE
AD03-P072-S	Parallel	SAE
AD03-P072-S/C	Parallel-Common Cavity	SAE
AD03-P082-S	Parallel	SAE

Hydraulic Valve Manifolds

Daman products are available from Canadian warehouse- ask for pricing on any items not shown on pages 104 - 106

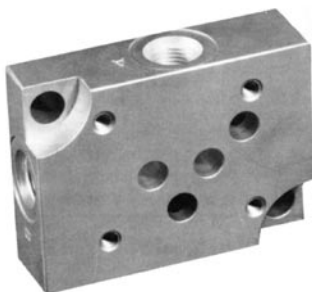


D05 Manifolds

Model	Circuit	Threads
AD05-P013-S	Parallel	SAE
AD05-P023-S	Parallel	SAE
AD05-P033-S	Parallel	SAE
AD05-P043-S	Parallel	SAE
AD05-P053-S	Parallel	SAE

Subplates

Model	Port Location	Threads
AD03-SPS-6P	Side	NPT
AD03-SPS-6S	Side	SAE
AD03-SPS-8S	Side	SAE

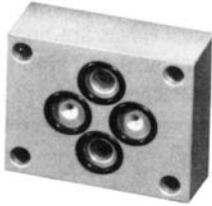


Subplates c/w Relief Cavity

Model	Port Threads
AD03-SPRV-C6S	SAE
AD03-SPRV-C8S	SAE

Hydraulic Valve Manifolds

Daman products are available from Canadian warehouse- ask for pricing on any items not shown on pages 104 - 106



Cover Plates

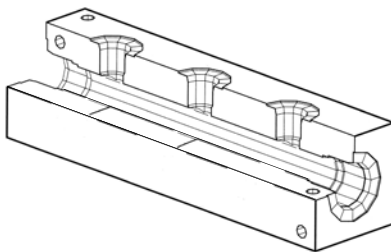
Model	Circuit
AD03-CPP	Parallel
AD05-CPP	Parallel
AD08-CPP	Parallel

Tapping Plates

Model	Port Threads
AD03-TPAB-4S	SAE

Header Block - 0° Design

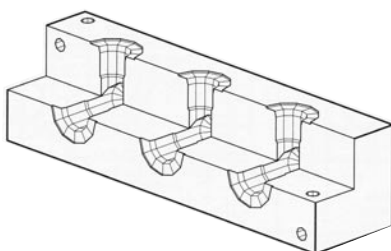
Header Block is designed to provide outlet ports that are common to one header. The header port is always one size larger than the outlet ports.



Model	# of Ports	Threads	Header Ports	Outlet Ports	Length	Width
AH-0000604-P	6	NPT	3/8"	1/4"	10.88"	1.75"
AH-0000804-P	8	NPT	3/8"	1/4"	14.38"	1.75"
AH-0000608-P	6	NPT	3/4"	1/2"	14.88"	2.00"
AH-0000412-S	4	SAE	1"	3/4"	13.38"	2.50"
AH-0000416-S	4	SAE	1 1/4"	1"	15.25"	3.00"

Junction Manifold - 90°

Junction Block is designed to provide a place to join piping.



Model	# of Ports	Threads	Port Size	Length	Width
AJ-0900404 P	4	NPT	1/4"	7.38"	1.75"

Hydraulic Inline Filters



Model	Size	O.L.	Dia.
HIF-2	1/4"	3 1/4"	1 1/2"
HIF-2V	1/4"	3 1/4"	1 1/2"
HIF-3	3/8"	3 1/4"	1 1/2"
HIF-3V	3/8"	3 1/4"	1 1/4"
HIF-4	1/2"	5"	1 1/2"
HIF-6	3/4"	5"	1 1/2"

Straight Thru
Anodized Aluminum
25 Micron
"V" indicates Viton
3000 psi maximum
-40° F to 200° F



Model	Size	O.L.	Dia.
HIT-2	1/4"	3 3/16"	2 1/8"
HIT-2V	1/4"	3 3/16"	2 1/8"
HIT-3	3/8"	3 3/16"	2 1/8"
HIT-3V	3/8"	3 3/16"	2 1/8"

"T" Type
Anodized Aluminum
25 Micron
"V" indicates Viton
3000 psi maximum
-40° F to 200° F

Elements	Unit
EK 9052-25	HIF-2 or HIF-3 or HIT
EK 9052-40	HIF-2 or HIF-3 or HIT
EK 9052-V (viton)	HIF-2 or HIF-3
EK 9054	HIF-4 or HIF-6

8mm Female Circular Connector for Sensors

M83R-Series molded circular connectors are designed to be used with a 2 or 3 wire proximity sensor with industry standard 8mm male connector. Threaded nut and O-ring provides secure connection and guarantees seal to IP 67/NEMA 6P. Available in straight or right-angle style and PVC jacket material.



Model	Cable Length	Connector
M83R-PVC-2M	2 Meters=78"	Straight
M83RL-PVC-2M	2 Meters=78"	Right Angle
M83R-PVC-5M	5 Meters=196"	Straight
M83RL-PVC-5M	5 Meters=196"	Right Angle

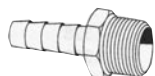
Crossovers	M83R-PVC-2M	M83R-PVC-5M	M83RL-PVC-2M	M83RL-PVC-5M
Daniel Woodhead	40300A10M020	40300A10M050	40300A10M020	40300A10M050
Canfield Connector	RC08S-F0M030121	RC08S-F0M030151	RC08S-F0M130121	RC08S-F1M030121
Hirschmann	933-151-041	933-151-042	933-140-041	933-140-042

Fluid Temp /Level Indicator

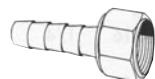


Temperature range of fluid
-4° F to + 176° F
-20° C to + 80° C
Maximum pressure 14.5 psi
Built-in thermometer (T)
+68° F to + 176° F
+20° C to + 80° C
Model - **SNA-2-BT**

Fittings Brass



Male Rigid Barb			
Model	Old Pt #	Hose ID	Size
125-4B	450	1/4"	1/4"
125-4A	452	1/4"	1/8"
125-5B	550	5/16"	1/4"
125-6B	640	3/8"	1/4"
125-6C	650	3/8"	3/8"
125-8C	860	1/2"	3/8"
125-8D	850	1/2"	1/2"
125-12E	950	3/4"	3/4"
125-16F	960	1"	1"



Female Rigid Barb			
Model	Old Pt #	Hose ID	Size
126-4B	470	1/4"	1/4"
126-5B	570	5/16"	1/4"
126-6C	670	3/8"	3/8"
126-6B	671	3/8"	1/4"
126-8C	876	1/2"	3/8"
126-8D	870	1/2"	1/2"



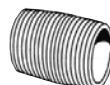
Hex Reducing	
Size MxM	Model
1/4" x 1/8"	122-BA
3/8" x 1/4"	122-CB
1/2" x 3/8"	122-DC



Hex Adapters	
Size F x M	Model
1/8" x 1/8"	120-AA
1/4" x 1/8"	120-BA
1/4" x 1/4"	120-BB
3/8" x 1/4"	120-CB
3/8" x 3/8"	120-CC
1/2" x 3/8"	120-DC
1/2" x 1/2"	120-DD



Long Nipple	
Size	Model
1/8" x 2"	113-A2
1/4" x 2"	113-B2
3/8" x 2"	113-C2
1/2" x 2"	113-D2
3/4" x 2"	113-E2



Close Nipple	
Size	Model
1/8"	112-A
1/4"	112-B
3/8"	112-C
1/2"	112-D
3/4"	112-E



Hex Nipple	
Size	Model
1/8"	122-A
1/4"	122-B
3/8"	122-C
1/2"	122-D



Reducing Bushing	
Size - M x F	Model
1/4" x 1/8"	110-BA
3/8" x 1/4"	110-CB
1/2" x 1/4"	110-DB
1/2" x 3/8"	110-DC
3/4" x 1/2"	110-ED
1" x 3/4"	110-FE

Fittings Brass



Counter Sink Plug	
Size	Model
1/8"	118-A
1/4"	118-B
3/8"	118-C
1/2"	118-D



90° Elbow- Female	
Size	Model
1/8"	100-A
1/4"	100-B
3/8"	100-C
1/2"	100-D



Hex Head Plug	
Size	Model
1/8"	121-A
1/4"	121-B
3/8"	121-C
1/2"	121-D



90° Street Elbow	
Size	Model
1/8"	115-A
1/4"	115-B
3/8"	115-C
1/2"	115-D



Hex Head Cap	
Size	Model
1/8"	108-A
1/4"	108-B
3/8"	108-C
1/2"	108-D



45° Street Elbow	
Size	Model
1/8"	124-A
1/4"	124-B
3/8"	124-C
1/2"	124-D



Hex Coupling	
Size	Model
1/8"	103-A
1/4"	103-B
3/8"	103-C
1/2"	103-D



Hose Splicer		
Model	Old Pt #	Hose ID
129-4	430	1/4"
129-6	630	3/8"
129-8	830	1/2"



Union	
Size	Model
1/8"	104-A
1/4"	104-B
3/8"	104-C

Fittings Brass- Clamps- Drain Cocks



Male Pipe Tee

Size	Model
1/8"	M101-A
1/4"	M101-B
3/8"	M101-C
1/2"	M101-D



Pinch Clamps

Model	Old Pt #	Hose OD
HC-9-6	411	7/16"
HC-9-8	611	1/2"
HC-9-9	916	9/16"
HC-9-10	812	5/8"
HC-9-12	819	3/4"
HC-9-14	821	7/8"
HC-9-16	909	1"
HC-9-18	911	1 1/8"



Tees-Female

Size	Model
1/8"	101-A
1/4"	101-B
3/8"	101-C
1/2"	101-D



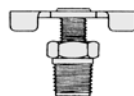
Hose Clamps

Model	Old Pt #	Hose ID
HC-6-4	413	1/4" to 5/8"
HC-6-6	613	5/16" to 7/8"
HC-6-8	813	1/2" to 3/4"
HC-6-16	913	3/4" to 1 1/2"



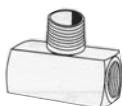
Street Tee

Size	Model
1/8"	107-A
1/4"	107-B
3/8"	107-C



Drain Cocks

Model	Old Pt #	Size
D40- A	DC-12	1/8"
D40- B	DC-25	1/4"
D40- C	DC-38	3/8"
D40- D	DC-50	1/2"



Male Branch Tee

Size	Model
1/8"	106-A
1/4"	106-B



Teflon Tape

Model	Size
121-M8	1/2" x 480"



Cross

Size	Model
1/8"	102-A
1/4"	102-B
3/8"	102-C



Hose Ferrules - Brass

Model	Hose Size	Hose OD
DFBL-500	1/4"	.500
DFBL-675	3/8"	.675
DFBL-875	1/2"	.875

Compression Fittings Brass

Brass Tube Fittings for Plastic Tubing



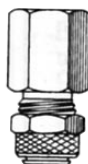
Plastic Sleeve	
Model	Tube Size O.D.
60P-4	1/4"
60P-6	3/8"
60P-8	1/2"



Male Elbow 90°		
Model	Tube Size O.D.	Pipe
69P-4A	1/4"	1/8"
69P-4B	1/4"	1/4"
69P-6A	3/8"	1/8"
69P-6B	3/8"	1/4"



Nut & Plastic Sleeve	
Model	Tube Size O.D.
61P-4	1/4"
61P-6	3/8"
61P-8	1/2"



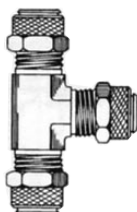
Female Connector		
Model	Tube Size O.D.	Pipe
66P-4B	1/4"	1/4"
66P-6B	3/8"	1/4"



Tube Union	
Model	Tube Size O.D.
62P-3	3/16"
62P-4	1/4"
62P-6	3/8"
62P-8	1/2"



Male Connector		
Model	Tube Size O.D.	Pipe
68P-4A	1/4"	1/8"
68P-4B	1/4"	1/4"
68P-6A	3/8"	1/8"
68P-6B	3/8"	1/4"



Union Tee	
Model	Tube Size O.D.
64P-4	1/4"
64P-6	3/8"

Flare Fittings SAE 45°



Flare Nut - Short

Model	Size
41S-4	1/4"
41S-6	3/8"
41S-8	1/2"
41S-10	5/8"



Flare Nut -Long

Model	Size
41-6	3/8"



Flare Nut -Forged

Model	Size
40-4	1/4"
40-6	3/8"
40-8	1/2"
40-10	5/8"



Flare Sealing Plug

Model	Size
58-6	3/8"
58-8	1/2"
58-10	5/8"



Flare Sealing Cap

Model	Size
56-6	3/8"
56-8	1/2"



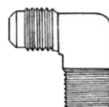
Swivel Nut Connector

Model	Size
US4-6	3/8"
US4-8	1/2"



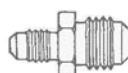
Flare Union Coupling- tube to tube

Model	Size
42-4	1/4"
42-6	3/8"
42-8	1/2"
42-10	5/8"



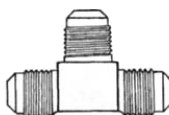
Flare Elbow 90° -tube to male pipe

Model	Tube	Pipe
49-4B	1/4"	1/4"
49-6B	3/8"	1/4"
49-6C	3/8"	3/8"
49-8C	1/2"	3/8"
49-8D	1/2"	1/2"



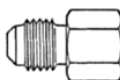
Flare Union Reducing Coupling- tube to tube

Model	Tube	Tube
42-6-4	3/8"	1/4"
42-8-6	1/2"	3/8"



Flare Tee -tube all ends

Model	Size
44-6	3/8"
44-8	1/2"
44-10	5/8"



Flare Connector -tube to female pipe

Model	Tube	Pipe
46-6C	3/8"	3/8"
46-6D	3/8"	1/2"
46-8C	1/2"	3/8"
46-8D	1/2"	1/2"
46-8E	1/2"	3/4"
46-10D	5/8"	1/2"
46-10E	5/8"	3/4"



Flare Connector -tube to male pipe

Model	Tube	Pipe
48-4A	1/4"	1/8"
48-4B	1/4"	1/4"
48-6B	3/8"	1/4"
48-6C	3/8"	3/8"
48-6E	3/8"	3/4"
48-8C	1/2"	3/8"
48-8D	1/2"	1/2"
48-8E	1/2"	3/4"
48-10D	5/8"	1/2"
48-10E	5/8"	3/4"

