

LP Gas Hose Couplings and Adapters

- female Acme filler hose couplings
- Acme x NPT adapters
- Products meet or exceed the requirements of Compressed Gas Association (CGA), the National Fire Protection Association (NFPA), the Canadian Gas Association, American Society of Mechanical Engineers (ASME) and Underwriters Laboratories (UL)

Brass Male Acme x MNPT Adapters



ME217



ME233



ME503-16

Male Acme thread	Male NPT thread	Brass	
		Part #	Price/E
1 3/4"	1 1/4"	ME217	\$33.55
2 1/4"	1 1/4"	ME233	129.00
3 1/4"	2"	ME503-16	161.65

Brass Male Acme x FNPT Adapter



ME252-16

Male Acme thread	Female NPT thread	Brass	
		Part #	Price/E
1 3/4"	1"	ME214	\$33.55
3 1/4"	2"	ME252-16	147.15

Steel Male Acme x MNPT Adapters



ME217S



ME503S-16

Male Acme thread	Male NPT thread	Steel	
		Part #	Price/E
1 3/4"	1 1/4"	ME217S	\$81.05
2 1/4"	1 1/4"	ME233S	158.60
3 1/4"	2"	ME503S-16	336.85

Steel Male Acme x FNPT Adapter



ME252S-16

Male Acme thread	Female NPT thread	Steel	
		Part #	Price/E
3 1/4"	2"	ME252S-16	\$229.85

LP Gas Hose Couplings and Adapters Female Acme x MNPT Filler Couplings, Brass Nut



ME112



ME130



ME120

Female Acme thread	Male NPT thread	Material	Part #	Price/E
1 3/4"	1"	brass nut, brass nipple	ME112	\$42.50
2 1/4"	1 1/4"	brass nut, brass nipple	ME120	194.10
2 1/4"	1 1/4"	brass nut, steel nipple	ME120S	199.65
3 1/4"	2"	brass nut, steel nipple	ME130	283.65

Air Fittings

Female Acme x MNPT Filler Couplings, Steel Nut



ME112S



ME130S



ME121S

Female Acme thread	Male NPT thread	Material	Part #	Price/E
1 3/4"	1"	steel nut and nipple	ME112S	\$94.00
2 1/4"	1 1/4"	steel nut and nipple	ME121S	202.90
3 1/4"	2"	steel nut and nipple	ME130S	232.50

Acme Gaskets

Size	Material	Part #	Price/E
1 3/4"	nitrile	MEW2	\$0.60
2 1/4"	nitrile	MEW5	3.05
3 1/4"	nitrile	MEW6	3.25

Clamp Style Hose Couplings

• Clamp sections and hose barbs are made of steel and ductile iron.

• The 32B and 32S size offers a female Acme swivel to eliminate the need to add additional weight and bulk to the hose assembly.



ME3162-20



ME3162-32B

Hose Barb Size	Thread Size	Material	Part #	Price/E
1"	1" MNPT	steel nipple with 2 piece ductile iron clamp	ME3162-16	\$87.90
1 1/4"	1 1/4" MNPT	steel nipple with 2 piece ductile iron clamp	ME3162-20	141.20
1 1/2"	1 1/2" MNPT	steel nipple with 2 piece ductile iron clamp	ME3162-24	184.40
2"	2" MNPT	steel nipple with 2 piece ductile iron clamp	ME3162-32	210.70
2"	3 1/4" female Acme	steel nipple and brass nut with 2 piece ductile iron clamp	ME3162-32B	418.50
2"	3 1/4" female Acme	steel nipple and steel nut with 2 piece ductile iron clamp	ME3162-32S	413.70

Wrench



Description	Part #	Price/E
Acme spanner wrench for 2 1/4", 3 1/4" and 4 1/4" fittings	MEP120B	\$102.10

Aluminum

LP Gas Hose Couplings and Adapters

Female Acme x Male Acme Adapters



ME612



ME612S

Female Acme thread	Male Acme thread	Material	Part #	Price/E
3 1/4"	1 3/4"	brass	ME612	\$245.40
3 1/4"	1 3/4"	steel	ME612S	362.35

Metal Acme Caps



ME229



ME441F

Female Acme thread	Description	Part #	Price/E
1 3/4"	cap with ring and chain, brass	ME229-1	\$65.50
1 3/4"	cap with ring and chain, steel	ME229S-1	111.40
2 1/4"	cap with knob plug and chain, brass	ME431F-1	165.40
2 1/4"	cap with knob plug, ring, chain, steel	ME431FS-1	186.85
3 1/4"	cap knob with ring and chain, brass	ME441F-1	250.05
3 1/4"	cap with knob plug, ring and chain, steel	ME441FS-1	273.85

Plastic Acme Caps



ME109



ME109-NH3

Female Acme thread	Description	Part #	Price/E
1 3/4"	cap with ring and chain, yellow plastic	ME109-1	\$7.85
1 3/4"	cap with chain assembly, for anhydrous service	ME109-NH3-1	8.90

Plastic Dust Plugs



ME179



ME180



ME181

Male Acme thread	Description	Part #	Price/E
1 3/4"	plug with dust seal and chain assembly, yellow plastic	ME179-1	\$29.45
2 1/4"	plug with dust seal and chain assembly, yellow plastic	ME180-1	35.95
3 1/4"	plug with dust seal and chain assembly, yellow plastic	ME181-1	78.95

Ground Joint Air Hammer Couplings

- Ground Joint Type - rounded steel head of stem fits concave inserts in spuds for superior sealing.
- metal-to-metal copper seat seal
- *plated steel and / or iron*
- for use with Boss clamps



complete female

stem

wing nut

Style	Hose ID and NPT Sizes	Coarse Nut Thread	Part #	Price/E	Plated Steel		Iron	
					Part #	Price/E	Part #	Price/E
Compact	1/2"	1-31/64" OD x 8 TPI	GDF6	\$43.75	GBA45	\$13.00	J47	\$10.80
	3/4"		GDF8	47.55	GBA46	13.80	J47	10.80
Heavy duty	3/4"	1-47/64" OD x 8 TPI	GDF10	60.55	GBB18	20.60	DLB12	14.10
	1"		GDF12	53.30	GBB11	17.40	DLB12	14.10

Air Fittings



female spud



male spud



double spud

Style	NPT Sizes	Coarse Spud Thread	Plated Steel w/ copper seat		Plated Steel w/ copper seat		Plated Steel w/ copper seat	
			Part #	Price/E	Part #	Price/E	Part #	Price/E
Compact	1/2"	1-31/64" OD x 8 TPI	GJ65	\$19.95	GJ60	\$27.40	GJ75	\$32.50
	3/4"		GJ55	22.95	GJ50	25.10	GJ75	32.50
Heavy duty	3/4"	1-47/64" OD x 8 TPI	GDL8	25.85	GDL7	33.20	GDL25	33.30
	1"		GDL13	21.80	GDL10	29.25	GDL25	33.30

Air King 4 - Lug Quick-Acting Couplings

- rated to **150 PSI** at ambient temperature (70°F)
- use with Boss clamps, see page 98.
- SAFETY ALERT** • *Warning: Not to be used for steam service.*
- *Caution: Must use safety clips. Safety clips are same size for both 2-lug and 4-lug Universal Couplings, see page 108.*

Hose Ends

Size	Iron		Brass		Opt Qty
	Part #	Price/E	Part #	Price/E	
1 1/4"	AM16	\$27.30	AB16 ¹	\$63.40	25
1 1/2"	AM21	28.00	AB21 ¹	63.30	25
2"	AM26	40.75	AB26	81.75	10

¹ Item will be discontinued when stock is depleted.



Female NPT Ends

Size	Iron		Brass		Opt Qty
	Part #	Price/E	Part #	Price/E	
1 1/4"	AM18	\$27.80	AB18 ¹	\$72.50	25
1 1/2"	AM23	26.40	AB23 ¹	66.00	25
2"	AM28	33.20	AB28	76.65	20

¹ Item will be discontinued when stock is depleted.



Washer

Rubber Washer Part #	Price/E
AWR14	\$4.40



Sand Blast Couplings

Sand blast couplings are designed for use on sand blast hose.

- supplied with screws
- nozzle holders have 1¼" NPSM thread
- rated to **110 PSI** at ambient temperature (70°F)
- *Abrasive blasting equipment must have hose safety cables (page 119) or hose coupling safety locks.*

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• Installation:

- 1) Ends of hose must be cut square to fit snug against metal end.
- 2) Holding hose tight to end of fitting, insert screws and turn in full, putting screw 180° from first to ensure best centering.
- 3) After all screws have been placed, check tube opposite screws to be sure screws have not penetrated completely through.
- 4) On quick couplings, insert safety clips

Quick Couplings



Hose Size	Hose OD	Brass		Aluminum	
		Part #	Price/E	Part #	Price/E
3/4"	1-1/2"	BSB75	\$47.35	ASB75	\$16.10
1"	1-7/8"	BSB100	48.20	ASB100	17.95
1-1/4"	2-5/32"	BSB125	85.70	ASB125	30.15
1-1/2"	2-3/8"	BSB150	96.15	ASB150	35.35

Nozzle Holders



Hose Size	Hose OD	Brass		Aluminum	
		Part #	Price/E	Part #	Price/E
3/4"	1-1/2"	BNH75	\$44.00	ANH75	\$14.75
1"	1-7/8"	BNH100	50.30	ANH100	16.80
1-1/4"	2-5/32"	BNH125	72.90	ANH125	22.10
1-1/2"	2-3/8"	BNH150	94.65	ANH150	29.25

Threaded Couplings



Size	Brass		Aluminum	
	Part #	Price/E	Part #	Price/E
1-1/4"	BSC125	\$52.70	ASC125	\$15.90
1-1/2"	BSC150	52.70	ASC150	15.90

Replacement Parts

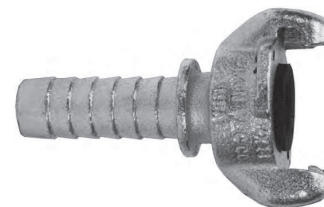
Part #	Description	Price/E
SBG	black nitrile replacement gasket	\$1.20
USBG	urethane replacement gasket	4.85
SBCS	replacement screw	0.45

Air King Universal Couplings

Hose Ends

- may use with Air King ferrules

Size	Iron		Opt Qty	Brass		Opt Qty	316 Stainless Steel	
	Part #	Price/E ²		Part #	Price/E ²		Part #	Price/E ²
3/8"	AMH¹	\$10.40	25	ABH	\$36.55	25	RAMH	\$75.30
1/2"	AM1	6.75	50	AB1¹	24.10	50	RAM1	57.40
5/8"	AM5	10.00	50	AB5	25.20	50	---	---
3/4"	AM6	6.80	50	AB6¹	24.95	50	RAM6	48.25
1"	AM11	9.50	50	AB11¹	32.00	50	RAM11	53.35



Air Fittings

Male NPT Ends

Size	Iron		Opt Qty	Brass		Opt Qty	316 Stainless Steel	
	Part #	Price/E ²		Part #	Price/E ²		Part #	Price/E ²
1/4"	AMB1	\$10.45	25	ABB1	\$25.90	25	---	---
3/8"	AMB	9.05	25	ABB	31.50	25	RAMB	\$82.45
1/2"	AM2	7.90	50	AB2¹	26.10	50	RAM2	55.65
3/4"	AM7	8.10	50	AB7¹	25.80	50	RAM7	49.80
1"	AM12	8.95	50	AB12¹	26.80	50	RAM12	53.35



Female NPT Ends

Size	Iron		Opt Qty	Brass		Opt Qty	316 Stainless Steel	
	Part #	Price/E ²		Part #	Price/E ²		Part #	Price/E ²
1/4"	AMC1	\$9.35	25	ABC1	\$28.30	25	---	---
3/8"	AMC	9.05	25	ABC	27.70	25	RAMC	\$78.20
1/2"	AM3	8.30	50	AB3¹	22.15	50	RAM3	57.40
3/4"	AM8	8.00	50	AB8¹	26.35	50	RAM8	49.80
1"	AM13	10.10	50	AB13¹	26.80	50	RAM13	55.90



Blank Ends

Iron		Opt Qty	Brass		Opt Qty	316 Stainless Steel	
Part #	Price/E ²		Part #	Price/E ²		Part #	Price/E ²
AM0	\$12.85	25	AB0¹	\$26.60	25	RAM0	\$51.80



Triple Connections

Iron			Opt Qty	Brass		Opt Qty
Part #	Price/E ²	Part #		Price/E ²		
AM10	\$23.20	25	AB10¹	\$54.10	25	



¹ global investment cast

² Prices for Universal couplings listed above include safety clip (not pictured).

- The use of an Air King safety clip or wire type retainer is necessary to ensure Air King universal couplings will not become accidentally disconnected. This guarantees the fittings are properly connected because the safety pin will not go through the holes in mating flanges until couplings are locked in place. Only one Air King safety clip or wire type retainer is required for each Air King universal coupling.
- To provide protection against coupling breakage and related hazards, Dixon recommends the use of a whip hose. See page 6 for Whip Hose safety information.
- Air King is rated to **150 PSI** at ambient temperature (**70°F**).
- Standard Air King fittings come with AWR4 rubber washers.
- Air King meets pressure requirements as specified in A-A-59553 commercial item description superseding Mil Spec. WWC-633D.

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Air King is for air and water service only Warning: Never use any Air King coupling for steam service!
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Global Air King Universal Couplings

Hose Ends



Size	Part #	Plated Steel	Price/E ¹	Pkg Qty
1/2"	GAM1		\$3.70	25
3/4"	GAM6		4.00	50
1"	GAM11		5.30	50

Male NPT Ends



Size	Part #	Plated Steel	Price/E ¹	Pkg Qty
1/2"	GAM2		\$4.30	25
3/4"	GAM7		4.70	50
1"	GAM12		5.30	50

Female NPT Ends



Size	Part #	Plated Steel	Price/E ¹	Pkg Qty
1/2"	GAM3		\$3.90	25
3/4"	GAM8		4.10	50
1"	GAM13		4.50	50

Blank End



Size	Part #	Plated Steel	Price/E ¹	Pkg Qty
---	GAM0		\$4.25	25

Triple Connection



Size	Part #	Plated Steel	Price/E ¹	Pkg Qty
---	GAM10		\$9.05	25

- ¹ Prices for Universal couplings listed above include safety clip.
 • couplings are supplied with rubber washers

Global Air King 4 - Lug Quick-Acting Couplings

- rated to **150 PSI** at ambient temperature (70°F)
- use with Boss clamps, see page 98.

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- Warning: Not to be used for steam service.
- Caution: Must use safety clips. Safety clips are same size for both 2-lug and 4-lug Universal Couplings, see page 108.

Hose Ends



Size	Part #	Plated Steel	Price/E	Opt Qty
1 1/4"	GAM16		\$13.15	25
1 1/2"	GAM21		15.35	25
2"	GAM26		18.00	10

Female NPT Ends



Size	Part #	Plated Steel	Price/E	Opt Qty
1 1/4"	GAM18		\$12.30	25
1 1/2"	GAM23		13.40	25
2"	GAM28		14.50	20

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Air King Ferrules

Offers a low profile streamline appearance with maximum retention.

- lightweight
- can be crimped
- See page 677 for crimp recommendations and ferrule OD ranges.

Size	Ferrule ID	Plated Steel	
		Part #	Price/E
1/2"	0.906	CCF0906	\$1.05
	1.120	CCF1120	1.55
	1.149	CCF1149	1.55
3/4"	1.190	CCF1190	1.55
	1.218	CCF1218	1.55
	1.246	CCF1246	1.55
	1.438	CCF1438	2.25
1"	1.469	CCF1469	2.25
	1.500	CCF1500	2.25
	1.531	CCF1531	2.25



Air Fittings

Air King Clamps

Size	Hose OD		Plated Iron		Opt Qty	Torque ¹
	From:	To:	Part #	Price/E		
3/8"	44/64"	56/64"	CD ³	\$8.30	100	6
1/2"	1"	1-12/64"	A4	8.60	50	6
3/4"	1-8/64"	1-20/64"	A9 ³	9.85	50	21
1"	1-20/64"	1-32/64"	A10 ^{2,3}	12.75	50	21
1"	1-32/64"	1-52/64"	A14	16.80	50	21



¹ recommended torque rating in ft. lbs.

² can be used with **AM6** and **AM11**

³ global investment cast carbon steel

- Torque values for clamps are based on dry bolts. The use of lubricant on bolts will adversely effect clamp performance.

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Air King Accessories

The use of an Air King safety clip or wire type retainer is necessary to ensure couplings will not become accidentally disconnected. This guarantees the fittings are properly connected as the pin will not go through the holes in the mating flanges until couplings are locked in place. Only one Air King safety clip or wire type retainer is required for each Air King universal coupling.

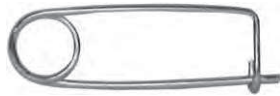
Standard Safety Clip



- same size for all coupling sizes

Wire Diameter	Part #	Price/E	Pkg Qty
.080	AC1	\$0.30	25

Air King Safety Pins



- heavy duty
- oversized

Wire Diameter	Part #	Price/E
.058	AKSP1	\$1.20
.091	AKSP25	1.45

Stainless Steel Clip



- same size for all coupling sizes

Wire Diameter	Part #	Price/E
.072	AC7	\$2.10

Lanyards



- synthetic cord
- same size for all coupling sizes

Part #	Price/E	Pkg Qty
ACL8	\$0.35	25



- 304 stainless
- breaking strength: 160 lbs.
- overall length: 7" eye to eye

Part #	Price/E
LR7	\$7.75

Washers



- same size for all coupling sizes
- rubber temperature range: **-20°F to 160°F**
- neoprene temperature range: **-20°F to 190°F**
- neoprene is oil resistant

<i>Rubber</i>		
Part #	Price/E	Pkg Qty
AWR4	\$0.55	50

<i>Neoprene</i>		
Part #	Price/E	Pkg Qty
AWS6	\$0.80	50

Air King with Ferrules

Universal design provides quick, easy and effective coupling of air hose. Exclusive interlocking ferrule can be crimped or swaged to achieve maximum coupling sealing and retention with a low profile streamline appearance. For crimp or swage diameter recommendations see page 677.

- iron and stainless steel Air King with carbon steel ferrules can be crimped or swaged
- rated to **150 PSI** working pressure at ambient temperature (70°F)
- *for air and water service only*

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Size	Hose OD		Iron		Stainless Steel	
	From:	To:	Part #	Price/E	Part #	Price/E
1/2"	5/4/64"	1-2/64"	AM1WF	\$14.00	---	---
3/4"	1-4/64"	1-22/64"	AM6WF	11.75	RAM6WF	\$64.00
1"	1-18/64"	1-34/64"	AM11WF-1	21.70	---	---
1"	1-30/64"	1-46/64"	AM11WF	15.30	---	---




Air
Fittings

Air King with Gauge Port

- drilled with 1/4" NPT for mounting gauge
- *gauge sold separately*

Size	Iron		Stainless Steel	
	Part #	Price/E	Part #	Price/E
3/4"	AM7T	\$22.90	RAM7T	\$76.00



Air King Universal Swivels

These universal swivel fittings interchange with other Air King fittings and include a heavy-duty, free-turning joint that swivels under pressure to prevent hose kinking. Working pressure: **150 PSI** at ambient temperature (70°F). *For air and water service only.*

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Size	Iron		Iron		Iron	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	---	---	AM2SWIV	\$61.00	---	---
3/4"	AM6SWIV	\$70.00	AM7SWIV	57.30	AM8SWIV	\$61.00



hose end



male NPT



female NPT

Air King is for air and water service only *Warning: Never use any Air King coupling for steam service! None of Dixon's catalog information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.*

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Surelock Quick Acting Couplings

The Surelock coupling is a multi-purpose coupling for water and air, commonly used in construction and mining. This coupling excels where ease, economy, safety and speed are paramount. They are stocked in sizes from 3/8" through 2". The pressure activated gasket allows easy coupling (less than 15 lbs. of force is required to connect the coupling) and gaskets seal upon introduction of line pressure. *Safety pin is supplied with each coupling and is required as a safety precaution.*

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Specifications:

- body: SG iron AS1831 400-250-12
- bellow seal: natural rubber (patent pending), other seal material available upon request
- working pressure: **500 PSI** at ambient temperature (70°F)

Hose Ends



Head	Size	Part #	Price/E	Pkg Qty
small	3/8"	SL038H	\$10.20	50
	1/2"	SL050H	10.70	50
	3/4"	SL075H	11.30	50
	1"	SL100H	12.40	50
medium	1-1/2"	SL150H	34.20	15
	2"	SL200H	40.80	10

Male NPT Ends



Head	Size	Part #	Price/E	Pkg Qty
small	3/8"	SL038M	\$13.00	50
	1/2"	SL050M	12.80	50
	3/4"	SL075M	12.30	50
	1"	SL100M	13.30	50
medium	1-1/2"	SL150M	33.30	15
	2"	SL200M	36.90	15

Female NPT Ends



Head	Size	Part #	Price/E	Pkg Qty
small	3/8"	SL038F	\$13.00	50
	1/2"	SL050F	12.70	50
	3/4"	SL075F	10.30	50
	1"	SL100F	12.30	50
medium	1-1/2"	SL150F	33.90	15
	2"	SL200F	34.70	15

Surelock Quick Acting Couplings with Ferrules

Universal design provides quick, easy and effective coupling of air hose. Exclusive interlocking ferrule can be crimped or swaged to achieve maximum coupling sealing and retention with a low profile streamline appearance. See page 679 for crimp recommendations.

- Dixon recommends that all hose assemblies be tested in accordance with RMA testing procedures.
- rated to **500 PSI** working pressure at ambient temperature (70°F)
- for air and water service only

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Head	Size	Hose OD		Part #	Price/E
		From:	To:		
small	1/2"	54/64"	1-2/64"	SL050CR	\$16.40
	3/4"	1-4/64"	1-22/64"	SL075CR	17.90
	1"	1-30/64"	1-46/64"	SL100CR	18.50
medium	1-1/2"	2-1/64"	2-8/64"	SL150CR	77.30
	2"	2-41/64"	2-48/64"	SL200CR	87.60

Surelock Accessories

Blank Ends

Head	Size	Part #	Price/E	Pkg Qty
small	½" to 1"	SL00	\$13.40	15
medium ¹	1½" to 2"	SL01	35.50	3

¹ medium blank end comes with 1" NPT pipe plug



small blank end

medium blank end ¹

Air Fittings

Three Way Connectors

Head	Size	Part #	Price/E	Pkg Qty
small	½" to 1"	SL09	\$32.20	15
medium ¹	1½" to 2"	SL10	117.30	3

¹ medium three way connector comes with 1" NPT pipe plug



small three way connector

medium three way connector ¹

Standard Natural Rubber Seals

Head	Size	Part #	Price/E	Pkg Qty
small	½" to 1"	SLR1	\$1.60	1
medium	1½" to 2"	SLR2	2.00	1



SLR1



SLR2

Safety Locking Pin

Warning: The use of a safety locking pin is necessary to ensure that Surelock couplings will not become accidentally disconnected. This guarantees that the fittings are properly connected as the pin will not go through the holes in both couplings until the couplings are locked into place.


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Part #	Price/E	Pkg Qty
SLP1	\$0.32	25





Dix-Lock Quick Acting Couplings

- Dix-Lock is rated to **300 PSI** at ambient temperature (70°F)

Male Head x Hose End	Body Size	Hose Shank Size	Material	Part #	Price/E	Opt Qty
	3/8"	1/2"	plated steel	QM1	\$53.00	25
	1/2"	3/8"	plated steel	QM2	22.73	25
	1/2"	1/2"	plated steel	QM3	23.19	25
	1/2"	3/4"	plated steel	QM4	23.19	25
	1/2"	1"	plated steel	QM5	25.66	25
	1/2"	3/8"	brass	QB2	39.04	--
	1/2"	1/2"	brass	QB3	39.04	--
	1/2"	3/4"	brass	QB4	39.04	--
	1/2"	1"	brass	QB5	39.61	25
	1/2"	3/4"	303 stainless	QSS4	78.60	--


Female Head x Hose End	Body Size	Hose Shank Size	Material	Part #	Price/E	Opt Qty
	3/8"	1/2"	plated steel	QM20	\$46.33	25
	1/2"	3/8"	plated steel	QM21	18.79	25
	1/2"	1/2"	plated steel	QM22	18.79	25
	1/2"	3/4"	plated steel	QM23	18.79	25
	1/2"	1"	plated steel	QM25	20.70	25
	1/2"	3/8"	brass	QB21	28.10	--
	1/2"	1/2"	brass	QB22	28.10	--
	1/2"	3/4"	brass	QB23	28.10	--
	1/2"	1"	brass	QB25	30.85	25
	1/2"	3/4"	303 stainless	QSS23	57.70	--

Male Head x Male NPT End	Body Size	NPT Thread Size	Material	Part #	Price/E	Opt Qty
	3/8"	1/2"	plated steel	QM40	\$49.97	25
	1/2"	3/8"	plated steel	QM41	23.96	25
	1/2"	1/2"	plated steel	QM42	23.96	25
	1/2"	3/4"	plated steel	QM43	23.96	25
	1/2"	1"	plated steel	QM45	25.66	25
	1/2"	3/8"	brass	QB41	35.02	--
	1/2"	1/2"	brass	QB42	35.02	--
	1/2"	3/4"	brass	QB43	35.02	25
	1/2"	1"	brass	QB45	36.63	--
	1/2"	3/4"	303 stainless	QSS43	78.60	10

Female Head x Male NPT End	Body Size	NPT Thread Size	Material	Part #	Price/E	Opt Qty
	3/8"	1/2"	plated steel	QM60	\$41.18	25
	1/2"	3/8"	plated steel	QM61	18.79	25
	1/2"	1/2"	plated steel	QM62	18.79	25
	1/2"	3/4"	plated steel	QM63	18.79	25
	1/2"	1"	plated steel	QM65	33.60	25
	1/2"	3/8"	brass	QB61	28.10	--
	1/2"	1/2"	brass	QB62	28.10	--
	1/2"	3/4"	brass	QB63	28.10	--
	1/2"	1"	brass	QB65	30.73	25
	1/2"	3/4"	303 stainless	QSS63	57.70	--


Dix-Lock Quick Acting Couplings

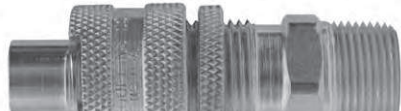
- Dix-Lock is rated to **300 PSI** at ambient temperature (70°F)

Body Size	NPT Thread Size	Material	Part #	Price/E	Opt Qty	Male Head x Female NPT End
1/2"	3/8"	plated steel	QM81	\$23.00	25	
1/2"	1/2"	plated steel	QM82	23.19	25	
1/2"	3/4"	plated steel	QM83	23.19	25	
1/2"	1"	plated steel	QM85	25.66	25	
1/2"	3/8"	brass	QB81	36.52	--	
1/2"	1/2"	brass	QB82	36.52	--	
1/2"	3/4"	brass	QB83	36.52	--	
1/2"	1"	brass	QB85	38.12	25	
1/2"	3/4"	303 stainless	QSS83	78.60	--	


 Air Fittings

Body Size	NPT Thread Size	Material	Part #	Price/E	Opt Qty	Female Head x Female NPT End
1/2"	3/8"	plated steel	QM101	\$18.79	25	
1/2"	1/2"	plated steel	QM102	18.79	25	
1/2"	3/4"	plated steel	QM103	18.79	25	
1/2"	1"	plated steel	QM105	20.71	25	
1/2"	3/8"	brass	QB101	28.10	-	
1/2"	1/2"	brass	QB102	28.10	-	
1/2"	3/4"	brass	QB103	28.10	-	
1/2"	1"	brass	QB105	30.85	25	
1/2"	3/4"	303 stainless	QSS103	57.57	-	

Body Size	Hose Shank Size	Material	Part #	Price/E	Male Locking Head x Hose Shank
1/2"	1/2"	plated steel	QM33	\$31.77	
1/2"	3/4"	plated steel	QM44	30.94	
1/2"	1/2"	brass	QB33	42.58	
1/2"	3/4"	brass	QB44	42.58	

Body Size	NPT Thread Size	Material	Part #	Price/E	Male Locking Head x Male NPT
1/2"	1/2"	plated steel	QM66	\$31.77	
1/2"	3/4"	plated steel	QM88	31.77	
1/2"	1/2"	brass	QB66	42.58	
1/2"	3/4"	brass	QB88	42.58	

Positive safety lock

With locking nut in place sleeve cannot be moved to open coupling.

Dix-Lock Gaskets

Body Size	Buna-N	
	Part #	Price/E
3/8"	QBM1	\$1.35
1/2"	QBM2	1.35



Dix-Lock Converter



Body Size	Steel		Price/E	Opt Qty
	Part #			
1/2"	QMO		\$62.16	25

Dix-Lock Cap



Body Size	Brass		Opt Qty	Steel		Opt Qty
	Part #	Price/E		Part #	Price/E	
1/2"	QBCAP	\$25.30	25	QMCAP	\$22.04	25

Dix-Lock Quick-Acting Couplings with Ferrules

- rated to **300 PSI** working pressure at ambient temperature (70°F)
- for crimp recommendations see page 676
- also available in stainless steel, contact Dixon for further information

Male Head	Body Size	Hose ID	Hose OD		Material	Part #	Price/E
			From:	To:			
	1/2"	1/2"	27/32"	1-1/32"	<i>plated steel</i>	QM3WF	\$31.60
	1/2"	3/4"	1-5/32"	1-11/32"	<i>plated steel</i>	QM4WF	31.60
	1/2"	1/2"	27/32"	1-1/32"	<i>brass</i>	QB3WF	47.80
	1/2"	3/4"	1-5/32"	1-11/32"	<i>brass</i>	QB4WF	47.80

Female Head	Body Size	Hose ID	Hose OD		Material	Part #	Price/E
			From:	To:			
	1/2"	1/2"	27/32"	1-1/32"	<i>plated steel</i>	QM22WF	\$26.60
	1/2"	3/4"	1-5/32"	1-11/32"	<i>plated steel</i>	QM23WF	26.60
	1/2"	1/2"	27/32"	1-1/32"	<i>brass</i>	QB22WF	36.60
	1/2"	3/4"	1-5/32"	1-11/32"	<i>brass</i>	QB23WF	35.90

Male Locking Head	Body Size	Hose ID	Hose OD		Material	Part #	Price/E
			From:	To:			
	1/2"	1/2"	27/32"	1-1/32"	<i>plated steel</i>	QM33WF	\$40.00
	1/2"	3/4"	1-5/32"	1-11/32"	<i>plated steel</i>	QM44WF	40.00
	1/2"	1/2"	27/32"	1-1/32"	<i>brass</i>	QB33WF	51.35
	1/2"	3/4"	1-5/32"	1-11/32"	<i>brass</i>	QB44WF	51.35

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Air Fittings


Dual Lock Quick-Acting Couplings


- interchanges with National A type, Dixon Quick Coupling P type and Thor PHC series couplings.
- PM and PF series must be used with mating locking sleeve fittings.
- trivalent chrome plated
- spring loaded interlocking engagement
- full opening permits full flow to tool
- optional locking key prevents sleeve retraction
- 300 PSI** working pressure at ambient temperature (70°F)

Body Size	NPT Thread Size	Material	Part #	Price/E	Opt Qty	Male Pipe Thread
1/2"	3/8"	plated steel	PM6	\$19.15	25	 <p>Must be used with locking sleeve fittings below.</p>
1/2"	1/2"	plated steel	PM8	18.79	25	
1/2"	3/4"	plated steel	PM12	19.73	25	
1/2"	1"	plated steel	PM16	22.12	25	
1/2"	1/2"	brass	PMB8	57.08	25	
1/2"	3/4"	brass	PMB12	61.63	25	
1/2"	1"	brass	PMB16	61.63	25	
1/2"	3/4"	303 stainless	PM12SS	137.40	10	

Body Size	NPT Thread Size	Material	Part #	Price/E	Opt Qty	Female Pipe Thread
1/2"	3/8"	plated steel	PF6	\$22.08	25	 <p>Must be used with locking sleeve fittings below.</p>
1/2"	1/2"	plated steel	PF8	23.92	25	
1/2"	3/4"	plated steel	PF12	24.02	25	
1/2"	1"	plated steel	PF16	26.16	25	
1/2"	1/2"	brass	PFB8	61.04	25	
1/2"	3/4"	brass	PFB12	59.50	25	
1/2"	1"	brass	PFB16	61.63	25	
1/2"	3/4"	303 stainless	PF12SS	137.40	10	

Body Size	Hose ID Size	Material	Part #	Price/E	Opt Qty	Hose End Barb with Locking Sleeve
1/2"	3/8"	plated steel	PHL6	\$34.21	25	
1/2"	1/2"	plated steel	PHL8	34.21	25	
1/2"	3/4"	plated steel	PHL12	36.14	25	
1/2"	1"	plated steel	PHL16	55.06	25	
1/2"	3/4"	brass	PHLB12	80.32	25	
1/2"	1"	brass	PHLB16	87.58	25	
1/2"	3/4"	303 stainless	PHL12SS	318.27	10	

Body Size	NPT Thread Size	Material	Part #	Price/E	Opt Qty	Male Pipe Thread with Locking Sleeve
1/2"	3/8"	plated steel	PML6	\$32.37	25	
1/2"	1/2"	plated steel	PML8	32.19	25	
1/2"	3/4"	plated steel	PML12	32.19	25	
1/2"	3/4"	303 stainless	PML12SS	277.52	10	

Body Size	NPT Thread Size	Material	Part #	Price/E	Opt Qty	Female Pipe Thread with Locking Sleeve
1/2"	1/2"	plated steel	PFL8	\$36.85	25	
1/2"	3/4"	plated steel	PFL12	36.85	25	
1/2"	3/4"	303 stainless	PFL12SS	265.57	10	

Replacement Gaskets

Buna-N		Viton®	
Part #	Price/E	Part #	Price/E
855206	\$2.55	452963	\$6.34



Locking Key

Body Size	Steel	
	Part #	Price/E
1/2"	855231	\$1.81



fits couplings with locking sleeve

Dual Lock Quick-Acting Couplings with Ferrule

- Dual Lock couplings with ferrules are rated to **300 PSI** working pressure at ambient temperature (70°F).
- trivalent chrome plated coupling with plated steel ferrule
- also available in brass and stainless steel
- for crimp recommendations see page 676



Body Size	Hose ID	Hose OD		Part #	Price/E
		From:	To:		
1/2"	1/2"	5/4/64"	1-2/64"	PHL8WF	\$42.00
1/2"	3/4"	1-10/64"	1-22/64"	PHL12WF	43.95

Dual Lock Quick-Acting Couplings with Knurled Flanged Sleeve

- large, raised collar sleeve permits easier handling when wearing gloves
- trivalent chrome plated

Hose End Barb with Knurled Flanged Sleeve



Body Size	Hose ID Size	Part #	Price/E	Opt Qty
1/2"	3/8"	PHL6FS	\$37.97	25
1/2"	1/2"	PHL8FS	37.97	25
1/2"	3/4"	PHL12FS	39.89	25

Male Pipe Thread with Knurled Flanged Sleeve



Body Size	NPT Thread Size	Part #	Price/E	Opt Qty
1/2"	3/8"	PML6FS	\$36.12	25
1/2"	1/2"	PML8FS	35.95	25
1/2"	3/4"	PML12FS	35.95	25

Female Pipe Thread with Knurled Flanged Sleeve



Body Size	NPT Thread Size	Part #	Price/E	Opt Qty
1/2"	1/2"	PFL8FS	\$40.61	25
1/2"	3/4"	PFL12FS	40.61	25

Dual Y Valves



Non-Vented

- dual action valve, ideal for compressor applications
- female NPT threads
- non-vented rated to **600 PSI** WOG
- vented rated to **125 PSI** CWP (Cold Working Pressure)

Vented

Female NPT Inlet (1)	Female NPT Outlet (2)	Brass	
		Part #	Price/E
1"	3/4"	BBV100DW	\$146.35
1 1/4"	3/4"	BBV125DW	146.35

Female NPT Inlet (1)	Female NPT Outlet (2)	Brass	
		Part #	Price/E
1"	3/4"	BBV100DWV	\$146.35
1 1/4"	3/4"	BBV125DWV	146.35

Compressor Y



- converts a single supply source to a dual outlet

Female NPT Inlet (1)	Male NPT Outlet (2)	Iron	
		Part #	Price/E
1"	3/4"	Y10075	\$59.75

Steel 3500 Nipples

Male Nipple

Hose Size	NPT Size	Zinc Plated Steel		Opt Qty
		Part #	Price/E	
1/4"	1/8"	3501	\$6.80	100
1/4"	1/4"	3502	5.50	100
1/4"	3/8"	3504	7.20	100
3/8"	1/4"	3505	6.60	100
3/8"	3/8"	3506	6.45	100
3/8"	1/2"	3508	9.40	100
1/2"	1/4"	3509	7.65	100
1/2"	3/8"	3510	7.30	100
1/2"	1/2"	3512	9.00	100
1/2"	3/4"	3511	12.60	50
3/4"	1/2"	3513	12.75	50
3/4"	3/4"	3514	11.60	50
3/4"	1"	3515	23.00	25
1"	3/4"	3516	20.45	25
1"	1"	3518	17.40	25



hose shank x male NPT

☰
Air
Fittings

Female Nipple

Hose Size	NPT Size	Zinc Plated Steel		Opt Qty
		Part #	Price/E	
1/4"	1/4"	3542	\$11.25	100
3/8"	1/4"	3545	11.45	50
3/8"	3/8"	3546	11.80	50
1/2"	3/8"	3550	11.55	100
1/2"	1/2"	3552	13.75	50
3/4"	3/4"	3554	18.85	50



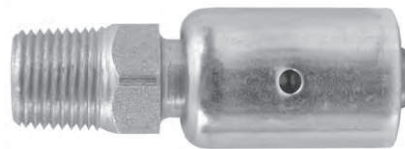
hose shank x female NPT

Steel 3500 Nipples with Ferrules

Exclusive interlocking ferrule can be crimped or swaged to achieve maximum coupling sealing and retention. The 3500 steel nipples with ferrules have a low profile, streamline appearance. For crimp dimensions see page 676.

- zinc plated steel 3500 nipple with carbon steel ferrule
- can be crimped or swaged-on
- rated to **600 PSI** working pressure at ambient temperature (70°F)
- for air and water service only **SAFETY ALERT**

Size	Hose OD		Steel	
	From:	To:	Part #	Price/E
1/2"	54/64"	58/64"	3512WF	\$20.75
3/4"	1-10/64"	1-14/64"	3514WF	21.30
1"	1-30/64"	1-34/64"	3518WF	22.80



The Importance of Whip Hose

The constant vibration created by air tools, like air drills and pavement breakers, is destructive to air hose couplings, especially the quick-acting type. To provide protection against coupling breakage and related hazards, Dixon recommends the use of a whip hose. To construct a whip hose, connect one end of a short (3' to 10') air hose to the air tool using a 3500 type steel nipple. Connect the other end of the hose to the air supply using the standard quick-acting coupling. The heat-treated 3500 nipple will withstand vibration far better than the standard coupling and provide a safer connection. The whip hose should remain permanently connected to the tool. **SAFETY ALERT**

In-Line Lubricators

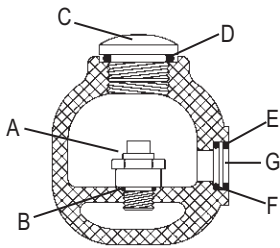
Designed to protect portable or stationary air tools by efficiently oiling the tool mechanisms. Each time an air tool is operated, a fine mist of oil is injected into it along with the air from the compressor. Installation is recommended within 25 feet of the tool to be lubricated. Refer to the arrow for proper air flow direction. Transparent sight disc allows visual inspection of oil level. Oil flow regulated by screwdriver screw adjustment. Minimum flow rate is 30 SCFM.

Not recommended for constant flow applications. For reciprocating tools only. **SAFETY ALERT**

Type of oil to use:

Use any petroleum-base, non-detergent light weight oil (SAE 10/150SSU) which will readily break up into a mist, i.e., Mobil DTE light or comparable oil. *Do not use any synthetic oil or oils containing additives or solvents.* **SAFETY ALERT**

See page 136 for air tool lubricant.



NPT Sizes	Oil Capacity	Max. Working Pressure at ambient temperature (70°F)	Air Flow at 70 PSI	Aluminum	
				Part #	Price/E
1/2"	1.4 fluid ozs.	500 PSI	30 SCFM	PL300	\$111.80
3/4"	3.7 fluid ozs.	200 PSI	70 SCFM	PL400	116.90
3/4"	11.0 fluid ozs.	300 PSI	70 SCFM	PL400L	145.00
1"	16.0 fluid ozs.	250 PSI	100 SCFM	PL500	193.40

Replacement Parts

Description	Part #	Price/E	Description	Part #	Price/E
(A) oil adjustment valve assembly	851661	\$46.00	(D) fill plug O-ring	700013-214	\$1.70
(B) valve gasket	452531	2.75	(E) sight disk	452532	2.90
(C) fill plug	452525	14.00	(F) sight disk seal	700013-016	2.00
			(G) sight disk lock nut	452533	6.75

In-Line Air Filters

Designed specifically for the protection of small air tools, such as impact wrenches, nut runners, grinders and screwdrivers. The all-anodized, lightweight aluminum housing is compact and can be used directly before the air tool.

- maximum operating pressure: **500 PSI**
- operating temperatures: **35°F to 200°F**
- air flow is 140 SCFM
- standard element is 40 micron, which ensures minimum pressure drop
- elements can be replaced quickly



Male NPT	Overall Length	Diameter	Weight Lbs.	Aluminum	
				Part #	Price/E
3/4"	3-13/16"	1-1/2"	.46	9076M	\$71.00

In-Line Lubricator with Filter

Combination unit consists of **9076M** particle filter with 40 micron sintered bronze element and **PL400** (3.7 ounce) or **PL400L** (11.0 ounce) lubricator.



NPT Sizes	Oil Capacity	Max. Work. Press. at ambient temp. (70°F)	Aluminum	
			Part #	Price/E
3/4"	3.7 fluid ozs.	200 PSI	PL400WF	\$197.10
3/4"	11.0 fluid ozs.	300 PSI	PL400LWF	223.25

In-Line Lubricator Base

- Base can be fitted to any existing PL lubricator, keeps lubricator from flipping or rolling over, ensuring that it provides continuous lubrication to the downstream air tool.



Description	Aluminum	
	Part #	Price/E
leveling base for PL300	LB300	\$15.00
leveling base for PL400	LB400	15.75
leveling base for PL500	LB500	16.00

King Safety Cables

When hose, couplings or clamps fail, or there is an accidental separation of the assembly, King safety cables minimize damage to equipment and injuries to operators. King safety cable reaches across the hose fittings to provide standby safety for hose. Spring-loaded loops in the cable ends open easily to pass over the couplings for a firm grip on the hose. Thoroughly tested with years of service. A positive safeguard for air hose connections - helps you meet today's safety standards. *King safety cable must be installed in the extended position (no slack).*

SAFETY
ALERT

Features:

- hose-to-hose or hose-to-rigid outlet
- King cable is the low cost answer to eliminate injuries caused by broken air hose connections
- highly resistant to rust and corrosion
- no tools needed - easy to install and remove
- maximum working pressure: **200 PSI**



Hose End Tool End
Style WSR, for hose-to-tool service



Hose End Hose End
Style W, for hose-to-hose service

Hose ID	Cable	Length	Max. Work. Press. PSI	Steel		Stainless Steel	
				Part #	Price/E	Part #	Price/E
1/2" - 1 1/4"	1/8"	20 1/4"	200	WSR1	\$18.45	WSR1SS	\$48.25
1/2" - 2"	3/16"	28"	200	WSR3	26.50	---	---
1 1/2" - 3"	1/4"	38"	200	WSR2	29.10	WSR2SS	101.80
4"	3/8"	44"	200	WSR4	64.40	---	---

Hose ID	Cable	Length	Max. Work. Press. PSI	Steel		Stainless Steel	
				Part #	Price/E	Part #	Price/E
1/2" - 1 1/4"	1/8"	20 1/4"	200	WB1	\$18.45	WB1SS	\$51.05
1/2" - 2"	3/16"	28"	200	WB3	27.35	---	---
1 1/2" - 3"	1/4"	38 1/4"	200	WA2	30.00	WA2SS	107.10
4"	3/8"	44"	200	WA4	64.45	---	---

Note: Cables are shipped with safety restraint labels attached. Labels are not pictured.

King Safety Cable Options



WSR1E
WSR1E with stainless steel marine eye

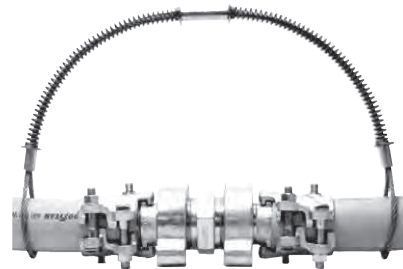


WB1C
WB1 with safety clip and lanyard



correct installation

SAFETY
ALERT



incorrect installation

Cable	Part #	Description	Max. Working Pressure PSI	Price/E
1/8"	WSR1C	WSR1 with safety clip and lanyard used to lock Air King couplings	200	\$32.10
1/8"	WB1C	WB1 with safety clip and lanyard used to lock Air King couplings	200	31.55
1/8"	WSR1E	WSR1 with stainless steel safety marine eye used to connect safety cable to a bolt on tool	200	53.25
1/4"	WA2B	WA2 with bronze/copper ferrule for special environmental conditions	200	60.10

See page 5 for OSHA regulations.

Spring Guard



with tang

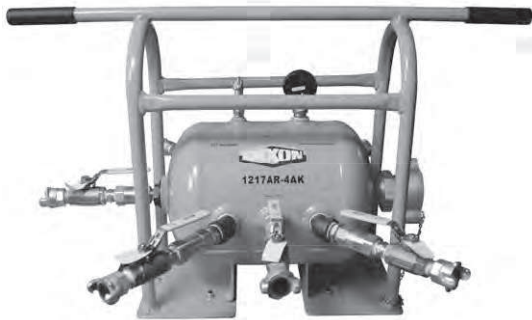


without tang

Protects hose against the effects of flexing at its most vulnerable point - immediately behind the coupling. End 'tang' allows end guard to be secured under a clamp or ferrule. Made of half-round galvanized steel or 304 stainless steel wire to fit most hose OD's from 1/2" to 3/4". Contact the factory for custom sizes or lengths.

Guard ID	Wire Gauge	Over All Length	Tang Length	Approx. # of Coils	Galvanized Steel with Tang		304 Stainless Steel with Tang		Galvanized Steel without Tang		304 Stainless Steel without Tang	
					Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	0.175	12"	1"	33	SEGC1-0.75-12	\$14.00	SEGS1-0.75-12	\$18.00	SEGC0-0.75-12	\$10.00	SEGS0-0.75-12	\$17.00
1"	0.175	12"	1"	33	SEGC1-1.00-12	16.00	SEGS1-1.00-12	24.00	SEGC0-1.00-12	12.00	SEGS0-1.00-12	20.00
1 1/4"	0.175	14"	2"	39	SEGC1-1.25-14	17.00	SEGS1-1.25-14	26.00	SEGC0-1.25-14	13.00	SEGS0-1.25-14	21.00
1 1/2"	0.175	14"	2"	39	SEGC1-1.50-14	18.00	SEGS1-1.50-14	27.00	SEGC0-1.50-14	14.00	SEGS0-1.50-14	23.00
1 3/4"	0.175	16"	2"	44	SEGC1-1.75-16	21.00	SEGS1-1.75-16	31.00	SEGC0-1.75-16	18.00	SEGS0-1.75-16	27.00
2"	0.280	16"	2"	44	SEGC1-2.00-16	24.00	SEGS1-2.00-16	32.00	SEGC0-2.00-16	21.00	SEGS0-2.00-16	28.00
2 1/2"	0.280	18"	2"	50	SEGC1-2.50-18	25.00	SEGS1-2.50-18	40.00	SEGC0-2.50-18	22.00	SEGS0-2.50-18	36.00
3"	0.280	18"	2"	50	SEGC1-3.00-18	30.00	SEGS1-3.00-18	42.00	SEGC0-3.00-18	27.00	SEGS0-3.00-18	38.00

ASME Air Receiver Manifold

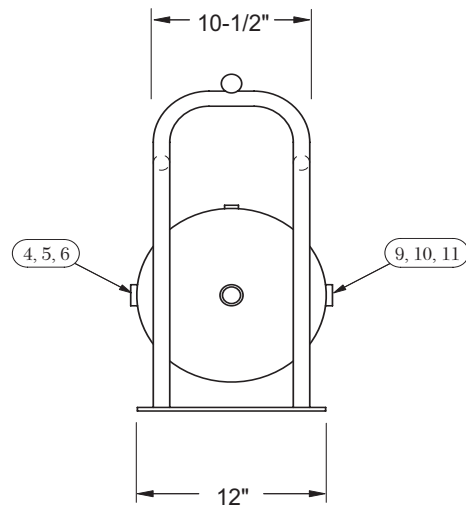
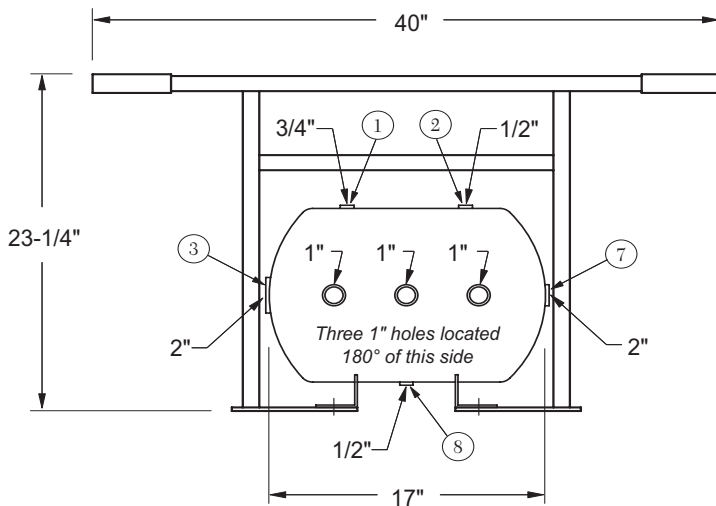


1217AR-4AK

- Compressor Air Receiver:
- built to ASME Code, National Board registered
 - 7 gallon capacity
 - all openings are female NPT thread
 - conforms to OSHA standards 1910.169 and 1926.306
 - painted safety orange
 - **200 PSI** working pressure



1217AR-4FR



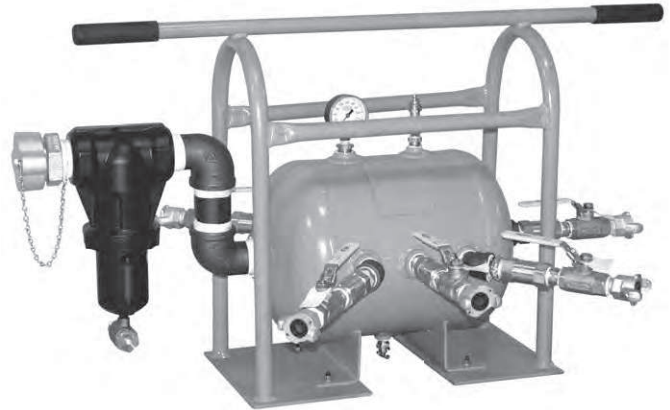
Dixon 1217AR-4AK air receiver manifold assembly with Air King outlet ports includes the following:

Part # / Locations	Description	Price/E	Price
1217AR-4	ASME compressed air receiver	---	\$1150.00
1217FRAME	1 protective frame	---	390.00
Location 1	1 HB2F6M 3/4" male x 1/4" female hex bushing 1 GL345 0-300 PSI gauge	\$7.29 18.95	7.29 18.95
Location 2	1 HB2F4M 1/2" male x 1/4" female hex bushing 1 SV200 safety pop-off valve	4.11 34.10	4.11 34.10
Location 3	1 GM28 2" male spud 1 B27SC wing nut cap	53.00 80.65	53.00 80.65
Locations 4, 5, 6, 9, 10, 11	6 HB1075G 1" male x 3/4" female bushings 6 BCN75 3/4" brass hex nipples 6 BBLV75 ball valves 6 SCVS6 safety shut-off valves 6 AM7 Air King universal couplings 4 SE45100 45° street elbow (1 each in locations 4, 6, 9 and 11 only)	6.55 7.33 62.40 92.24 8.10 9.20	39.30 43.98 374.40 553.44 48.60 36.80
Location 7	1 HB2075 2" male x 3/4" female bushing 1 BCN75 3/4" brass hex nipples 1 BBLV75 ball valve 1 SCVS6 safety shut-off valve 1 AM7 Air King universal coupling	8.45 7.33 62.40 92.24 8.10	8.45 7.33 62.40 92.24 8.10
Location 8	1 HB2F4M 1/2" male x 1/4" female hex bushing 1 D04 1/4" drain cock Labor cost for assembly of complete unit	4.11 4.60 ---	4.11 4.60 320.00
1217AR-4AK	7 gallon ASME compressed air receiver manifold complete assembly with Air King	---	3341.85
1217AR-4PHL	7 gallon ASME compressed air receiver manifold complete assembly with Dual Lock	---	3650.48
Tank and frame only			
1217AR-4FR	7 gallon ASME compressed air receiver with frame only	---	\$1540.00

ASME Air Tank with Fittings and Watts Filter

Designed to remove compressed air contaminants such as water, compressor oil, dirt, pipe scale and water particles from the air supply at the point of entry into the ASME air tank.

- includes basic 1217AR-4AK ASME manifold assembly
- F602-16WJR 2" auto drain filter with 26 ounce metal bowl and related plumbing installed on the inlet port of the ASME air tank
- Air supply hose connects directly to GM28 2" male spud on the filter air inlet.
- includes a B27SC wing nut cap with a chain



☰
Air
Fittings

ASME air tank with fittings and Watts filter

Size	Part #	Price/E
2" inlet, 3/4" outlets	1217AR-4AKWF	\$4623.20

Wilkerson Combination Unit with Protective Frame

Provides downstream air preparation with protective frame and includes the following components:

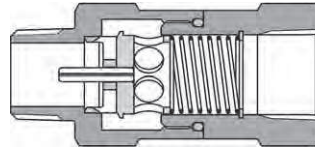
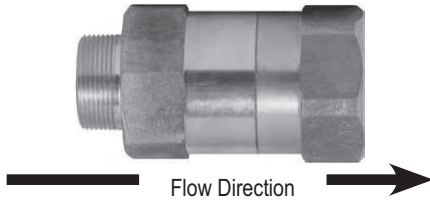
- C31-08AMB 1" FRL with metal bowls and auto drain filter
- FBV100 1" brass ball valve and AM12 air king on inlet port
- BBV100DTW 2-way ball valve installed between regulator and lubricator provides option for non-lubricated air
- heavy duty frame protects air prep components
- operating conditions:
 - maximum pressure: **250 PSIG**
 - temperature range: **40°F to 150°F**
 - SCFM: 320



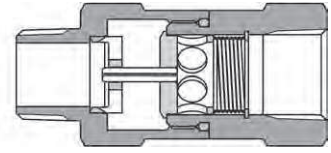
FRL with protective frame

Size	Part #	Price/E
1"	C31-08FRAME	\$1840.00

Safety Check Valves



Check Valve in Open Position



Check Valve in Closed Position

Features:

- high flow valve to provide optimum performance
- controls excess air flow (SCFM) in only one direction
- automatically senses change in air flow and shuts off the flow in the event of a surge in excess of valve flow rating thus preventing hose whip
- conforms to OSHA regulation 1926.302 (b) (7) requiring a safety device at the source of the air supply and at branch air lines
- applications include temporary plant/factory air, construction sites, shipyards or utilities
- *not for use in applications where 100% of the available air is required, i.e. sand blast, pile driving rigs, expansion joint blow down pipes, etc.*
- does not prevent backflow

SAFETY
ALERT

Construction:

- solid brass body and valve
- stainless steel spring and roll pin
- maximum working pressure: **250 PSI**
- maximum temperature: **250°F**

Use:

- Safety check valves operate by using the pressure differential across the valve to operate the valve and spring assembly. The pressure differential is directly related to the flow of air (SCFM) through the valve.
- When the pressure differential is within the operating limits - below the cutoff flow - of the unit, the force on the valve exerted by the spring is greater than that caused by the pressure differential (see "Open Position" graphic above). The valve remains open and normal operation continues.
- When the pressure differential is above the cutoff limit, the force on the valve exerted by the pressure differential is greater than the force exerted by the spring, and the valve closes (see the "Closed Position" graphic above).
- After the repair is made, normal operation is automatically enabled when pressure across the valve equalizes through the bleeder hole.
- The valve spring size can be specified by determining the air flow during normal operation and by estimating the air flow if a failure or rupture occurs.

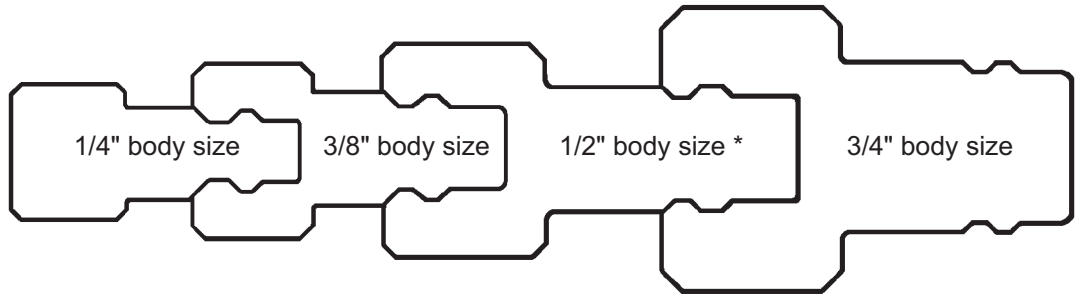
NPT and Hose ID Size	Part #	Cut-off Flow Rate (SCFM at 90 PSI)	Price/E	NPT and Hose ID Size	Part #	Cut-off Flow Rate (SCFM at 90 PSI)	Price/E
1/4"	SCVL2	23-29	\$57.87	1-1/4"	SCVL10	260-290	\$215.49
3/8"	SCVM3	39-47	54.28	1-1/2"	SCVM10	300-340	215.49
	SCVS3	52-65	54.28		SCVS10	440-500	215.49
1/2"	SCVM4	70-78	58.28		SCVH10	570-630	215.49
	SCVS4	80-96	58.28	SCVL12	300-360	361.45	
3/4"	SCVL6	72-88	92.24	SCVM12	470-530	361.45	
	SCVM6	92-108	92.24	SCVS12	640-720	361.45	
	SCVR6	112-128	92.24	SCVH12	750-830	361.45	
	SCVJ6	132-148	92.24	2"	SCVL16	510-590	493.60
	SCVS6	160-180	92.24		SCVM16	725-825	493.60
	SCVH6	180-200	92.24		SCVS16	900-1050	493.60
1"	SCVL8	165-195	104.32	SCVH16	1100-1200	493.60	
	SCVM8	220-260	104.32	3"	SCVL24	1200-1400	2095.85
	SCVS8	280-320	104.33		SCVS24	2400-2700	2095.85
	SCVH8	310-340	104.32		SCVH24	2850-3050	2095.85

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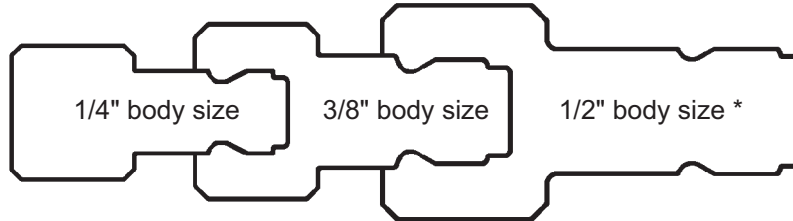
Air Fittings

Actual Size Profile Chart

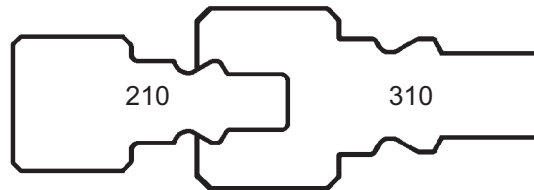
Industrial Series



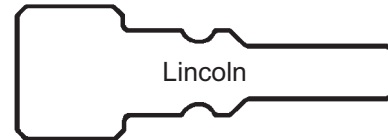
Automotive Series



ARO Series



Lincoln Series





* 1/2" industrial series may also interchange with 1/2" automotive series

Air Fittings

1/4" Ball Swivel Plugs

- material:
 - threaded portion is brass
 - plug and nut portion is nickel-plated hardened steel
- rated 250 PSI

Size	Part #	Price/E	Opt Qty	Male NPT Ball Swivel x Industrial Plug
1/4"	DCP21SWIV	\$14.15	10	


Size	Part #	Price/E	Opt Qty	Male NPT Ball Swivel x ARO Plug
1/4"	DCP37SWIV	\$14.15	10	

Size	Part #	Price/E	Opt Qty	Male NPT Ball Swivel x Automotive Plug
1/4"	DCP1SWIV	\$14.15	25	

Air Chief Industrial Interchange Quick-Connect Plugs

Air Chief industrial quick-connect plugs are the popular industrial interchange design and will interchange with many other makes. Couplers shut-off when disconnected.


- rated to **300 PSI**
- temperature range: **-40°F to 250°F**
- *for air service only*
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439



Female Pipe Thread	Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
	1/4"	1/8"	steel	37 CFM	DCP2021	\$3.35	20
	1/4"	1/4"	steel	37 CFM	DCP20	2.70	20
	1/4"	3/8"	steel	37 CFM	DCP2023	5.45	20
	3/8"	1/4"	steel	70 CFM	DCP2622	4.35	10
	3/8"	3/8"	steel	70 CFM	DCP26	5.05	10
	3/8"	1/2"	steel	70 CFM	DCP2624	9.60	10
	1/2"	3/8"	steel	150 CFM	DCP1823	9.40	10
	1/2"	1/2"	steel	150 CFM	DCP18	8.30	10
	1/2"	3/4"	steel	150 CFM	DCP1826	14.20	10
	3/4"	1/2"	steel	200 CFM	DCP7024	16.60	10
	3/4"	3/4"	steel	200 CFM	DCP7026	18.15	5
	3/4"	1"	steel	200 CFM	DCP7028	32.95	5
	1/4"	1/4"	brass	37 CFM	DCP20B	3.18	20
	1/4"	3/8"	brass	37 CFM	DCP2023B	4.88	20
	1/4"	1/4"	303 stainless	37 CFM	DCP20S	10.81	5
	3/8"	3/8"	303 stainless	70 CFM	DCP26S	24.57	5
	1/2"	1/2"	303 stainless	150 CFM	DCP18S	26.75	5


Air Chief Industrial Interchange Quick-Connect Plugs

Air Chief industrial quick-connect plugs are the popular industrial interchange design and will interchange with many other makes. Couplers shut-off when disconnected.

- rated to **300 PSI**
- temperature range: **-40°F to 250°F**
- *for air service only*
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439

Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty	Male Pipe Thread
1/4"	1/8"	steel	37 CFM	DCP2101	\$2.65	20	
1/4"	1/4"	steel	37 CFM	DCP21	2.30	20	
1/4"	3/8"	steel	37 CFM	DCP2103	3.80	20	
3/8"	1/4"	steel	70 CFM	DCP2502	3.95	10	
3/8"	3/8"	steel	70 CFM	DCP25	3.95	10	
3/8"	1/2"	steel	70 CFM	DCP2504	8.15	10	
1/2"	3/8"	steel	150 CFM	DCP1703	6.75	10	
1/2"	1/2"	steel	150 CFM	DCP17	6.45	10	
1/2"	3/4"	steel	150 CFM	DCP1706	12.75	10	
3/4"	1/2"	steel	200 CFM	DCP7104	15.10	10	
3/4"	3/4"	steel	200 CFM	DCP7106	15.35	5	
3/4"	1"	steel	200 CFM	DCP7108	23.95	5	
1/4"	1/8"	brass	37 CFM	DCP2101B	3.38	20	
1/4"	1/4"	brass	37 CFM	DCP21B	2.23	20	
1/4"	3/8"	brass	37 CFM	DCP2103B	4.24	20	
1/4"	1/4"	303 stainless	37 CFM	DCP21S	8.52	5	
3/8"	3/8"	303 stainless	70 CFM	DCP25S	17.47	5	
1/2"	1/2"	303 stainless	150 CFM	DCP17S	26.75	5	

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty	Standard Hose Barb
1/4"	1/4"	steel	37 CFM	DCP2142	\$3.48	20	
1/4"	5/16"	steel	37 CFM	DCP2143	4.75	20	
1/4"	3/8"	steel	37 CFM	DCP2144	4.50	20	
3/8"	1/4"	steel	70 CFM	DCP2542	6.55	10	
3/8"	3/8"	steel	70 CFM	DCP2544	5.08	10	
3/8"	1/2"	steel	70 CFM	DCP2545	7.70	10	
1/2"	3/8"	steel	150 CFM	DCP1744	7.10	10	
1/2"	1/2"	steel	150 CFM	DCP1745	6.55	10	
1/2"	3/4"	steel	150 CFM	DCP1746	10.45	10	
3/4"	1/2"	steel	200 CFM	DCP7145	21.50	5	
3/4"	3/4"	steel	200 CFM	DCP7146	21.05	5	
3/4"	1"	steel	200 CFM	DCP7148	32.00	5	
1/4"	1/4"	brass	37 CFM	DCP2142B	3.66	20	 DCP7145
1/4"	3/8"	brass	37 CFM	DCP2144B	4.32	20	
1/4"	1/4"	303 stainless	37 CFM	DCP2142S	11.14	5	
3/8"	3/8"	303 stainless	70 CFM	DCP2544S	18.02	5	
1/2"	1/2"	303 stainless	150 CFM	DCP1745S	26.75	5	


Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty	Push-On Hose Barb
1/4"	1/4"	steel	37 CFM	DCP2142L	\$3.48	25	
1/4"	3/8"	steel	37 CFM	DCP2144L	4.05	25	
3/8"	1/4"	steel	70 CFM	DCP2542L	6.65	25	
3/8"	3/8"	steel	70 CFM	DCP2544L	5.75	25	

Air Chief Industrial Interchange Quick-Connect Couplers


Air Chief industrial quick-connect couplers are the popular Industrial Interchange design and will interchange with many other makes. Couplers shut-off when disconnected.

- rated to **300 PSI**
- temperature range: **-40°F to 250°F**
- *for air service only*
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439


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Female Pipe Thread	Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
 <p>semi-automatic pull sleeve to connect</p>	1/4"	1/8"	brass	37 CFM	DC2021	\$14.20	10
	1/4"	1/4"	brass	37 CFM	DC20	9.35	10
	1/4"	3/8"	brass	37 CFM	DC2023	12.90	10
	3/8"	1/4"	steel	70 CFM	DC2622	21.40	10
	3/8"	3/8"	steel	70 CFM	DC26	20.00	10
	3/8"	1/2"	steel	70 CFM	DC2624	25.85	10
	1/2"	3/8"	steel	150 CFM	DC1023	30.05	10
	1/2"	1/2"	steel	150 CFM	DC10	28.10	10
	1/2"	3/4"	steel	150 CFM	DC1026	36.90	10
	3/4"	1/2"	brass	200 CFM	DC7024 ¹	65.00	1
	3/4"	3/4"	brass	200 CFM	DC7026 ¹	66.50	1
	3/4"	1"	brass	200 CFM	DC7028 ¹	72.30	1
	1/4"	1/4"	303 stainless	37 CFM	DC20S	45.86	5
	3/8"	3/8"	303 stainless	70 CFM	DC26S	79.71	5
	1/2"	1/2"	303 stainless	150 CFM	DC10S	100.45	5


¹ 3/4" are automatic sleeve

Male Pipe Thread	Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
 <p>semi-automatic pull sleeve to connect</p>	1/4"	1/8"	brass	37 CFM	DC2101	\$12.10	10
	1/4"	1/4"	brass	37 CFM	DC21	9.90	10
	1/4"	3/8"	brass	37 CFM	DC2103	12.00	10
	3/8"	1/4"	steel	70 CFM	DC2502	19.95	10
	3/8"	3/8"	steel	70 CFM	DC25	20.75	10
	3/8"	1/2"	steel	70 CFM	DC2504	24.75	10
	1/2"	3/8"	steel	150 CFM	DC903	28.10	10
	1/2"	1/2"	steel	150 CFM	DC9	24.75	10
	1/2"	3/4"	steel	150 CFM	DC906	33.20	10
	3/4"	1/2"	brass	200 CFM	DC7104 ¹	68.90	1
	3/4"	3/4"	brass	200 CFM	DC7106 ¹	70.50	1
	3/4"	1"	brass	200 CFM	DC7108 ¹	78.25	1
	1/4"	1/4"	303 stainless	37 CFM	DC21S	42.59	5
	3/8"	3/8"	303 stainless	70 CFM	DC25S	76.43	5
	1/2"	1/2"	303 stainless	150 CFM	DC9S	104.04	5

¹ 3/4" are automatic sleeve

Standard Hose Barb	Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
 <p>semi-automatic pull sleeve to connect</p>	1/4"	1/4"	brass	37 CFM	DC2042	\$12.10	10
	1/4"	5/16"	brass	37 CFM	DC2043	13.00	10
	1/4"	3/8"	brass	37 CFM	DC2044	12.25	10
	3/8"	1/4"	steel	70 CFM	DC2642	24.50	10
	3/8"	3/8"	steel	70 CFM	DC2644	21.60	10
	3/8"	1/2"	steel	70 CFM	DC2645	23.00	10
	1/2"	3/8"	steel	150 CFM	DC1044	32.10	10
	1/2"	1/2"	steel	150 CFM	DC1045	30.10	10
	1/2"	3/4"	steel	150 CFM	DC1046	31.85	10
	3/4"	1/2"	brass	200 CFM	DC7045 ¹	75.70	1
	3/4"	3/4"	brass	200 CFM	DC7046 ¹	76.65	1
	3/4"	1"	brass	200 CFM	DC7048 ¹	79.20	1
	1/4"	1/4"	303 stainless	37 CFM	DC2042S	52.41	5
	3/8"	3/8"	303 stainless	70 CFM	DC2644S	80.80	5
	1/2"	1/2"	303 stainless	150 CFM	DC1045S	104.04	5


¹ 3/4" are automatic sleeve


Push-On Hose Barb	Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
 <p>semi-automatic pull sleeve to connect</p>	1/4"	1/4"	brass	37 CFM	DC2042L	\$12.35	25
	1/4"	3/8"	brass	37 CFM	DC2044L	12.30	25
	3/8"	1/4"	steel	70 CFM	DC2642L	30.70	25
	3/8"	3/8"	steel	70 CFM	DC2644L	23.05	25


Parker Ez-Mate Industrial Interchange Couplers


Ez-Mate couplings combine push-to-connect, exhaust-style action with a self-locking valve sleeve to guard against accidental disconnection. Simply follow the direction of the on-off arrow stamped on the yellow chromate valve sleeve. Valve sleeve acts as an integral shut-off valve that allows connection and disconnection at zero pressure. When the sleeve is moved to shut off air flow, it automatically vents downstream allowing for disconnection at zero pressure and eliminating the risk of hose whip.

- rated to **300 PSI**
- temperature range (standard seals): **-40°F to +250°F**
- Meet ISO 4414 requirements for a controlled pressure release system.
- not recommended for vacuum service

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty	Female Pipe Thread
1/4"	1/4"-18	steel	37 CFM	DC20SE	\$48.35	10	
1/4"	3/8"-18	steel	37 CFM	DC2023SE	52.20	10	
3/8"	3/8"-18	steel	70 CFM	DC26SE	58.40	5	
3/8"	1/2"-14	steel	70 CFM	DC2624SE	63.75	5	
1/2"	1/2"-14	steel	150 CFM	DC10SE	68.90	5	
1/2"	3/4"-14	steel	150 CFM	DC1026SE	77.45	5	
3/4"	3/4"-14	steel	200 CFM	DC7026SE	100.90	5	
3/4"	1"-11-1/2	steel	200 CFM	DC7028SE	119.35	5	

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty	Male Pipe Thread
1/4"	1/4"-18	steel	37 CFM	DC21SE	\$55.65	10	
1/4"	3/8"-18	steel	37 CFM	DC2103SE	65.10	10	
3/8"	3/8"-18	steel	70 CFM	DC25SE	70.55	5	
1/2"	1/2"-14	steel	150 CFM	DC9SE	75.10	5	
3/4"	3/4"-14	steel	200 CFM	DC7106SE	140.00	5	

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty	Standard Hose Barb
1/4"	1/4"	steel	37 CFM	DC2042SE	\$66.70	10	
1/4"	3/8"	steel	37 CFM	DC2044SE	69.80	10	
3/8"	3/8"	steel	70 CFM	DC2644SE	74.40	5	
1/2"	1/2"	steel	150 CFM	DC1045SE	80.45	5	

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty	Push-Lock Hose Barb
1/4"	1/4"	steel	37 CFM	DC2042LSE	\$80.10	10	
1/4"	3/8"	steel	37 CFM	DC2044LSE	67.50	10	
3/8"	3/8"	steel	70 CFM	DC2644LSE	72.00	5	
1/2"	1/2"	steel	150 CFM	DC1045LSE	80.30	5	

Legris Automatic Industrial Interchange Safety Couplers

- composite, non-marring body
- 1/4" body size ensures an excellent flow and total security due to disconnection in two steps
- compatible with industrial interchange plugs
- Perfectly suited for numerous installations including:
 - pneumatic tools
 - blow guns
 - pneumatic automotive equipment



1. vents plug side



2. disconnects



male NPT straight body



female NPT straight body


NPT Size	Body Size	Part #	Price/E
1/4"	1/4"	9405U0614	\$33.60
3/8"	1/4"	9405U0618	33.60


NPT Size	Body Size	Part #	Price/E
1/4"	1/4"	9415U0614	\$33.60
3/8"	1/4"	9415U0618	33.60


Air Chief Industrial Interchange Quick-Connect Couplers

Air Chief industrial quick-connect couplers are the popular industrial interchange design and will interchange with many other makes. Couplers shut-off when disconnected.

- rated to **300 PSI**
- temperature range: **-40°F to 250°F**
- *for air service only*
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439

Female Pipe Thread	Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
 <p>automatic push to connect</p>	1/4"	1/4"	brass	27 CFM	DCB20	\$12.30	24
	1/4"	3/8"	brass	27 CFM	DCB2023	14.51	24
	3/8"	1/4"	brass	45 CFM	DCB2622	25.00	12
	3/8"	3/8"	brass	45 CFM	DCB26	24.02	12
	3/8"	1/2"	brass	45 CFM	DCB2624	26.21	12
	1/2"	3/8"	brass	91 CFM	DCB1023	33.25	6
	1/2"	1/2"	brass	91 CFM	DCB10	33.85	6
	1/2"	3/4"	brass	91 CFM	DCB1026	33.85	6
	3/4"	1/2"	brass	200 CFM	DC7024	65.00	1
	3/4"	3/4"	brass	200 CFM	DC7026	66.50	1
	3/4"	1"	brass	200 CFM	DC7028	72.30	1
	1/4"	1/4"	303 stainless	37 CFM	DCS20	64.68	5
	3/8"	3/8"	303 stainless	70 CFM	DCS26	96.63	5
	1/2"	1/2"	303 stainless	150 CFM	DCS10	130.34	5


Male Pipe Thread	Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
 <p>automatic push to connect</p>	1/4"	1/4"	brass	27 CFM	DCB21	\$12.30	24
	1/4"	3/8"	brass	27 CFM	DCB2103	14.51	24
	3/8"	1/4"	brass	45 CFM	DCB2502	25.00	12
	3/8"	3/8"	brass	45 CFM	DCB25	24.02	12
	3/8"	1/2"	brass	45 CFM	DCB2504	25.41	12
	1/2"	3/8"	brass	91 CFM	DCB903	31.73	6
	1/2"	1/2"	brass	91 CFM	DCB9	30.87	6
	1/2"	3/4"	brass	91 CFM	DCB906	32.57	6
	3/4"	1/2"	brass	200 CFM	DC7104	68.90	1
	3/4"	3/4"	brass	200 CFM	DC7106	70.50	1
	3/4"	1"	brass	200 CFM	DC7108	78.25	1
	1/4"	1/4"	303 stainless	37 CFM	DCS21	58.43	5
	3/8"	3/8"	303 stainless	70 CFM	DCS25	93.77	5
	1/2"	1/2"	303 stainless	150 CFM	DCS9	123.31	5

Standard Hose Barb	Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
 <p>automatic push to connect</p>	1/4"	1/4"	brass	27 CFM	DCB2042	\$12.56	24
	1/4"	3/8"	brass	27 CFM	DCB2044	14.53	24
	3/8"	1/4"	brass	45 CFM	DCB2642	26.21	12
	3/8"	3/8"	brass	45 CFM	DCB2644	22.93	12
	3/8"	1/2"	brass	45 CFM	DCB2645	27.30	12
	1/2"	3/8"	brass	91 CFM	DCB1044	33.25	6
	1/2"	1/2"	brass	91 CFM	DCB1045	33.72	6
	1/2"	3/4"	brass	91 CFM	DCB1046	34.03	6
	3/4"	1/2"	brass	200 CFM	DC7045	75.70	1
	3/4"	3/4"	brass	200 CFM	DC7046	76.65	1
	3/4"	1"	brass	200 CFM	DC7048	79.20	1
	1/4"	1/4"	303 stainless	37 CFM	DCS2042	70.79	5
	3/8"	3/8"	303 stainless	70 CFM	DCS2644	94.39	5
	1/2"	1/2"	303 stainless	150 CFM	DCS1045	111.22	5

Air Chief Automotive Interchange Quick-Connect Plugs


Air Chief automotive quick-connect plugs will interchange with the popular makes of automotive quick-connect fittings such as Amflo, Dill, Milton and Truflate. There are some makes however, which do not interchange with any others. If you plan to interchange these couplings, make sure you have plug ends with the proper configuration.


- rated **300 PSI**
- temperature range: **-40°F to 250°F**


Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty	Female Pipe Thread
1/4"	1/8"	steel	37 CFM	DCP221	\$3.25	25	
1/4"	1/4"	steel	37 CFM	DCP2	3.05	20	
1/4"	3/8"	steel	37 CFM	DCP223	6.30	20	
3/8"	1/4"	steel	70 CFM	DCP8	3.90	10	
3/8"	3/8"	steel	70 CFM	DCP6	7.45	10	
3/8"	1/2"	steel	70 CFM	DCP624	11.00	10	
1/2"	3/8"	steel	150 CFM	DCP1823	9.40	10	
1/2"	1/2"	steel	150 CFM	DCP18	8.30	10	
1/2"	3/4"	steel	150 CFM	DCP1826	14.20	10	



Air Fittings

Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty	Male Pipe Thread
1/4"	1/8"	steel	37 CFM	DCP101	\$3.95	20	
1/4"	1/4"	steel	37 CFM	DCP1	2.35	20	
1/4"	3/8"	steel	37 CFM	DCP103	4.35	20	
3/8"	1/4"	steel	70 CFM	DCP7	3.80	10	
3/8"	3/8"	steel	70 CFM	DCP5	4.30	10	
1/2"	3/8"	steel	150 CFM	DCP1703	6.75	10	
1/2"	1/2"	steel	150 CFM	DCP17	6.45	20	
1/2"	3/4"	steel	150 CFM	DCP1706	12.75	10	


Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty	Standard Hose Barb
1/4"	1/4"	steel	37 CFM	DCP142	\$4.60	20	
1/4"	3/8"	steel	37 CFM	DCP144	4.55	20	
3/8"	1/4"	steel	70 CFM	DCP542	7.45	10	
3/8"	3/8"	steel	70 CFM	DCP544	5.95	25	
1/2"	3/8"	steel	150 CFM	DCP1744	7.10	10	
1/2"	1/2"	steel	150 CFM	DCP1745	6.55	10	
1/2"	3/4"	steel	150 CFM	DCP1746	10.45	10	


Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty	Push-On Hose Barb
1/4"	1/4"	steel	37 CFM	DCP142L	\$5.15	25	
1/4"	3/8"	steel	37 CFM	DCP144L	5.15	25	
3/8"	3/8"	steel	70 CFM	DCP544L	6.40	25	


Air Chief Automotive Interchange Quick-Connect Couplers


Air Chief automotive quick-connect couplers will interchange with the popular makes of automotive quick-connect fittings such as Amflo, Dill, Milton and Truflate. There are some makes however, which do not interchange with any others. If you plan to interchange these couplings, make sure you have plug ends with the proper configuration.

- rated **300 PSI**
- temperature range: **-40°F to 250°F**

Female Pipe Thread	Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
 semi-automatic pull sleeve to connect	1/4"	1/8"	brass	37 CFM	DC221	\$14.00	25
	1/4"	1/4"	brass	37 CFM	DC2	9.95	25
	1/4"	3/8"	brass	37 CFM	DC223	13.75	10
	3/8"	1/4"	steel	70 CFM	DC8	20.80	10
	3/8"	3/8"	steel	70 CFM	DC6	20.30	10
	3/8"	1/2"	steel	70 CFM	DC624	28.05	10
	1/2"	3/8"	steel	150 CFM	DC1023	30.05	10
	1/2"	1/2"	steel	150 CFM	DC10	28.10	10
	1/2"	3/4"	steel	150 CFM	DC1026	36.90	10

Male Pipe Thread	Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
 semi-automatic pull sleeve to connect	1/4"	1/8"	brass	37 CFM	DC101	\$12.70	10
	1/4"	1/4"	brass	37 CFM	DC1	9.90	10
	1/4"	3/8"	brass	37 CFM	DC103	12.65	10
	3/8"	1/4"	steel	70 CFM	DC7	20.80	10
	3/8"	3/8"	steel	70 CFM	DC5	20.35	10
	3/8"	1/2"	steel	70 CFM	DC504	24.20	10
	1/2"	3/8"	steel	150 CFM	DC903	28.10	10
	1/2"	1/2"	steel	150 CFM	DC9	24.75	10
	1/2"	3/4"	steel	150 CFM	DC906	33.20	10


Standard Hose Barb	Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
 semi-automatic pull sleeve to connect	1/4"	1/4"	brass	37 CFM	DC242	\$13.20	10
	1/4"	5/16"	brass	37 CFM	DC243	10.82	10
	1/4"	3/8"	brass	37 CFM	DC244	13.50	10
	3/8"	1/4"	steel	70 CFM	DC642	32.60	10
	3/8"	3/8"	steel	70 CFM	DC644	21.55	10
	3/8"	1/2"	steel	70 CFM	DC645	23.80	10
	1/2"	3/8"	steel	150 CFM	DC1044	32.10	10
	1/2"	1/2"	steel	150 CFM	DC1045	30.10	10
	1/2"	3/4"	steel	150 CFM	DC1046	31.85	10


Push-On Hose Barb	Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
 semi-automatic pull sleeve to connect	1/4"	1/4"	brass	37 CFM	DC242L	\$12.95	25
	1/4"	3/8"	brass	37 CFM	DC244L	12.95	25
	3/8"	1/4"	steel	70 CFM	DC642L	36.10	25
	3/8"	3/8"	steel	70 CFM	DC644L	23.65	25


Air Chief ARO Speed Quick-Connect Plugs


These semi-automatic quick connects interchange with both the ARO 210 and 310 Design.

- rated **300 PSI** at ambient temperature (70°F)

Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty	Female Pipe Thread
1/4"	1/4"	steel	37 CFM	DCP38	\$2.75	10	
1/4"	3/8"	steel	37 CFM	DCP3823	7.75	10	
3/8"	3/8"	steel	70 CFM	DCP36	9.15	25	

Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty	Male Pipe Thread
1/4"	1/4"	steel	37 CFM	DCP37	\$2.65	10	
1/4"	3/8"	steel	37 CFM	DCP3703	6.05	10	
3/8"	3/8"	steel	70 CFM	DCP35	8.20	25	

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty	Standard Hose Barb
1/4"	1/4"	steel	37 CFM	DCP3742	\$4.65	10	
1/4"	3/8"	steel	37 CFM	DCP3744	4.72	25	

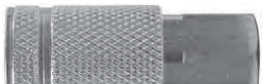
Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty	Push-On Hose Barb
1/4"	1/4"	steel	37 CFM	DCP3742L	\$5.75	25	
1/4"	3/8"	steel	37 CFM	DCP3744L	9.80	25	

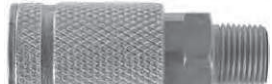
Air Chief ARO Speed Quick-Connect Couplers


These semi-automatic quick connects interchange with both the ARO 210 and 310 design. Couplers shut-off when disconnected.


- rated **300 PSI** at ambient temperature (70°F)

semi-automatic - pull sleeve to connect

Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty	Female Pipe Thread
1/4"	1/4"	brass	37 CFM	DC38	\$10.55	10	
1/4"	3/8"	brass	37 CFM	DC3823	14.20	10	
3/8"	3/8"	steel	70 CFM	DC36	33.45	25	

Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty	Male Pipe Thread
1/4"	1/4"	brass	37 CFM	DC37	\$11.30	10	
1/4"	3/8"	brass	37 CFM	DC3703	14.15	10	
3/8"	3/8"	steel	70 CFM	DC35	30.50	25	


Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty	Standard Hose Barb
1/4"	1/4"	steel	37 CFM	DC3842	\$18.55	10	
1/4"	3/8"	steel	37 CFM	DC3844	22.00	25	


Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty	Push-On Hose Barb
1/4"	1/4"	brass	37 CFM	DC3842L	\$13.70	25	
1/4"	3/8"	brass	37 CFM	DC3844L	14.60	25	


Air Chief A Series Quick-Connect Plugs

Air Chief A series are intended for use in compressed air service where the convenience of one hand operation and a compact profile is desired. Machined from solid brass bar stock, stainless steel balls and springs maximize corrosion resistance.

- maximum working pressure: **500 PSI** at ambient temperature (70°F)


Female Pipe Thread	Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty
	1/8"	1/8"	brass	7 CFM	A1F1-B	\$7.37	20
	1/4"	1/4"	brass	25 CFM	A2F2-B	7.37	20


Male Pipe Thread	Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty
	1/8"	1/8"	brass	7 CFM	A1M1-B	\$7.37	20
	1/4"	1/4"	brass	25 CFM	A2M2-B	7.37	20


Hose Barb	Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty
	1/8"	1/8"	brass	7 CFM	A1S1-B	\$7.37	20

Air Chief A Series Quick-Connect Couplers

automatic - push to connect

Female Pipe Thread	Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty
	1/8"	1/8"	brass	7 CFM	1AF1-B	\$24.02	20
	1/4"	1/4"	brass	25 CFM	2AF2-B	25.12	20


Male Pipe Thread	Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty
	1/8"	1/8"	brass	7 CFM	1AM1-B	\$24.02	20
	1/4"	1/4"	brass	25 CFM	2AM2-B	25.12	20


Hose Barb	Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty
	1/8"	1/8"	brass	7 CFM	1AS1-B	\$26.21	20
	1/4"	1/4"	brass	25 CFM	2AS2-B	27.30	20


Air Chief Universal Quick-Connect Fittings

U-series are the first 6-in-1 couplers, works with: ARO 210, MIL-C-4109F, Truflate, Lincoln, Italian Standard and CEJN 320. Euro-style valving ensures maximum flow performance and automatic connection with minimal force required. Couplers have a sleeve-guard lip to reduce the risk of accidental disconnection while in service.

automatic - push to connect

Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Female Pipe Thread
1/4"	1/4"	brass	37 CFM	UDC20	\$16.41	
1/4"	3/8"	brass	37 CFM	UDC2023	17.00	

Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Male Pipe Thread
1/4"	1/4"	brass	37 CFM	UDC21	\$16.41	
1/4"	3/8"	brass	37 CFM	UDC2103	17.98	

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Standard Hose Barb
1/4"	1/4"	brass	37 CFM	UDC2042	\$17.44	
1/4"	3/8"	brass	37 CFM	UDC2044	17.98	

Air Chief Lincoln Series Quick-Connect Plugs

These sockets and plugs are interchangeable with Lincoln's long stem series. Couplers shut-off when disconnected.

- rated **300 PSI** at ambient temperature (70°F)

Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty	Female Pipe Thread
1/4"	1/4"	steel	37 CFM	DCP28	\$7.10	10	

Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty	Male Pipe Thread
1/4"	1/4"	steel	37 CFM	DCP27	\$5.85	10	

Air Chief Lincoln Series Quick-Connect Couplers

These sockets and plugs are interchangeable with Lincoln's long stem series. Couplers shut-off when disconnected.

- rated **300 PSI**

semi-automatic - pull sleeve to connect

Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty	Female Pipe Thread
1/4"	1/4"	brass	37 CFM	DC28	\$16.30	10	

Body Size	NPT Thread Size	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty	Male Pipe Thread
1/4"	1/4"	brass	37 CFM	DC27	\$16.75	10	

Dixon Keychain

- halves separate like a coupler and plug



Plated Steel

Part #	Price/E
DKC1	\$18.40

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 open to the atmosphere.

- standard pipe thread fittings for quick assembly and removal for cleaning
- nickel plated steel insert with a bronze filter
- The filter element is rated for 40 micron filtration.
- maximum operating pressure: **150 PSI**
- operating temperatures: **35°F to 300°F**



NPT Thread Size	Overall Length	Nickel Plated Steel	
		Part #	Price/E
1/8"	7/16"	ASP-1BV	\$2.35
1/4"	5/8"	ASP-2BV	2.50
3/8"	3/4"	ASP-3BV	3.65
1/2"	7/8"	ASP-4BV	5.20
3/4"	1"	ASP-6BV	8.40
1"	1-5/16"	ASP-8BV	16.80

Conical Mufflers

Conical mufflers are easy to install, threading the exhaust ports of air tool, valves, cylinders and other pneumatic equipment. They offer an economical method of reducing the noise levels below 90 dBA, conforming with OSHA standards.

- The bronze filter element is rated for 40 micron filtration. The element is bonded directly to the fitting. *These elements are not replaceable.*
- maximum operating pressure: **300 PSI**
- operating temperature: **35°F to 300°F**



NPT Thread Size	Overall Length	Nickel Plated Steel	
		Part #	Price/E
1/8"	1-1/8"	CMF18	\$3.60
1/4"	1-3/8"	CMF28	4.30
3/8"	1-1/2"	CMF38	5.60
1/2"	1-7/8"	CMF48	8.15
3/4"	2-1/8"	CMF68	12.95
1"	2-7/8"	CMF88	19.70

Speed Control Mufflers

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



aluminum



brass

- maximum operating pressure: **300 PSI**
- operating temperature: **35°F to 300°F**

NPT Thread Size	Approximate Full Operating Height	Maximum Adjusted SCFM	2011T3 Aluminum		Brass	
			Part #	Price/E	Part #	Price/E
1/8"	1-5/16"	20	ASCM18	\$8.00	SCM18	\$5.95
1/4"	1-9/16"	30	ASCM28	9.10	SCM28	6.90
3/8"	1-5/8"	40	ASCM38	12.10	SCM38	9.95
1/2"	2"	60	ASCM48	16.50	SCM48	15.40
3/4"	2-3/8"	70	ASCM68	28.95	SCM68	20.50
1"	2-1/2"	100	ASCM88	35.85	SCM88	37.50

Mini In-Line Lubricators

- can be refilled under line pressure
- oil capacity is ¼ fluid ounce
- flow rating is 22 SCFM at 100 PSIG
- maximum operating conditions: **200 PSIG** and **175°F**

Female NPT Inlet	NPT Outlet	Aluminum	
		Part #	Price/E
1/4"	1/4" female	ML200	\$73.15
1/4"	1/4" male	ML200M	73.15
3/8"	3/8" male	ML300M	73.15

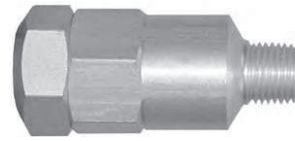


☰
Air
Fittings

Mini In-Line Filter

- either port may be used as an inlet port
- filter element rated at 5 microns
- flow rating is 17 SCFM inlet pressure at 100 PSIG
- maximum operating conditions: **200 PSIG** and **175°F**

Female NPT	Male NPT	Aluminum	
		Part #	Price/E
1/4"	1/4"	MF200	\$43.05
Description		Part #	Price/E
Replacement element		FRP-95-199	\$14.00



In-Line Air Filter

Designed specifically for the protection of small air tools, such as impact wrenches, nut runners, grinders and screwdrivers. The all-anodized, lightweight aluminum housing is compact and can be used directly before the air tool.

- standard element is 40 micron, which ensures minimum pressure drop
- elements can be replaced quickly
- maximum operating pressure: **500 PSI**
- operating temperatures: **35°F to 200°F**
- air flow is 140 SCFM

Male NPT	Overall Length	Diameter	Weight Lbs.	Aluminum	
				Part #	Price/E
3/4"	3-13/16"	1-1/2"	.46	9076M	\$71.00



Miniature Non-Repairable General Purpose Regulators

- Relieving piston design allows reduction of downstream pressure when the system is dead-ended.
- reliable pressure regulation at air flows up to 13 SCFM
- left to right flow
- 5 to 125 PSIG outlet pressure adjustment range
- compact design and light weight construction
- wrench flats for easy installation
- *model supplied with a GC620 gauge*

with gauge			without gauge		
Size	Part #	Price/E	Size	Part #	Price/E
1/4"	R46-200RG	\$59.95	1/4"	R46-200R	\$43.25



Anti-Freeze Lubricants

Winter grade air tool lubricant that prevents air line, air tool and in-line lubricator freeze-up.

- can be poured directly into tool or used with air line lubricators
- performance is good to **-45°F**



1 pint



1 gallon

Size	Part #	Price/E	Opt Qty
1 pint	DATL016W	\$22.00	12
1 gallon	DATL128W	136.00	4

Air Tool Lubricants

A specially formulated high grade lubricant that prolongs the service life of air tools, cylinders and accessories while permitting maximum performance. It is a #10 weight lubricant. This compound is superior in performance to ordinary lubricants. Prohibits rust and removes moisture as it lubricates. It is non-corrosive, non-reactive and does not decompose. The easy pour spout helps prevent costly spills. Use with the in-line lubricators on page 118.



1 gallon



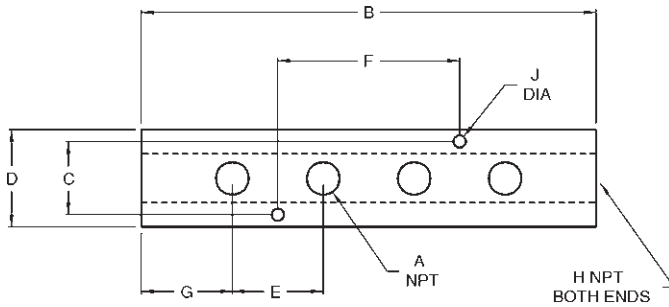
1 pint

Size	Part #	Price/E	Opt Qty
1 pint	DATL016	\$13.50	12
1 gallon	DATL128	59.00	4

Bar Manifolds

The bar manifold can be mounted on a wall or work bench, safely distributing four hose lines to a work area.

- maximum working pressure is **300 PSI** at ambient temperature (70°F)
- brass hex head plugs sold on page 311



Air Fittings

Aluminum		A	B	C	D	E	F	G	H	J
Part #	Price/E									
AMF32	\$74.10	1/4"	7-5/8"	7/8"	1-1/4"	1-7/8"	3-3/4"	1"	3/8"	.20"
AMF42	74.10	1/4"	7-5/8"	1-1/8"	1-1/2"	1-7/8"	3-3/4"	1"	1/2"	.20"
AMF43	74.10	3/8"	8"	1-1/8"	1-1/2"	2"	4"	1"	1/2"	.20"

3 in 1 Manifolds

Applications:

- supplies 3 air operated tools from a single hose, permits use of air by more than one mechanic
- mount to pipe at workbench or overhead
- different tools in the shop use different styles of couplers, mount 3 different style couplers on one manifold

NPT Inlet (1)	NPT Outlet (3)	Aluminum	
		Part #	Price/E
1/4"	1/4"	D3404	\$18.55
3/8"	1/4"	D3406	17.80
1/2"	1/4"	D3408	18.85



2 in 1 Manifolds

Applications:

- supplies 2 air operated tools from a single hose, permits use of air by more than one mechanic
- mount to pipe at workbench or overhead
- different tools in the shop use different styles of couplers, mount 2 different style couplers on one manifold
- stock quantity only

NPT Inlet (1)	NPT Outlet (2)	Aluminum	
		Part #	Price/E
1/4"	1/4"	D2404	\$10.00
3/8"	1/4"	D2406	10.00
1/2"	1/4"	D2408	10.00



Flat Hex Manifolds

The flat hex manifold is designed to lay flat on the floor, safely distributing three hose lines to the work area.

NPT Inlet (1)	NPT Outlet (3)	Brass	
		Part #	Price/E
1/4"	1/4"	3122	\$19.30
3/8"	1/4"	3132	23.15
3/8"	3/8"	3133	26.95



Safety Pop-Off Valves

Heavy Duty, High Capacity Safety Pop-Off Valves

ASME Code, National Board Certified Safety Valves are designed to protect un-fired pressure vessels from over-pressure.

- all brass construction with chrome steel ball on a precision machined brass seat
- equipped with a pull ring for manual testing
- maximum temperature **400°F (204°C)**



Preset Pressure PSI	SCFM	1/2" male NPT	
		Part #	Price/E
30	73	SV30HD	\$80.15
100	192	SV100HD	80.15
125	234	SV125HD	80.15
150	277	SV150HD	80.15
175	319	SV175HD	80.15
200	361	SV200HD	80.15

Standard Safety Pop-Off Valves

ASME Code, National Board Certified Safety Valves are designed to protect un-fired pressure vessels from over-pressure.

- Brass valves are supplied with a stainless steel ball.
- Stainless valves are all stainless construction.
- maximum operating temperature is **400°F (204°C)**



Preset Pressure PSI	SCFM	1/4" male NPT			
		Brass		Stainless Steel	
		Part #	Price/E	Part #	Price/E
30	24	SV30	\$34.10	SV30SS	\$255.55
100	64	SV100	34.10	SV100SS	255.55
125	78	SV125	34.10	SV125SS	255.55
150	92	SV150	34.10	SV150SS	255.55
175	106	SV175	34.10	SV175SS	255.55
200	120	SV200	34.10	SV200SS	255.55

Soft Seat Safety Pop-Off Valves

ASME Code, National Board Certified Safety Valve for compressed air service applications. Designed for Original Equipment Manufacturers, utilizing ASME Code un-fired pressure vessels in their finished product.

- constructed of precision machined brass bar stock, with a silicone disc seating on brass
- maximum operating temperature is **400°F (204°C)**



Preset Pressure PSI	SCFM	1/4" male NPT	
		Part #	Price/E
100	33	KSV10-100	\$15.60
125	40	KSV10-125	15.60
150	47	KSV10-150	15.60
175	54	KSV10-175	15.60

Brass Lever External Drains

- for air service only
- maximum working pressure: **30 PSI** at ambient temperature (70°F)



LDC2



LDCM2



LDCF2

Female NPT	Male NPT	Brass		Male NPT	Male NPT	Brass		Female NPT	Female NPT	Brass	
		Part #	Price/E			Part #	Price/E			Part #	Price/E
1/4"	1/4"	LDC2	\$30.40	1/4"	1/4"	LDCM2	\$33.90	1/4"	1/4"	LDCF2	\$32.25

Air Fittings

Brass External Drain Cocks

- designed for low pressure water and air applications
- maximum working pressure: **150 PSI** at ambient temperature (70°F)



NPT Size	Brass	
	Part #	Price/E
1/8"	D02	\$3.20
1/4"	D04	4.60

Brass Needle Valves

- metal-to-metal seats allow positive sealing and flow adjustment
- designed for air and water applications
- maximum working pressure: **150 PSI** at ambient temperature (70°F)



Female NPT	Female NPT	Brass		Male NPT	Male NPT	Brass	
		Part #	Price/E			Part #	Price/E
1/8"	1/8"	NV2F	\$15.50	1/4"	1/4"	NV4M	\$21.35
1/4"	1/4"	NV4F	23.10				

Brass Check Valves - Series C

- provides free flow in one direction and dependable shutoff in the opposite direction
- maximum operating pressure: **2000 PSI** at ambient temperature (70°F)
- cracking pressure: **5 PSI**
- also available in steel, see page 360



Female NPT	Free Flow GPM	Brass	
		Part #	Price/E
1/8"	3	BCV200	\$49.10
1/4"	5	BCV400	46.60
3/8"	8	BCV600	75.25
1/2"	15	BCV800	96.40

Brass Flow Control Valves

Series F

- Flow control valves provide precision flow control and full shutoff in one flow direction and automatically allow unrestricted free flow in the opposite direction.
- Two-step needle provides fine adjustments at low flow with the first three turns of the adjusting knob. The next three turns give full-open needle position and conventional throttling control.
- When flow is reversed, the heavy-duty poppet/retainer permits full-flow return capacity.
- Exclusive color coded reference scale on the adjusting knob greatly simplifies flow setting, resetting, adjusting and return to an original flow.
- A simple set screw locks the valve on any desired setting.
- maximum operating pressure: **2000 PSI** at ambient temperature (70°F) for sizes 1/8" - 3/4", **500 PSI** at ambient temperature (70°F) for 1"
- also available in steel, see page 360



Thread	Brass	
	Part #	Price/E
1/8"	BFC200	\$86.05
1/4"	BFC400	91.55
3/8"	BFC600	119.20
1/2"	BFC800	168.60
3/4"	BFC1200	266.25
1"	BFC1600	1034.30

Series PF

- Utilizes a ball type check that meters flow of air in one direction and allows free flow in the reverse direction.
- Used to control actuator speed by acting as a restriction.
- maximum operating pressure: **2000 PSI** at ambient temperature (70°F)
- cracking pressure: **5 PSI**
- also available in steel, see page 360



Thread	Brass	
	Part #	Price/E
1/8"	BPF200	\$52.55
1/4"	BPF400	64.60
3/8"	BPF600	83.70
1/2"	BPF800	123.25

Series N

- Ideal for use as speed controls on pneumatic systems where a reverse flow check valve is not needed.
- Provides excellent control and reliable shutoff in a very small envelope.
- Color coded reference scale on the adjusting knob simplifies setting, resetting, adjusting and quick return to a previous speed setting.
- maximum operating pressure: **2000 PSI** at ambient temperature (70°F) for sizes 1/8" - 3/4", **500 PSI** at ambient temperature (70°F) for 1"
- also available in steel, see page 360



Thread	Brass	
	Part #	Price/E
1/8"	BN200	\$82.30
1/4"	BN400	77.25
3/8"	BN600	110.15
1/2"	BN800	154.40
3/4"	BN1200	216.75
1"	BN1600	968.25

Air Chief Safety Blow Gun

This basic safety blow gun is designed to conform to OSHA Standard 1910.242 (B) permitting a maximum of 30 PSI outlet pressure when dead ended based on a maximum of 150 PSI inlet pressure as well as OSHA Standard 1910.95 regulating occupational noise level exposure. *Safety glasses or shield must be worn when using any blow gun.*

SAFETY
ALERT

- Blow gun body is designed to comfortably fit the contour of the hand, minimizing user fatigue.
- Large lever with black vinyl grip further adds to the ergonomic design and allows for easy air flow activation.
- Recessed internal slotted screw allows easy access to valve assembly for repairs or replacement.
- Chrome plated zinc die cast body, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and nickel plated brass tip combine for superior corrosion resistance as well as a contemporary look.
- 1/4" female NPT inlet

Part #	Price/E
D204-30	\$18.20



Note: The Air Chief safety blow gun has a safety tip which prevents buildup of tip pressure in the event the outlet is obstructed or "dead ended". It complies with the requirements for OSHA 1910.242 (B) and 1910.95 when used on air lines of 150 PSI or less.

SAFETY
ALERT

Premium Safety Blow Gun

The premium safety blow gun features a distinctive black powder coat finish to give it a rich appearance as well as long term protection from corrosion and rough handling. Designed to conform to OSHA Standard 1910.242 (B) permitting a maximum of 30 PSI outlet pressure when dead ended based on a maximum of 150 PSI inlet pressure as well as OSHA Standard 1910.95 regulating occupational noise level exposure. *Safety glasses or shield must be worn when using any blow gun.*

SAFETY
ALERT

- Blow gun body is designed to comfortably fit the contour of the hand, minimizing user fatigue.
- Large lever with vinyl grip further adds to the ergonomic design and allows for easy air flow activation.
- Zinc die cast body with a black powder coat finish, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and nickel plated brass tip.
- 1/4" female NPT inlet

Part #	Price/E
D204-30P	\$19.25



Note: The premium safety blow gun has a safety tip which prevents buildup of tip pressure in the event the outlet is obstructed or "dead ended". It complies with the requirements for OSHA 1910.242 (B) and 1910.95 when used on air lines of 150 PSI or less.

SAFETY
ALERT

Safety Air Booster Blow Gun

The multiple holes in the safety booster tip of the safety air booster gun create a venturi effect that increases air flow (working capacity) while still remaining compliant with OSHA Standard 1910.242 (B). *Safety glasses or shield must be worn when using any blow gun.*

SAFETY
ALERT

- Blow gun body is designed to comfortably fit the contour of the hand, minimizing user fatigue.
- Large lever with vinyl grip further adds to the ergonomic design and allows for easy air flow activation.
- Chrome plated zinc die cast body, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and nickel plated brass Safety Booster tip provide superior corrosion resistance.
- ¼" female NPT inlet



Part #	Price/E
D204-30SB	\$22.60

SAFETY
ALERT

Note: The safety air booster blow gun has a safety tip which prevents buildup of tip pressure in the event the outlet is obstructed or "dead ended". It complies with the requirements for OSHA 1910.242 (B) and 1910.95 when used on air lines of 150 PSI or less.

Non-Safety Brass Tip Blow Gun

The ventless, nickel-plated tip provides the most economical means of achieving a concentrated stream of air for many blow-off applications. All other components and design features are the same as our Air Chief safety blow gun (D204-30). *Must be used on air lines having a maximum regulated pressure of 30 PSI in order to comply with OSHA Standard 1910.242 (B). Safety glasses or shield must be worn when using any blow gun.*

SAFETY
ALERT

- Blow gun body is designed to comfortably fit the contour of the hand, minimizing user fatigue.
- Large lever with vinyl grip further adds to the ergonomic design and allows for easy air flow activation.
- Chrome plated zinc die cast body, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and ventless, nickel plated brass tip provide superior corrosion resistance.
- ¼" female NPT inlet



Part #	Price/E
D605	\$17.80

SAFETY
ALERT

Caution: This blow gun **does not** have a safety by-pass to prevent buildup of tip pressure in the event of tip blockage. It may be used for cleaning purposes only if the air supply (inlet pressure) has been reduced to 30 PSI or less.

Non-Safety Rubber Tipped Blow Gun

The rubber tip will not scratch or mar delicate surfaces. The conical, rubber tip can also be used to create a seal between the blow gun and fluid lines (or any other opening). Base of the tip is nickel-plated brass for additional corrosion resistance. *Must be used on air lines having a maximum regulated pressure of 30 PSI in order to comply with OSHA Standard 1910.242 (B). Safety glasses or shield must be worn when using any blow gun.*

SAFETY
ALERT

- Blow gun body is designed to comfortably fit the contour of the hand, minimizing user fatigue.
- Large lever with vinyl grip further adds to the ergonomic design and allows for easy air flow activation.
- Chrome plated zinc die cast body, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and rubber tip with a nickel plated brass base provide superior corrosion resistance.
- ¼" female NPT inlet



Part #	Price/E
D201	\$21.10

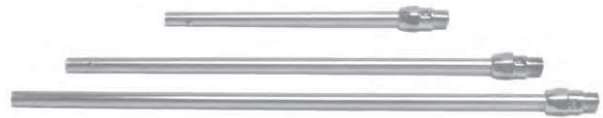
SAFETY
ALERT

Caution: This blow gun **does not** have a safety by-pass to prevent buildup of tip pressure in the event of tip blockage. It may be used for cleaning purposes only if the air supply (inlet pressure) has been reduced to 30 PSI or less.

Blow Gun Extensions

These extension tips allow easier access to blow-off applications in high or hard to reach places. Supplied with 1/8" male NPT connections. Can be used with all Dixon Air Chief lever operated blow guns as well as most blow guns from other manufacturers. Made from a brass base with a rugged steel extension tube, all nickel plated.

Size Extension	Part #	Price/E
6"	BGE6	\$13.40
10"	BGE10	16.65
12"	BGE12	17.95
18"	BGE18	28.70
24"	BGE24	31.45



Air Fittings

Blow Gun Tips

Nickel plated brass safety tip with 1/8" male NPT connection can be used with all Dixon Air Chief lever operated blow guns as well as most blow guns from other manufacturers.

Part #	Price/E
SST10	\$3.05



Rubber non-safety tip with nickel-plated brass 1/8" male NPT connection can be used with all Dixon Air Chief lever operated blow guns as well as most blow guns from other manufacturers.

Part #	Price/E
D201RT	\$7.75



Cannon Blow Guns

High Volume Cannon® Blow Gun

Ideal where a large air supply is available to move heavy, stubborn debris. Designed for, but not limited to, outdoor use. Compliant with OSHA Standard 1910.242 (B). *Safety glasses or shield must be worn when using any blow gun.*

- 3/4" female NPT inlet
- minimum inlet pressure 90 PSI on 1/2" hose

- consumes 135 CFM at 100 PSI
- 48" long extension

SAFETY
ALERT

Part #	Price/E
9000-48S	\$367.00



Multi-Jet Cannon® Blow Gun

Ideal where a large air supply is available to move heavy, stubborn debris. Designed for, but not limited to, outdoor use. Compliant with OSHA Standard 1910.242 (B). *Safety glasses or shield must be worn when using any blow gun.*

- 3/4" female NPT inlet
- minimum inlet pressure 90 PSI on 1/2" hose

- consumes 120 CFM at 100 PSI
- 2" long extension

SAFETY
ALERT

Part #	Price/E
9000-MJ	\$383.00



Heavy Duty - High Volume Blow Guns

- heavy duty - high volume safety blow guns
- requires high volume coupler and plug for optimum performance
- lightweight and ergonomic
- pistol grip / hanging hook handle
- made from high quality aluminum casting
- maximum operating pressure: **150 PSI**
- 1/4" female NPT inlet
- Safety glasses or shield must be worn when using any blow gun.*

SAFETY
ALERT

Blow Gun with Safety Tip



- reduced to 30 PSI when tip is blocked

Part #	Description	Price/E
HTBG	gun with <i>no</i> extension	\$62.75
HTBG6	gun with 6" extension	64.25
HTBG12	gun with 12" extension	67.00
HTBG24	gun with 24" extension	72.00
HTBG36	gun with 36" extension	79.00

SAFETY
ALERT

Note: The safety air booster blow gun has a safety tip which prevents buildup of tip pressure in the event the outlet obstructed or "dead ended". It complies with the requirements for OSHA 1910.242 (B) and 1910.95 when used on air lines of 150 PSI or less.

Blow Gun with Quiet Conical Tip



- 7.0 CFM

Part #	Description	Price/E
HTBG-CT	gun with tip only	\$55.00

Accessories

Part #	Description	Material	Price/E	Part #	Description	Material	Price/E
HTBG6EXT	6" extension with safety tip	aluminum	\$40.00	HTBGS	safety tip	aluminum	\$28.00
HTBG12EXT	12" extension with safety tip	aluminum	43.00	HTBGC	conical tip	aluminum	28.50
HTBG24EXT	24" extension with safety tip	aluminum	48.75	HTBGA	tip adapter	aluminum	7.70
HTBG36EXT	36" extension with safety tip	aluminum	54.50	DC41	high flow female coupler	brass	62.30
				DCP41	high flow male plug	brass	12.50

High Volume Typhoon Blow Guns

- chrome plated aluminum body
- variable flow control
- silicone free for use in paint applications
- 1/4" female NPT inlet
- 34 CFM at 125 PSI
- Compliant with OSHA Standard 1910.242 (B). *Safety glasses or shield must be worn when using any blow gun.*

SAFETY
ALERT



Part #	Description	Price/E
TYP2501-12	gun with 12" extension	\$87.75
TYP2501-24	gun with 24" extension	92.50
TYP2501-36	gun with 36" extension	100.60

Pistol Grip Safety Blow Gun

- conforms to U.S. Department of Labor, OSHA Standard 1910.242 (B) allowing a maximum of 30 PSI outlet pressure at the nozzle when dead-ended
- conforms to U.S. Department of Labor, OSHA Standard 1910.95 regulating noise level exposure
- conforms to Title 41, Walsh-Healy Rules and Regulations P50-204.8, Safety and Health Standards
- Contoured pistol-grip for safe, comfortable handling, even with greasy hands.
- convenient hang-up hook
- 1/4" female NPT inlet
- *Safety glasses or shield must be worn when using any blow gun.*

SAFETY
ALERT



Part #	Price/E
PG700	\$55.90

☰
Air
Fittings

Extended Nozzle Pistol Grip Safety Blow Gun

- conforms to U.S. Dept. of Labor, OSHA Standard 1910.242 (B) allowing a maximum of 30 PSI outlet pressure at the nozzle when dead-ended
- conforms to U.S. Dept. of Labor, OSHA Standard 1910.95 regulating noise level exposure
- conforms to Title 41, Walsh-Healy Rules and Regulations P50-204.8 Safety and Health Standards
- Slender 4" extended nozzle allows access to hard to reach places and holes as small as .200".
- variable output trigger enables user to control air flow
- Hook design near trigger provides finger protection as well as easy storage.
- lightweight to help minimize user fatigue.
- Side holes allow air to escape if nozzle tip is dead-ended, thus preventing back pressure buildup.
- pressure rating: **150 PSI**
- 1/4" female NPT inlet
- *Safety glasses or shield must be worn when using any blow gun.*

SAFETY
ALERT



Part #	Price/E
ENBG1	\$35.00

Polyurethane Whip Hose

fittings included

- bright orange
- for use with jack hammers, chipping hammers, rock drills and other large pneumatic tools
- 1/2" male NPT swivels on each end
- abrasion resistant
- oil and grease resistant
- working pressure: **200 PSI at 70°F**
- strain relief steel spring bend restrictors

Hose ID	Length	Male NPT	Part #	Price/E
1/2"	6'	1/2"	PFD068	\$130.00
1/2"	10'	1/2"	PFD108	147.00
1/2"	25'	1/2"	PFD125	210.00

Polyurethane Air Hose

fittings included

A sturdy, nylon-reinforced braid between the inner and outer tube allows for a higher working pressure.



- durable
- lightweight
- excellent flexibility
- oil resistant
- durometer: Shore A 85
- temperature range: **-40°F to 155°F**
- working pressure: **210 PSI at 70°F**

Hose ID	Length	Male NPT	Part #	Price/E
1/4"	50'	1/4"	450-4S	\$74.25
3/8"	50'	1/4"	650-4S	143.00
3/8"	50'	3/8"	650-6S	146.00

Polyurethane Self-Storing Air Hose

fittings included

- extremely flexible - resists kinking
- impervious to abrasions, heat and oil
- superior elasticity and coil memory
- blue
- Polyurethane working pressure: **125 PSI at 70°F**
- both ends swivel



Hose ID	Length	Male NPT	Part #	Price/E
1/4"	10'	1/4"	PU1410	\$37.15
1/4"	15'	1/4"	PU1415	42.85
1/4"	25'	1/4"	PU1425	51.35
3/8"	15'	3/8"	PU3815	70.00
3/8"	20'	3/8"	PU3820	85.75
3/8"	25'	3/8"	PU3825	98.00
3/8"	50'	3/8"	PU3850	193.50
1/2"	15'	1/2"	PU1215	137.75

Repair Kits

Tubing Size		Size	Type	Part #	Price/E
ID	OD				
1/4"	3/8"	1/4"	swivel male	PSM0404	\$10.15
3/8"	9/16"	1/4"	swivel male	PSM0604	13.80

Coil-Chief Self-Storing Air Hose

- yellow
- nylon working pressure: **200 PSI** at **70°F**
- Coil-Chief comes standard with swivel on one end

bulk hose - no fittings

Hose ID	Length	Part #	Price/E
1/4"	100'	CC14100B	\$123.25
3/8"	100'	CC38100B	236.00
1/2"	100'	CC12100B	400.00

Note: bulk hose needs assembly kits for ends

fittings included

Hose ID	Length	Male NPT	Part #	Price/E
1/4"	12'	1/4"	CC1412	\$31.50
1/4"	25'	1/4"	CC1425	43.80
1/4"	50'	1/4"	CC1450	78.10
3/8"	25'	3/8"	CC3825	76.50
3/8"	50'	3/8"	CC3850	134.50
1/2"	25'	1/2"	CC1225	154.00
1/2"	50'	1/2"	CC1250	234.50



Air
Fittings

Repair Kits

- Repair / assembly kits include fittings, nut, insert, ferrule and spring guard.

Size	Fitting Type	Part #	Price/E
1/4"	rigid male	RK090	\$7.30
1/4"	swivel male	RK092	9.65
3/8"	rigid male	RK110	10.15
3/8"	swivel male	RK112	13.75
1/2"	rigid male	RK118	21.50
1/2"	swivel male	RK119	24.55

Tire Pressure Gauges and Accessories

Heavy Duty Tire Gauge



- 12" hose with swivel dual foot chuck inflator
- tapered chuck nut fits wheel cover holes on cars and light trucks
- calibrated in 2 PSI increments from **10 to 120 PSI**

Part #	Price/E
D101	\$100.20

Passenger Car Tire Gauge



- 12" hose with straight-on chuck
- straight chuck nut fits wheel cover holes on cars and light trucks
- ideal for use on wells and reels
- calibrated in 2 PSI increments from **10 to 90 PSI**

Part #	Price/E
D150	\$74.50

Professional Tire Pressure Gauge



- permanently lubricated
- easy to read, dual calibrated (PSI and kPa), four-sided nylon indicator bar
- body is made of chrome-plated brass, head is chrome-plated zinc
- pocket clip
- calibrated in 2 PSI increments from **10 to 50 PSI**

Part #	Price/E
DFG5	\$11.90

Dual Foot Gauges



- heavy duty hang-up ring
- calibrated in 2 PSI increments from **10 to 130 PSI**

Part #	Price/E
DFG2	\$35.80



- handy pocket clip
- calibrated in 2 PSI increments from **20 to 120 PSI**

Part #	Price/E
DFG1	\$17.40

Brass Tire Inflator Chuck



- ball foot chuck
- for direct connection to live air only
- features a built-in shutoff valve (will not work on inflator gauges)
- 1/4" NPT female thread
- maximum pressure is **300 PSI**

Part #	Price/E	Opt Qty
D104	\$7.90	10

Ball and Push-On Ball Swivels

Ball Swivels

- brass and hardened steel construction
- O-ring seals
- wobble action for increased flexibility with air driven tools

Hose Size	Male NPT	Part #	Price/E	Opt Qty
1/4"	1/4"	D444S	\$21.15	25
3/8"	1/4"	D446S	15.40	25



☰
Air
Fittings

Push-On Ball Swivels

- special barb design for secure grip in push-on type air hoses

Hose Size	Male NPT	Part #	Price/E	Opt Qty
1/4"	1/4"	D444SL	\$16.45	25
3/8"	1/4"	D446SL	17.05	25



In-Line Swivels

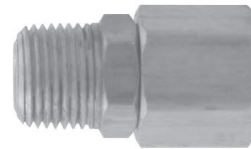
- heavy-duty, free turning steel swivel
- *for air service only*
- rated to **250 PSI** at ambient temperature (70°F), minimum **35 PSI**

Male NPT	Female NPT	Steel	
		Part #	Price/E
3/8"	1/2"	SV17	\$70.90
1/2"	1/2"	SV20	72.30
3/4"	3/4"	SV26	75.60



- *for air service only*
- rated to **150 PSI** at ambient temperature (70°F)

Male NPT	Female NPT	Brass	
		Part #	Price/E
1/4"	1/4"	D344R	\$10.50
3/8"	3/8"	D366R	22.75



Steel Bent Stem Swivels

- bent stem swivels are designed for normal operation at **90 PSI** at ambient temperature (70°F)

1/2" hose barb



- 7/8" thread fits the following tool brands:
Ingersoll-Rand, Thor, Black & Decker, Harper, Jet, Texas Pneumatic, Kent and Sullair
- 1/2" thread fits all tools with 1/2" female NPT thread

Description	Steel		Opt Qty
	Part #	Price/E	
7/8" - 24 thread x 1/2" hose barb	ATS7812H	\$49.60	50
1/2" NPT thread x 1/2" hose barb	ATS1212H	49.60	50

3/8" female pipe thread



- 7/8" thread fits most chipping hammers

Description	Steel		Opt Qty
	Part #	Price/E	
7/8" - 24 thread x 3/8" female NPT	ATS7838F	\$65.15	25

3/8" male pipe thread



- 7/8" thread fits most chipping hammers

Description	Steel		Opt Qty
	Part #	Price/E	
7/8" - 24 thread x 3/8" male NPT	ATS7838M	\$49.60	50

Air Tool Swivels



- swivels at two locations so air hose can drop directly to the floor
- rated to **150 PSI** at ambient temperature (70°F)

Size	Aluminum	
	Part #	Price/E
1/4"	D344U ¹	\$49.05
3/8"	D346U	134.55
1/2"	D348U	176.05

¹ D344U is a non-marring composite.

Spring Driven Hose Reels

Reelcraft® 5000 Series

- reel inlet 3/8" NPTF
- all steel construction
- full shaft and swivel
- furnished standard with PVC hose
- maximum temperature is **150°F**
- Compressed air hose should not be converted to oxygen service. Compressed air hoses are often contaminated with an oil coating, which can react explosively when oxygen is introduced.

SAFETY
ALERT

with hose

Hose ID	Hose Length	Service	PSI	Weight lbs.	Part #	Price/E
1/4"	50'	air / water	300	26	5450LP	\$730.60
3/8"	35'	air / water	300	25	5635LP	694.55
3/8"	50'	air / water	300	37	5650LP	838.85

without hose

Hose Capacity	Service	PSI	Weight lbs.	Part #	Price/E
50' of 1/4" or 35' of 3/8"	air / water	500	21	5600LP	\$598.30
50' of 3/8"	air / water	500	31	5605LP	697.55



☰
Air
Fittings

Reelcraft® 7000 Series

- all steel construction
- "LP" Low Pressure reels:
 - maximum temperature **150°F**
 - reel inlet 1/2" NPTF
 - PVC hose is standard
- "MP" Medium Pressure reels:
 - maximum temperature **210°F**
 - reel inlet 1/2" NPTF
 - SAE 100 R1T 1-wire braid hose available
- "HP" High Pressure reels:
 - maximum temperature **210°F**
 - reel inlet 1/4" NPTF
 - SAE 100 R2T 2-wire braid hose available

with hose

Hose ID	Hose Length	Service	PSI	Weight lbs.	Part #	Price/E
3/8"	70'	air / water	300	50	7670LP	\$1115.45
1/2"	50'	air / water	300	51	7850LP	1091.40

without hose

Hose Capacity	Service	PSI	Weight lbs.	Part #	Price/E
70' of 3/8", 50' of 1/2"	air / water	500	43	7800LP	\$880.90
50' of 3/8" or 50' of 1/2"	oil	3000	44	7800MP	1025.25
50' of 1/4" or 50' of 3/8"	grease	5000	46	7600HP	1184.60



Reelcraft® 8000 Series

- reel inlet 3/4" NPTF
- Five-in-one heat treated aluminum casting incorporates main shaft, ratchet, spring arbor and inlet/outlet plumbing in one piece casting.
- furnished standard with PVC hose
- The most compact 3/4" x 50' hose reel of its capacity available.
- maximum temperature is **150°F with hose**
- maximum temperature is **210°F without hose**

with hose

Hose ID	Hose Length	Service	PSI	Weight lbs.	Part #	Price/E
1/2"	75'	air / water	300	90	82075LP	\$1671.65
1/2"	100'	air / water	300	99	82100LP	1740.80
3/4"	50'	air / water	250	89	83050LP	1671.65

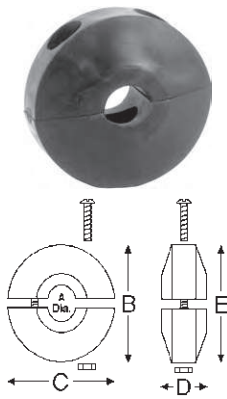
without hose

Hose Capacity	Service	PSI	Weight lbs.	Part #	Price/E
50' of 3/4" or 100' of 1/2"	air / water	500	74	83000LP	\$1476.25



See next page for bumper stops.
Consult factory for uses
other than stated services.

Adjustable Hose Bumper Stops



Hose ID	Hose OD		Dimensions		Reel Series Used On	Part #	Price/E
	From:	To:	B,C,E	D			
1/4"	.438"	.625"	2-1/2"	1-1/4"	5000 series	1-HR1004A	\$29.20
3/8"	.625"	.749"	2-1/2"	1-1/4"	5000 series	1-HR1004	29.20
3/8"	.625"	.749"	3"	1-1/4"	7000 series	1-HR1004-3	29.20
1/2" or 3/8" 2-wire	.750"	1.050"	3"	1-1/4"	7000 series	2-HR1004-3	29.20
3/4"	1.060"	1.300"	3"	1-1/4"	7000 series	3-HR1004-3	29.20
1/2"	.750"	1.050"	3-1/2"	2-7/8"	9000 series	2-HR1005	67.50
3/4"	1.060"	1.380"	3-1/2"	2-7/8"	9000 series	3-HR1005	67.50
1"	1.390"	1.550"	3-1/2"	2-7/8"	9000 series	4-HR1005	67.50

Adjustable Hose Bumper Stops are not included on hose reels ordered without hose. Order separately.

Reelcraft® 30,000 Manual Driven Hose Reels



- unitized construction: reel frame, spool and drum are fabricated from heavy gauge steel
- all bolted construction - no welds
- manual driven standard
- motor drive available
- 1/2" inlet

without hose

Hose ID	Hose Capacity	Spool Width	PSI	Weight lbs.	Part #	Price/E
3/4"	100'	12"	1000	46	C33112L	\$790.75
1/2"	200'	12"	3000	46	C32112M	679.50

Hose Racks



- can be used for fire or water hose
- fabricated of heavy, 12 gauge sheet steel for rugged industrial and shipboard use
- provides compact and economical hose storage
- curved saddle design avoids sharp bends in the hose prolonging hose life
- red enamel finish

Hose Size	Hose Capacity			Wt. Lbs.	Part #	Price/E
	Rack	Single Jacket	Double Jacket			
1 1/2" - 1 3/4"	50'	---	---	---	HR1610-3	\$110.65
1 1/2" - 1 3/4"	100'	---	---	---	HR1610-6	130.15
1 1/2" - 2 1/2"	200'	150'	100'	7.8	HR1610	162.80
2" - 2 1/2"	50'	---	---	---	HR1610-4	119.45

Hung Up On Dixon Hose Racks



DHR1
single hose rack



DHR2
double hose rack
(hose not included)

- can be used for fire or water hose
- aluminum rack can be easily mounted
- single and double racks have 5 pre-drilled 5/16" mounting holes
- two racks can be bolted face to face to create extra hose capacity
- single rack overall dimensions 19-1/2" x 6" x 9-3/16"
- double rack overall dimensions 19-1/2" x 12" x 9-3/16"

Description	Weight lbs.	Part #	Price/E
single hose rack	3.5	DHR1	\$213.80
double hose rack	9.5	DHR2	444.15

Instrumentation Fittings

Applications:

- high pressure
- high temperature
- nitrogen
- helium
- flammable gases
- hydraulic gases
- corrosive media

Instrumentation fittings come completely assembled.

Installation Instructions:

1. Cut tubing squarely and clean tube end thoroughly to remove burrs.
2. Insert the tubing into the assembly making sure the tubing seats firm against the shoulder of the body and the nut is finger tight.
3. Tighten the nut with a wrench 1¼ turns, while holding the body with a second wrench.

Suggested Working Pressures

Wall thk.	.028	.035	.049	.065	.083	.095	.109
1/4"	4,000	5,100	7,500	10,100	---	---	---
3/8"	---	3,300	4,700	6,600	---	---	---
1/2"	---	2,600	3,700	5,000	6,600	---	---
5/8"	---	---	2,900	3,900	5,200	6,000	---
3/4"	---	---	2,400	3,200	4,200	4,900	5,700

Features:

- fully interchangeable with Swagelok® and Parker A-Lok® fittings
- double collet (ferrule) swaging action
- two positive seal points
- ASTM material construction
- material: 316 stainless steel
- temperature ratings: **-325°F to 1200°F** (-198°C to 648°C)
- pressure ratings: see chart to the left
Ratings listed are for reference only.

Safety Guidelines:

- Never connect, disconnect or remake a fitting with pressure in the system.
- Make sure all fittings are properly installed.
- It is not recommended to go beyond the pressure rating of the tubing. Elongation could occur in the tubing, shrinking the wall thickness and cause potential harm.
- For proper sealing it is recommended that the tubing and fittings be of like material.
- Always use proper thread lubricant and sealants on tapered pipe threads.
- Never bleed a system by loosening a fitting.

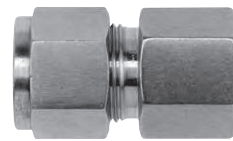
Male Connectors

Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/4"	1/8"-27	400-1-2	4-DMC-2	\$15.20	10
	1/4"-18	400-1-4	4-DMC-4	16.55	10
	3/8"-18	400-1-6	4-DMC-6	18.65	10
	1/2"-14	400-1-8	4-DMC-8	24.75	10
3/8"	1/4"-18	600-1-4	6-DMC-4	19.50	10
	3/8"-18	600-1-6	6-DMC-6	22.05	10
	1/2"-14	600-1-8	6-DMC-8	26.55	10
1/2"	1/4"-18	810-1-4	8-DMC-4	28.90	10
	3/8"-18	810-1-6	8-DMC-6	29.70	10
	1/2"-14	810-1-8	8-DMC-8	32.85	10
5/8"	1/2"-14	1010-1-8	10-DMC-8	44.85	10
3/4"	1/2"-14	1210-1-8	12-DMC-8	60.40	10
	3/4"	1210-1-12	12-DMC-12	60.40	10



Female Connectors

Tube OD	Female NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/4"	1/8"-27	400-7-2	4-DFC-2	\$18.70	10
1/4"	1/4"-18	400-7-4	4-DFC-4	23.10	10
3/8"	1/4"-18	600-7-4	6-DFC-4	23.95	10
3/8"	1/2"-14	600-7-8	6-DFC-8	41.50	10
1/2"	1/2"-14	810-7-8	8-DFC-8	46.25	10



Male Elbows

Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/4"	1/8"-27	400-2-2	4-DME-2	\$28.30	10
	1/4"-18	400-2-4	4-DME-4	28.30	10
3/8"	1/4"-18	600-2-4	6-DME-4	33.95	10
	3/8"-18	600-2-6	6-DME-6	40.75	10
1/2"	1/2"-14	810-2-8	8-DME-8	59.95	10
3/4"	1/2"-14	1210-2-8	12-DME-8	92.45	10
	3/4"	1210-2-12	12-DME-12	103.10	10

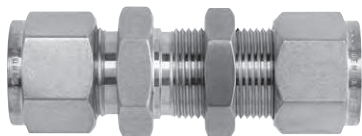


Instrumentation Fittings**Union Tees**

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-3	4-DTTT-4	\$55.20	10
3/8"	600-3	6-DTTT-6	76.20	10
1/2"	810-3	8-DTTT-8	109.10	10

Unions

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4" x 1/4"	400-6	4-DU	\$23.85	10
3/8" x 1/4"	600-6-4	6-DU-4	33.10	10
3/8" x 3/8"	600-6	6-DU	33.10	10
1/2" x 1/2"	810-6	8-DU	50.00	10

Bulkhead Unions

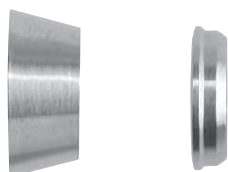
Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-61	4-DBHU-4	\$32.85	10
3/8"	600-61	6-DBHU-6	47.55	10
1/2"	810-61	8-DBHU-8	75.90	10

Front Ferrules

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	403-1	DFC-4	\$3.15	10
3/8"	603-1	DFC-6	3.20	10
1/2"	813-1	DFC-8	3.90	10

Rear Ferrules

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	404-1	DRC-4	\$2.40	10
3/8"	604-1	DRC-6	2.95	10
1/2"	814-1	DRC-8	3.85	10

Ferrule Sets

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400SET	DCSET-4-10	\$4.90	10
3/8"	600SET	DCSET-6-10	6.40	10
1/2"	800SET	DCSET-8-10	7.55	10

Nuts

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	402-1	DN-4	\$4.50	10
3/8"	602-1	DN-6	6.25	10
1/2"	812-1	DN-8	10.00	10

Instrumentation Fittings**Union Elbows**

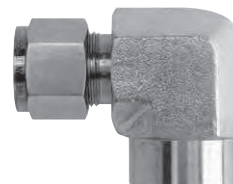
Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-9	4-DELU-4	\$38.70	10
3/8"	600-9	6-DELU-6	43.50	10
1/2"	810-9	8-DELU-8	65.10	10

**Reducers**

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4" x 1/8"	400-R-2	4-DRATT-2	\$24.50	10
3/8" x 1/4"	600-R-4	6-DRATT-4	24.50	10
3/8" x 1/2"	600-R-8	6-DRATT-8	25.25	10
1/2" x 3/4"	810-R-12	8-DRATT-12	32.05	10
3/4" x 1/2"	1210-R-8	12-DRATT-8	62.25	10

**Female Elbows**

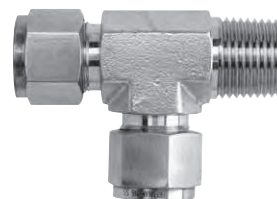
Tube OD	Female NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/4"	1/4"-18	400-8-2	4-DFE-2	\$40.70	10
3/8"	1/4"-18	600-8-4	6-DFE-4	41.35	10
1/2"	1/2"-14	810-8-8	8-DFE-8	80.00	10

**Male Branch Tee**

Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/4"	1/4"-18	400-3-4TTM	4-DTTM-4	\$56.00	10

**Male Run Tees**

Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/4"	1/4"-18	400-3-4TMT	4-DTMT-4	\$56.00	10
3/8"	1/4"-18	600-3TMT	6-DTMT-4	59.40	10

**Caps**

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-C	4-DCAP	\$12.75	10
3/8"	600-C	6-DCAP	15.90	10
1/2"	810-C	8-DCAP	26.45	10

**Plugs**

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-P	4-DFPLUG	\$11.10	10
3/8"	600-P	6-DFPLUG	12.80	10
1/2"	810-P	8-DFPLUG	19.00	10



Air Fittings

Brass SAE 45° Flare Fittings

Advantages:

- economical fitting resists mechanical pullout
- easy to disassemble and may be reassembled repeatedly, for a leak-proof connection
- manufactured from CA 360, CA 345, or CA377 brass
- manufactured especially for hard-to-hold liquids and gases

Specifications:

- Listed with Underwriter's Laboratories for flammable liquid, marine, refrigeration and gas applications. Meets functional requirements of SAE J512 and J513, ASA and MS (Military Standards).
- temperature range: **-65°F to 250°F**

Applications:

- use with copper, brass, aluminum and welded steel hydraulic tubing that can be flared

Working Pressure Ranges:

Temperature and type of tubing used are important factors, the following table is a good guide for proper selection. The PSI rating given is based on a temperature of **73°F** using copper tubing.

PSI	Tube OD	Tube Wall
1400	1/4"	.030
1000	3/8"	.032
750	1/2"	.032
650	5/8"	.035
550	3/4"	.035

Assembly Instructions:

1. Cut tubing squarely and clean tube end thoroughly to remove burrs.
2. Place nut onto tube. Place threaded end of nut toward end of tube.
3. Flare tube end with flaring tool to provide 45° flare. (flare tools are available, please contact the factory for pricing and availability)
4. Clamp tube flare between nut and nose of fitting body by screwing nut on finger-tight. Tighten with a wrench an additional ¼ turn for a metal-to-metal seal.

Long Nuts



- long nut offers additional vibration capacity
- reference SAE 010111

Tube Size	Straight Thread	Hex	Brass	
			Part #	Price/E
1/4"	7/16-20	9/16"	41FL-4	\$2.40
3/8"	5/8-18	3/4"	41FL-6	6.35
1/2"	3/4-16	7/8"	41FL-8	7.80

Short Nuts



- short nut may be used when vibration is minimal
- reference SAE 010110

Tube Size	Straight Thread	Hex	Brass	
			Part #	Price/E
1/4"	7/16-20	9/16"	41FS-4	\$1.70
3/8"	5/8-18	3/4"	41FS-6	3.05
1/2"	3/4-16	7/8"	41FS-8	4.30

Brass SAE 45° Flare Fittings**Unions**

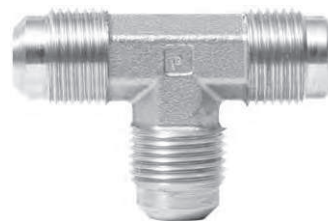
- reference SAE 010101

Tube Size	Straight Thread	Hex	Brass	
			Part #	Price/E
1/4"	7/16-20	7/16"	42F-4	\$1.85
3/8"	5/8-18	5/8"	42F-6	4.20
1/2"	3/4-16	3/4"	42F-8	5.30

**Union Tees**

- reference SAE 010401

Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/4"	7/16-20	144F-4	\$7.35
3/8"	5/8-18	144F-6	12.10
1/2"	3/4-16	144F-8	14.55

**Female Connectors**

- reference SAE 010103

Tube Size	Pipe Size	Straight Thread	Hex	Brass	
				Part #	Price/E
1/4"	1/4"	7/16-20	11/16"	46F-4-4	\$3.70
1/4"	3/8"	7/16-20	13/16"	46F-4-6	6.45
3/8"	1/4"	5/8-18	11/16"	46F-6-4	4.30
3/8"	3/8"	5/8-18	13/16"	46F-6-6	7.00
3/8"	1/2"	5/8-18	1"	46F-6-8	11.65
1/2"	1/4"	3/4-16	3/4"	46F-8-4	6.70
1/2"	3/8"	3/4-16	13/16"	46F-8-6	6.80
1/2"	1/2"	3/4-16	1"	46F-8-8	10.65
5/8"	3/8"	7/8-14	7/8"	46F-10-6	10.60

**Male Connectors**

- reference SAE 010102

Tube Size	Pipe Size	Straight Thread	Hex	Brass	
				Part #	Price/E
1/4"	1/4"	7/16-20	9/16"	48F-4-4	\$2.20
1/4"	3/8"	7/16-20	11/16"	48F-4-6	3.85
1/4"	1/2"	7/16-20	7/8"	48F-4-8	11.25
3/8"	1/8"	5/8-18	5/8"	48F-6-2	4.20
3/8"	1/4"	5/8-18	5/8"	48F-6-4	3.25
3/8"	3/8"	5/8-18	11/16"	48F-6-6	3.65
3/8"	1/2"	5/8-18	7/8"	48F-6-8	5.40
1/2"	1/4"	3/4-16	3/4"	48F-8-4	6.65
1/2"	3/8"	3/4-16	3/4"	48F-8-6	4.30
1/2"	1/2"	3/4-16	7/8"	48F-8-8	5.85
5/8"	3/8"	7/8-14	7/8"	48F-10-6	6.20
3/4"	3/4"	1-1/16-14	1-1/16"	48F-12-12	11.75



Brass SAE 45° Flare Fittings**Male Elbows**

- reference SAE 010202



Tube Size	Pipe Size	Straight Thread	Brass	
			Part #	Price/E
1/4"	1/8"	7/16-20	149F-4-2	\$3.95
1/4"	1/4"	7/16-20	149F-4-4	6.25
1/4"	3/8"	7/16-20	149F-4-6	11.40
3/8"	1/4"	5/8-18	149F-6-4	7.65
3/8"	3/8"	5/8-18	149F-6-6	8.60
3/8"	1/2"	5/8-18	149F-6-8	10.60
1/2"	1/4"	3/4-16	149F-8-4	11.20
1/2"	3/8"	3/4-16	149F-8-6	8.05
1/2"	1/2"	3/4-16	149F-8-8	8.35
5/8"	1/2"	7/8-14	149F-10-8	10.40
3/4"	3/4"	1-1/16-14	149F-12-12	19.65

Female Elbows

- reference SAE 010203



Tube Size	Pipe Size	Straight Thread	Brass	
			Part #	Price/E
1/4"	1/8"	7/16-20	150F-4-2	\$5.90
1/4"	1/4"	7/16-20	150F-4-4	10.35
3/8"	1/4"	5/8-18	150F-6-4	11.00
3/8"	3/8"	5/8-18	150F-6-6	13.95
3/8"	1/2"	5/8-18	150F-6-8	21.05
1/2"	3/8"	3/4-16	150F-8-6	14.00
1/2"	1/2"	3/4-16	150F-8-8	15.85

Union Elbows

- reference SAE 010201



Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/4"	7/16-20	155F-4	\$8.30
3/8"	5/8-18	155F-6	13.25
1/2"	3/4-16	155F-8	11.25

45° Elbows

- reference SAE 010302



Tube Size	Pipe Size	Straight Thread	Brass	
			Part #	Price/E
1/4"	1/4"	7/16-20	159F-4-4	\$9.05
3/8"	1/4"	5/8-18	159F-6-4	6.95
3/8"	3/8"	5/8-18	159F-6-6	6.30
1/2"	1/4"	3/4-16	159F-8-4	18.25
1/2"	3/8"	3/4-16	159F-8-6	6.65
1/2"	1/2"	3/4-16	159F-8-8	12.60

90° Swivel Elbows

Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/4"	7/16-20	166FSV-4-4	\$12.65
3/8"	5/8-18	166FSV-6-6	15.70
1/2"	3/4-16	166FSV-8-8	21.15

Brass Compression Fittings

Advantages:

- no flaring, soldering or other preparation of tubing necessary to assemble
- manufactured for low and medium pressure tubing connection work where excessive vibration or tube movement is not involved

Specifications:

Underwriter's Laboratories listed for flammable liquid. Compression fittings meet functional requirements of SAE J-512 and ASA.

Applications:

- use with copper, aluminum and Parflex thermoplastic tubing
- not recommended for steel tubing
- not recommended for application using gaseous media

Assembly Instructions:

1. Slide nut, then sleeve onto tubing. The thread end of the nut must face out.
2. Insert the tube into the fitting. Be sure the tube is bottomed on the fitting shoulder.
3. Assemble nut to body, and tighten hand-tight. Then follow the number of wrench turns as indicated in the table to the right.

Fitting Size	Tube Size	Turns required to seal from hand-tight	
		60C Series with soft metal tubing	60PT Series with thermoplastic tubing
2	1/8	1-1/4	-
3	3/16	1-1/4	-
4	1/4	1-1/4	2
5	5/16	1-1/4	2
6	3/8	2-1/4	2
8	1/2	2-1/4	2
10	5/8	2-1/4	2
12	3/4	2-1/4	2
14	7/8	2-1/4	-

Air Fittings

Delrin® Sleeves



Tube Size	Delrin®	
	Part #	Price/E
1/4"	60PT-04	\$0.75
5/16"	60PT-05	0.94
3/8"	60PT-06	0.85
1/2"	60PT-08	1.03
5/8"	60PT-10	1.50

Brass Sleeves



- reference SAE 060115

Tube Size	Brass	
	Part #	Price/E
1/8"	60C-02	\$0.71
3/16"	60C-03	0.71
1/4"	60C-04	0.71
5/16"	60C-05	0.71
3/8"	60C-06	0.71
7/16"	60C-07	1.69
1/2"	60C-08	1.03
5/8"	60C-10	1.41
3/4"	60C-12	1.92
7/8"	60C-14	4.02

Long Nuts



- reference SAE 060111

Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/4"	7/16-24	61CL-04	\$2.79
5/16"	1/2-24	61CL-05	13.16
3/8"	9/16-24	61CL-06	4.81
1/2"	11/16-20	61CL-08	8.60
5/8"	13/16-18	61CL-10	17.75
3/4"	1-18	61CL-12	18.37

Nuts



- reference SAE 060110

Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/8"	5/16-24	61C-02	\$1.09
3/16"	3/8-24	61C-03	1.17
1/4"	7/16-24	61C-04	1.11
5/16"	1/2-24	61C-05	1.50
3/8"	9/16-24	61C-06	1.36
7/16"	5/8-24	61C-07	3.23
1/2"	11/16-20	61C-08	2.90
5/8"	13/16-18	61C-10	5.07
3/4"	1-18	61C-12	9.21
7/8"	1-1/8-18	61C-14	9.77

Brass Compression Fittings

Unions



• reference SAE 060101 BA

Tube Size	Brass	
	Part #	Price/E
1/8"	62C-02	\$6.50
3/16"	62C-03	4.77
1/4"	62C-04	4.35
5/16"	62C-05	6.17
3/8"	62C-06	5.52
7/16"	62C-07	27.40
1/2"	62C-08	13.13
5/8"	62C-10	17.71
3/4"	62C-12	36.82
7/8"	62C-14	43.13

Union Reducers



• reference SAE 060101 BA

Tube Size	Brass	
	Part #	Price/E
3/16" x 1/4"	62C-0403	\$12.79
1/4" x 3/8"	62C-0604	12.71
3/8" x 1/2"	62C-0806	24.16
3/8" x 5/8"	62C-1006	17.39

Union Tees



• reference SAE 060401 BA

Tube Size 1 and 2	Tubing Size 3	Brass	
		Part #	Price/E
1/8"	1/8"	164C-02	\$20.28
3/16"	3/16"	264C-03	17.00
1/4"	1/4"	164C-04	10.87
5/16"	5/16"	164C-05	16.58
3/8"	3/8"	164C-06	14.36
1/2"	1/2"	164C-08	27.77
5/8"	5/8"	164C-10	46.23
3/4"	3/4"	164C-12	100.21
3/8"	1/4"	164C-06-06-04	18.07
1/2"	3/8"	164C-08-08-06	70.89

Union Elbows



• reference SAE 060201 BA

Tube Size	Brass	
	Part #	Price/E
1/8"	165C-02	\$17.86
3/16"	165C-03	9.87
1/4"	165C-04	10.19
5/16"	165C-05	15.75
3/8"	165C-06	9.45
7/16"	165C-07	23.52
1/2"	165C-08	22.53
5/8"	165C-10	26.21
3/4"	165C-12	51.47

Brass Inserts



Tube Size	Wall Thickness	Brass	
		Part #	Price/E
1/8"	.016	63PT-0216	\$0.94
1/8"	.023	63PT-0223	1.11
1/8"	.032	63PT-0232	1.21
3/16"	.025	63PT-0325	1.03
3/16"	.040	63PT-0340	0.85
1/4"	.040	63PT-0440	0.71
1/4"	.062	63PT-0462	1.21
5/16"	.040	63PT-0540	1.73
5/16"	.062	63PT-0562	1.09
3/8"	.062	63PT-0662	0.78
1/2"	.062	63PT-0862	1.03
5/8"	.062	63PT-1062	2.06

Bulkhead Unions



Tube Size	Brass	
	Part #	Price/E
1/4"	62CBH-04	\$13.37
3/8"	62CBH-06	25.64

Note: Delrin® sleeves and brass inserts convert standard compression fittings for use with industrial grades of thermoplastic tubing. See page 159 for Delrin® sleeves.

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Air Fittings

Brass Compression Fittings**Female Connectors**

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	66C-0202	\$5.62
3/16"	1/8"	66C-0302	5.29
3/16"	1/4"	66C-0304	14.69
1/4"	1/8"	66C-0402	3.46
1/4"	1/4"	66C-0404	8.56
5/16"	1/8"	66C-0502	7.72
5/16"	1/4"	66C-0504	14.44
3/8"	1/8"	66C-0602	5.33
3/8"	1/4"	66C-0604	8.56
3/8"	3/8"	66C-0606	9.02
3/8"	1/2"	66C-0608	13.79
1/2"	1/4"	66C-0804	15.25
1/2"	3/8"	66C-0806	12.62
1/2"	1/2"	66C-0808	18.79
5/8"	1/2"	66C-1008	18.23

Male Connectors

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	68C-0202	\$3.46
3/16"	1/8"	68C-0302	3.46
3/16"	1/4"	68C-0304	5.94
1/4"	1/8"	68C-0402	2.90
1/4"	1/4"	68C-0404	4.21
1/4"	3/8"	68C-0406	6.59
1/4"	1/2"	68C-0408	10.52
5/16"	1/8"	68C-0502	5.35
5/16"	1/4"	68C-0504	4.63
3/8"	1/8"	68C-0602	4.35
3/8"	1/4"	68C-0604	4.68
3/8"	3/8"	68C-0606	5.94
3/8"	1/2"	68C-0608	8.46
7/16"	1/4"	68C-0704	13.12
1/2"	1/4"	68C-0804	9.02
1/2"	3/8"	68C-0806	10.56
1/2"	1/2"	68C-0808	10.52
5/8"	3/8"	68C-1006	14.03
5/8"	1/2"	68C-1008	13.23
5/8"	3/4"	68C-1012	23.04
3/4"	1/2"	68C-1208	21.59
3/4"	3/4"	68C-1212	27.62
7/8"	3/4"	68C-1412	26.97

Air
Fittings**Male Elbows**

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	269C-0202	\$6.00
3/16"	1/8"	169C-0302	8.79
3/16"	1/4"	169C-0304	13.77
1/4"	1/8"	169C-0402	7.06
1/4"	1/4"	169C-0404	7.32
1/4"	3/8"	169C-0406	17.66
5/16"	1/8"	169C-0502	11.40
5/16"	1/4"	169C-0504	11.83
5/16"	3/8"	169C-0506	26.02
3/8"	1/8"	169C-0602	10.29
3/8"	1/4"	169C-0604	8.08
3/8"	3/8"	169C-0606	9.78
3/8"	1/2"	169C-0608	17.57
1/2"	1/4"	169C-0804	19.41
1/2"	3/8"	169C-0806	14.50
1/2"	1/2"	169C-0808	19.22
5/8"	1/2"	169C-1008	23.80
3/4"	1/2"	169C-1208	38.99
3/4"	3/4"	169C-1212	38.39

Female Elbows

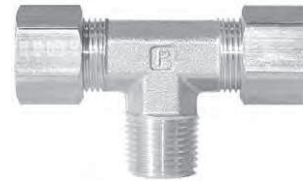
Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	170C-0202	\$10.88
3/16"	1/8"	170C-0302	12.68
1/4"	1/8"	170C-0402	9.95
1/4"	1/4"	170C-0404	14.88
3/8"	1/4"	170C-0604	15.66
3/8"	3/8"	170C-0606	17.99
7/16"	1/4"	170C-0704	27.74
1/2"	3/8"	170C-0806	19.08

Brass Compression Fittings

Male Run Tees



Male Branch Tees



Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	171C-0202	\$15.35
1/4"	1/8"	171C-0402	11.56
1/4"	1/4"	171C-0404	13.99
3/8"	1/4"	171C-0604	16.44

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	172C-0202	\$14.65
3/16"	1/8"	172C-0302	14.61
1/4"	1/8"	172C-0402	10.39
1/4"	1/4"	172C-0404	13.27
3/8"	1/8"	172C-0602	17.35
3/8"	1/4"	172C-0604	14.26
3/8"	3/8"	172C-0606	21.15
1/2"	3/8"	172C-0806	25.50

45° Elbows



Straight Through Tank Fittings



Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/4"	1/8"	179C-0402	\$12.61
1/4"	1/4"	179C-0404	14.93
3/8"	1/8"	179C-0602	21.81
3/8"	1/4"	179C-0604	15.75
3/8"	3/8"	179C-0606	21.53
1/2"	3/8"	179C-0806	26.54

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
3/16"	1/8"	682C-0302	\$12.09
3/8"	3/8"	682C-0606	16.92
1/2"	1/2"	682C-0808	23.38

Adapter Tee



Pipe Thread	Straight Thread	Brass	
		Part #	Price/E
1/8"	7/16-24	176C-0402	\$12.09

Female Branch Tee



Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/4"	1/8"	177C-0402	\$16.44

Seal Plug



Tube Size	Brass	
	Part #	Price/E
1/4"	639C-04	\$4.21

Brass Push-In Fittings

- Quick connect: simply push tubing in, no tools required. Saves up to 75% of assembly time versus the standard compression fittings.
- Quick disconnect: hold two fingers on insert and pull tubing out, no tools required.
- reusable: connect and disconnect numerous times
- Full flow design provides up to 60% more flow than conventional fittings with internal tube supports.
- positive seal: no leaks, after tubing is inserted, seal is made
- secure tube retention: pulling on tubing only serves to tighten the connection
- Pre-applied Teflon® based pipe sealant on all male pipe threads saves customer additional labor.
- Working pressure: fittings are suitable for use up to the maximum working pressure of the plastic tubing used. also suitable for vacuum service
- working temperature: **-10°F to 200°F**



Air Fittings

Male Swivel Elbows



tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	69S4x4	\$9.10	10
5/32"	10-32 *	69S5x10	14.85	10
5/32"	1/8"	69S5x4	9.60	10
5/32"	1/4"	69S5x8	13.60	10
1/4"	10-32 *	69S8x10	12.90	10
1/4"	1/8"	69S8x4	8.60	10
1/4"	1/4"	69S8x8	10.90	10
1/4"	3/8"	69S8x12	20.25	10
3/8"	1/8"	69S12x4	17.75	10
3/8"	1/4"	69S12x8	13.60	10
3/8"	3/8"	69S12x12	14.45	5
3/8"	1/2"	69S12x16	25.00	5
1/2"	3/8"	69S16x12	18.05	5
1/2"	1/2"	69S16x16	21.55	5

* UNF - Straight thread, supplied with gasket

Male Elbows



tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	694x4	\$7.45	10
5/32"	1/8"	695x4	7.25	10
3/16"	1/8"	696x4	7.90	10
1/4"	1/8"	698x4	6.75	10
1/4"	1/4"	698x8	7.75	10
1/4"	3/8"	698x12	12.75	10
3/8"	1/8"	6912x4	10.20	10
3/8"	1/4"	6912x8	10.55	10
3/8"	3/8"	6912x12	12.75	10
1/2"	1/4"	6916x8	14.45	5
1/2"	3/8"	6916x12	13.95	5

Unions



tube to tube

Tube OD	Brass		Opt Qty
	Part #	Price/E	
1/8"	624	\$9.00	20
5/32"	625	8.80	10
1/4"	628	8.80	10
3/8"	6212	11.00	10
1/2"	6216	14.30	5

Bulkhead Unions



tube to male thread

Tube OD	Thread	Brass		Opt Qty
		Part #	Price/E	
1/8"	7/16-20	824	\$19.15	10
5/32"	7/16-20	825	19.10	10
3/16"	1/2-20	826	16.65	10
1/4"	1/2-20	828	16.50	10
3/8"	3/4-16	8212	23.00	5
1/2"	15/16-16	8216	32.00	5

Brass Push-In Fittings

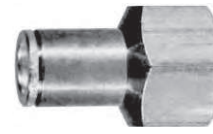
Male Connectors



tube to male NPTF

Tube OD	Male NPTF	Brass		Opt Qty
		Part #	Price/E	
1/8"	10-32 *	684x10	\$8.75	20
1/8"	1/8"	684x4	6.90	20
5/32"	10-32 *	685x10	8.05	20
5/32"	1/8"	685x4	6.05	20
5/32"	1/4"	685x8	8.80	10
3/16"	10-32 *	686x10	10.25	20
3/16"	1/8"	686x4	7.95	20
1/4"	10-32 *	688x10	9.55	20
1/4"	1/8"	688x4	5.35	20
1/4"	1/4"	688x8	5.80	10
1/4"	3/8"	688x12	9.70	10
3/8"	1/8"	6812x4	7.70	10
3/8"	1/4"	6812x8	7.55	10
3/8"	3/8"	6812x12	8.70	10
3/8"	1/2"	6812x16	13.85	5
1/2"	1/4"	6816x8	12.40	5
1/2"	3/8"	6816x12	12.65	5
1/2"	1/2"	6816x16	16.10	5

Female Connectors



tube to female NPTF

Tube OD	Female NPTF	Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	664x4	\$16.50	10
5/32"	1/8"	665x4	14.35	10
1/4"	1/8"	668x4	10.00	10
1/4"	1/4"	668x8	13.00	10
3/8"	1/4"	6612x8	17.85	10
3/8"	3/8"	6612x12	21.70	5

* UNF - Straight thread, supplied with gasket

Female Elbows



tube to female NPTF

Tube OD	Female NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
5/32"	1/8"	705x4	\$10.30	10
1/4"	1/8"	708x4	12.75	10
1/4"	1/4"	708x8	15.30	5
3/8"	1/4"	7012x8	19.05	5

Union Elbows



tube to tube

Tube OD	Forged Brass		Opt Qty
	Part #	Price/E	
1/8"	654	\$10.95	10
5/32"	655	11.20	10
1/4"	658	9.65	10
3/8"	6512	13.50	10
1/2"	6516	20.80	5

Union Tees



tube to tube

Tube OD	Forged Brass		Opt Qty
	Part #	Price/E	
1/8"	644	\$13.50	10
5/32"	645	11.40	10
3/16"	646	13.40	10
1/4"	648	13.30	10
3/8"	6412	18.00	5
1/2"	6416	27.75	5

Brass Push-In Fittings

Male Swivel Branch Tees



tube to male NPTF

Tube OD	Male NPTF	Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	72S4x4	\$19.50	10
5/32"	10-32 *	72S5x10	20.10	10
5/32"	1/8"	72S5x4	20.25	10
1/4"	1/8"	72S8x4	14.45	10
1/4"	1/4"	72S8x8	15.30	5
3/8"	1/4"	72S12x8	18.65	5
3/8"	3/8"	72S12x12	21.25	5
1/2"	3/8"	72S16x12	32.10	5
1/2"	1/2"	72S16x16	35.60	5

Male Branch Tees



tube to male NPTF

Tube OD	Male NPTF	Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	724x4	\$10.80	10
5/32"	1/8"	725x4	12.30	10
3/16"	1/8"	726x4	13.50	10
1/4"	1/8"	728x4	12.75	10
1/4"	1/4"	728x8	13.60	5
3/8"	1/8"	7212x4	16.10	5
3/8"	1/4"	7212x8	17.80	5
3/8"	3/8"	7212x12	19.50	5
1/2"	3/8"	7216x12	23.65	5

* UNF - Straight thread, supplied with gasket.

Male Run Tees



tube to male NPTF

Tube OD	Male NPTF	Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	714x4	\$10.80	10
5/32"	1/8"	715x4	11.75	10
3/16"	1/8"	716x4	13.65	10
1/4"	1/8"	718x4	12.75	10
1/4"	1/4"	718x8	13.60	5
3/8"	1/8"	7112x4	16.80	5
3/8"	1/4"	7112x8	18.70	5
3/8"	3/8"	7112x12	21.25	5
1/2"	3/8"	7116x12	22.80	5

Male Swivel Run Tees



tube to male NPTF

Tube OD	Male NPTF	Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	71S4x4	\$19.50	10
5/32"	10-32 *	71S5x10	20.10	10
5/32"	1/8"	71S5x4	22.00	5
1/4"	1/8"	71S8x4	14.45	5
1/4"	1/4"	71S8x8	15.30	5
3/8"	1/4"	71S12x8	23.75	5
3/8"	3/8"	71S12x12	27.60	5
1/2"	3/8"	71S16x12	30.25	5
1/2"	1/2"	71S16x16	33.95	5

* UNF - Straight thread, supplied with gasket.

Stainless Steel Legris Push-In Fittings

Suitable for many industries such as: chemical, food, packaging and medical.

Technical characteristics:

- working temperature: **-4°F to 250°F**
- working pressure: **435 PSI** maximum
Maximum circuit pressure depends equally on the type and diameter of the tube used. **SAFETY ALERT**
- no silicone
- conforms to FDA and 1934/2004 CE standards

Compatible with a range of tubes:

- semi-rigid nylon tube
- flexible polyurethane tube
- low density polyethylene
- Teflon® tube FEP 140
- stainless steel and copper tube (when grooved)

Materials of construction:

- body - AISI 316 stainless steel
- backup washer - 316L stainless steel
- collet - 303L stainless steel
- seal - FKM O-ring
- Thread sealant does not come pre-applied on male threads, allowing the appropriate sealant for the application to be applied by the user.

Male Swivel Elbows



tube to male NPT

Tube OD	Male NPT	Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	1/8"	38895611	\$83.85	10
1/4"	1/4"	38895614	94.20	10
3/8"	1/4"	38896014	155.40	10
3/8"	3/8"	38896018	161.50	10
1/2"	3/8"	38896218	190.50	10
1/2"	1/2"	38896222	199.75	10

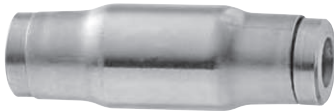
Straight Male Connectors



tube to male NPT

Tube OD	Male NPT	Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	1/8"	38055611	\$58.05	10
1/4"	1/4"	38055614	61.15	10
3/8"	1/4"	38056014	72.55	10
3/8"	3/8"	38056018	75.70	10
1/2"	3/8"	38056218	98.35	10
1/2"	1/2"	38056222	104.55	10

Unions



tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	38065600	\$65.35	10
3/8"	38066000	90.10	10
1/2"	38066200	114.95	10

Equal Elbow Union



tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	38025600	\$79.70	10

Union Tees



tube to tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	38045600	\$111.80	10
3/8"	38046000	169.75	10
1/2"	38046200	202.85	10

Bulkhead Connectors



tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	38165600	\$132.50	10
3/8"	38166000	142.85	10
1/2"	38166200	165.90	10

Nickel-Plated Brass Legris Push-In Fittings

Technical characteristics and materials of construction:

- brass body with external and internal nickel plating
- chemical (electroless) nickel plated
- working temperature: **5°F to 180°F**
- seal: Buna-N
- pressure: vacuum to **290 PSI**
Maximum circuit pressure depends equally on the type and diameter of the tube used.
- thread: length of threads in accordance with ISO 7.1 standards
- pre-applied thread sealant on all male NPT threads
- no silicone

Features and benefits:

- nickel-plated brass push-to-connect fitting
- tube compatibility: urethane, nylon, polyethylene, Teflon®, metallic tubes (stainless steel and copper, when grooved)

Applications:

- A solution for pneumatic applications and fluids in aggressive environments where stainless steel is not necessary.
- various fluids: compressed air and fluids compatible with materials of construction
- typical industries: automotive, packaging, paper mills, wood working, factories with wash-down processes

SAFETY
ALERT


Air
Fittings

Female Connectors



tube to female NPT

Tube OD	Female NPT	Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
5/32"	1/4"	32150414	\$12.40	10
1/4"	1/8"	32155611	7.90	10
1/4"	1/4"	32155614	10.30	10
3/8"	1/4"	32156014	16.00	10
3/8"	3/8"	32156018	16.45	10
1/2"	3/8"	32156218	16.65	10
1/2"	1/2"	32156222	17.25	10

Male Connectors



tube to male NPT

Tube OD	Male NPT	Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
5/32"	10-32 *	32010420	\$4.80	10
5/32"	1/8"	32750411	4.50	10
5/32"	1/4"	32750414	7.05	10
1/4"	10-32 *	32015620	6.40	10
1/4"	1/8"	32755611	5.35	10
1/4"	1/4"	32755614	5.90	10
1/4"	3/8"	32755618	7.20	10
3/8"	1/8"	32756011	10.45	10
3/8"	1/4"	32756014	8.15	10
3/8"	3/8"	32756018	10.60	10
3/8"	1/2"	32756022	13.35	10
1/2"	3/8"	32756218	13.35	10
1/2"	1/2"	32756222	13.55	10

* UNF - Straight thread, supplied with gasket

Male Swivel Elbows



tube to male NPT

Tube OD	Male NPT	Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
5/32"	10-32 *	32990420	\$9.60	10
5/32"	1/8"	32090411	7.65	10
5/32"	1/4"	32090414	9.60	10
1/4"	1/8"	32095611	6.05	10
1/4"	1/4"	32095614	6.90	10
1/4"	3/8"	32095618	9.95	10
3/8"	1/4"	32096014	14.50	10
3/8"	3/8"	32096018	11.85	10
3/8"	1/2"	32096022	14.70	10
1/2"	1/2"	32096222	18.25	10

* UNF - Straight thread, supplied with gasket

Male Run Swivel Tees



tube to male NPT

Tube OD	Male NPT	Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
5/32"	10-32 *	32930420	\$15.60	10
5/32"	1/8"	32030411	11.45	10
5/32"	1/4"	32030414	13.25	10
1/4"	1/8"	32035611	12.65	10
1/4"	1/4"	32035614	13.50	10
1/4"	3/8"	32035618	14.50	10
3/8"	1/4"	32036014	19.05	10
3/8"	3/8"	32036018	20.55	10
3/8"	1/2"	32036022	22.15	10

* UNF - Straight thread, supplied with gasket

Nickel-Plated Brass Legris Push-In Fittings

Equal Unions



tube to tube

Union Elbows



tube to tube

Equal Union Tees



tube to tube

Tube OD	Nickel-plated Brass		Nickel-plated Brass		Nickel-plated Brass		Pkg Qty
	Part #	Price/E	Part #	Price/E	Part #	Price/E	
5/32"	32060400	\$6.75	32020400	\$6.50	32040400	\$8.50	10
1/4"	32065600	7.65	32025600	7.05	32045600	9.45	10
3/8"	32066000	15.25	32026000	12.90	32046000	16.80	10
1/2"	32066200	16.00	32026200	16.80	32046200	21.30	10

Nylon/Nickel-Plated Brass Legris Push-In Fittings

- materials:
 - nickel-plated brass threads; black body is glass-filled nylon; Buna-N D seal; polypropylene release button; silicone free
- positive seal: sealing and holding is accomplished instantaneously
- reusable: connect and disconnect numerous times
- full flow: fitting seals on outside diameter of tubing
- working pressure: fittings rated to **290 PSI** at ambient temperature. *Maximum circuit pressure depends equally on the type and diameter of the tube used.* **SAFETY ALERT**
- working temperature: **-4°F to 175°F**
- pre-applied thread sealant on all tapered male pipe threads
- compatible tubing: semi-rigid nylon, polyurethane and polyethylene tube
- vacuum capability: vacuum of 28" Hg (99% vacuum)

Gripping Ring Technology



Quick Connect and Disconnect:

- To connect, simply push tubing in.
- To disconnect, press the release ring towards the fitting and pull tubing out.
- No tools required.

Male Swivel Branch Tees



tube to male NPT

Male Swivel Run Tees



tube to male NPT

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
1/8"	10-32 *	31085320	\$11.35	10
1/8"	1/8"	31085311	8.45	10
5/32"	10-32 *	31080420	12.15	10
5/32"	1/8"	31080411	8.05	10
5/32"	1/4"	31080414	11.85	10
1/4"	1/8"	31085611	7.20	10
1/4"	1/4"	31085614	7.80	10
1/4"	3/8"	31085618	9.45	10
5/16"	1/8"	31080811	11.05	10
5/16"	1/4"	31080814	11.50	10
5/16"	3/8"	31080818	11.85	10
3/8"	1/8"	31086011	15.05	10
3/8"	1/4"	31086014	11.05	10
3/8"	3/8"	31086018	12.80	10
3/8"	1/2"	31086022	16.70	10
1/2"	1/4"	31086214	14.45	10
1/2"	3/8"	31086218	18.05	10
1/2"	1/2"	31086222	20.35	10

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
1/8"	10-32 *	31035320	\$11.40	10
1/8"	1/16"	31035308	11.80	10
1/8"	1/8"	31035311	8.95	10
5/32"	10-32 *	31030420	12.50	10
5/32"	1/8"	31030411	8.85	10
5/32"	1/4"	31030414	12.15	10
1/4"	1/8"	31035611	7.30	10
1/4"	1/4"	31035614	7.80	10
1/4"	3/8"	31035618	9.60	10
5/16"	1/8"	31030811	10.80	10
5/16"	1/4"	31030814	11.35	10
3/8"	1/8"	31036011	14.50	10
3/8"	1/4"	31036014	12.15	10
3/8"	3/8"	31036018	13.50	10
1/2"	1/4"	31036214	14.80	10
1/2"	3/8"	31036218	18.05	10
1/2"	1/2"	31036222	20.00	10

* UNF - Straight thread, supplied with gasket

* UNF - Straight thread, supplied with gasket

Nylon/Nickel-Plated Brass Legris Push-In Fittings

"Hybrid" Male Connectors



fractional inch tube to male BSPT

Tube OD	Male BSPT	Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/4"	1/8"	31755610	\$7.80	10
1/4"	1/4"	31755613	7.85	10
3/8"	1/4"	31756013	11.70	10

Male Connectors



tube to male NPT

Tube OD	Male NPT	Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	1/16"	31755308	\$5.95	10
1/8"	1/8"	31755311	4.80	10
1/8"	1/4"	31755314	7.90	10
5/32"	1/8"	31750411	3.75	10
5/32"	1/4"	31750414	7.90	10
1/4"	1/8"	31755611	4.50	10
1/4"	1/4"	31755614	4.50	10
1/4"	3/8"	31755618	6.15	10
5/16"	1/8"	31750811	7.95	10
5/16"	1/4"	31750814	8.00	10
5/16"	3/8"	31750818	9.15	10
3/8"	1/8"	31756011	8.70	10
3/8"	1/4"	31756014	6.45	10
3/8"	3/8"	31756018	8.05	10
3/8"	1/2"	31756022	11.00	10
1/2"	1/4"	31756214	11.10	10
1/2"	3/8"	31756218	11.35	10
1/2"	1/2"	31756222	11.60	10

Female Connectors



tube to female NPT

Tube OD	Female NPT	Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	30145311	\$6.95	10
1/8"	1/4"	30145314	8.05	10
5/32"	1/8"	30140411	8.55	10
5/32"	1/4"	30140414	10.25	10
1/4"	1/8"	30145611	6.65	10
1/4"	1/4"	30145614	8.65	10
5/16"	1/8"	30140811	11.60	10
5/16"	1/4"	30140814	11.65	10
3/8"	1/8"	30146011	10.95	10
3/8"	1/4"	30146014	13.10	10
3/8"	3/8"	30146018	14.35	10

Male Swivel Elbows



tube to male NPT

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	10-32 *	31095320	\$8.05	10
1/8"	1/16"	31095308	10.00	10
1/8"	1/8"	31095311	5.40	10
1/8"	1/4"	31095314	7.95	10
5/32"	10-32 *	31090420	7.30	10
5/32"	1/8"	31090411	4.55	10
5/32"	1/4"	31090414	9.45	10
1/4"	10-32 *	31095620	7.75	10
1/4"	1/8"	31095611	5.00	10
1/4"	1/4"	31095614	5.65	10
1/4"	3/8"	31095618	7.20	10
5/16"	1/8"	31090811	10.00	10
5/16"	1/4"	31090814	10.00	10
5/16"	3/8"	31090818	10.50	10
3/8"	1/8"	31096011	8.45	10
3/8"	1/4"	31096014	7.50	10
3/8"	3/8"	31096018	8.45	10
3/8"	1/2"	31096022	12.00	10
1/2"	1/4"	31096214	9.35	10
1/2"	3/8"	31096218	12.15	10
1/2"	1/2"	31096222	13.40	10

* UNF - Straight thread, supplied with gasket

Female Swivel Elbows



tube to female NPT

Tube OD	Female NPT	Nylon/Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	30095311	\$9.40	10
5/32"	1/4"	30090414	12.10	10
1/4"	1/8"	30095611	6.20	10
1/4"	1/4"	30095614	9.40	10
5/16"	1/8"	30090811	12.80	10
5/16"	1/4"	30090814	13.10	10
3/8"	1/4"	30096014	12.05	10
1/2"	3/8"	30096218	17.00	10

Nylon/Nickel-Plated Brass Legris Push-In Fittings

45° Male Elbows



fractional inch tube to male NPT

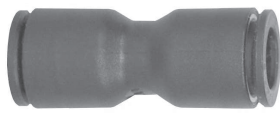
Extended Male Swivel Elbows



fractional inch tube to male NPT

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Nylon/Nickel-plated Brass		Pkg Qty
		Part #	Price	Part #	Price	
1/4"	1/8"	31135611	\$6.20	31295611	\$8.30	10
1/4"	1/4"	31135614	6.75	31295614	8.70	10
3/8"	1/4"	31136014	9.05	31296014	12.05	10
3/8"	3/8"	31136018	9.20	31296018	15.80	10

Unions



tube to tube

Bulkhead Unions



tube to tube

Union Elbows



tube to tube

Tube OD	Nylon		Nylon		Nylon		Pkg Qty
	Part #	Price/E	Part #	Price/E	Part #	Price/E	
1/8"	31065300	\$6.10	31165300	\$6.80	31025300	\$6.30	10
5/32"	31060400	4.50	31160400	8.05	31020400	5.10	10
1/4"	31065600	5.00	31165600	8.45	31025600	5.80	10
5/16"	31060800	6.45	31160800	10.35	31020800	6.80	10
3/8"	31066000	7.40	31166000	12.60	31026000	8.90	10
1/2"	31066200	12.15	31166200	18.35	31026200	12.00	10

Y Male Swivel Connectors



tube to male NPT

Y Connectors



tube to tube

Union Tees



tube to tube

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Pkg Qty	Tube OD	Nylon		Pkg Qty	Tube OD	Nylon		Pkg Qty
		Part #	Price/E			Part #	Price/E			Part #	Price/E	
5/32"	1/8"	31480411	\$10.05	10	1/8"	31405300	\$6.70	10	1/8"	31045300	\$8.85	10
5/32"	1/4"	31480414	10.20	10	5/32"	31400400	6.70	10	5/32"	31040400	6.75	10
1/4"	1/8"	31485611	10.55	10	1/4"	31405600	7.50	10	1/4"	31045600	7.65	10
1/4"	1/4"	31485614	11.00	10	5/16"	31400800	9.40	10	5/16"	31040800	9.40	10
					3/8"	31406000	13.65	10	3/8"	31046000	10.65	10
									1/2"	31046200	17.20	10

Plugs

tube

Tube OD	Plastic		Pkg Qty
	Part #	Price/E	
1/8"	31265300	\$1.80	10
5/32"	31260400	0.80	10
1/4"	31265600	2.05	10
5/16"	31260800	2.15	10
3/8"	31266000	2.35	10
1/2"	31266200	2.60	10



Push-In Fitting Kit

Kit includes plastic case with threaded connectors, threaded elbows and several tube to tube connector configurations found on pages 169-170. A tubing cutter is also included in the kit.

Part #	Price/E
TFK	\$1082.60

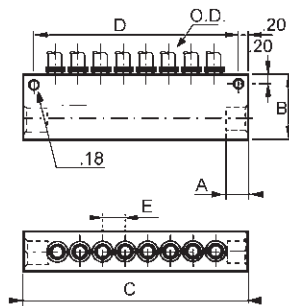
Kit contains the following parts:

Part #	Qty	Description
31755311	10	tube to male NPT connector
31750411	10	tube to male NPT connector
31755611	10	tube to male NPT connector
31755614	10	tube to male NPT connector
31756014	5	tube to male NPT connector
31756018	5	tube to male NPT connector
31090411	10	tube to male NPT elbow
31095611	10	tube to male NPT elbow
31095614	10	tube to male NPT elbow
31096011	5	tube to male NPT elbow
31096014	5	tube to male NPT elbow
31096018	5	tube to male NPT elbow
31060400	10	tube to tube union
31065600	10	tube to tube union
31066000	5	tube to tube union
31400400	10	Y connector
31405600	10	Y connector
31406000	5	Y connector
31040400	10	tube to tube union tee
31045600	5	tube to tube union tee
31046000	5	tube to tube union tee
30007100	1	tubing cutter



Air Fittings

Legris Modular Manifolds



Manifold with push-to-connect ports

OD	NPT Size	Number of Outlets	A	B	C	D	E	Part #	Price/E
5/32"	1/4"	8	.55	1.30	4.49	4.09	.45	33150414	\$92.65
1/4"	1/4"	8	.55	1.30	4.92	4.53	.50	33155614	94.30
3/8"	3/8"	6	---	1.57	5.73	5.33	.67	33156018	109.90

Legris Composite Mini Ball Valves

Mini ball valves enable in-line opening and closing of a pneumatic circuit. Compact and lightweight, they are suited to all types of installations. Their screwdriver slot allows opening and closing even when access is difficult. The handle is differentiated by a blue color and marked with the corresponding pneumatic symbol in order to enable immediate identification by the user. 2-way, non-venting valve

Materials:

- nylon body
- nickel-plated brass ball

Technical specifications:

- suitable fluid: compressed air
- maximum pressure: **145 PSI**
- vacuum capability: vacuum of 28" Hg (99% of vacuum)
- working temperature: **-4°F to 175°F**



Size	Part #	Price/E
5/32"	79100400	\$34.30
1/4"	79105600	33.20
5/16"	79100800	35.65
3/8"	79106000	38.45

Legris Quick Exhaust Valves

The quick exhaust valve can be used in all pneumatic equipment. It dramatically increases system efficiency and speed of a cylinder by purging cylinder air at the cylinder port rather than the control valve.

Materials:

- body: nickel-plated brass
- piston: polyurethane
- seals: nylon

Technical specifications:

- working pressure: **10 PSI to 150 PSI**
- working temperature: **0°F to 160°F**



NPT Thread	Part #	Price/E
1/8"	79821111	\$15.25
1/4"	79821414	16.25
3/8"	79821818	24.80
1/2"	79822222	32.45

Legris Flow Control Valves

Push-to connect, unidirectional flow control valves, with one-piece design. Controls the speed of a cylinder by regulating air exhaust. Intake air flows freely through the flow control and exhaust air is metered out through a specially designed fine adjustment screw. Control pressure range: **15 PSI to 145 PSI**. Temperature range: **30°F to 160°F**.

compact flow control valves

Tube OD	NPT Size	Part #	Price/E	Pkg Qty
5/32"	1/8"	70650411	\$24.20	10
1/4"	1/8"	70655611	26.65	10
1/4"	1/4"	70655614	29.20	10
3/8"	1/4"	70656014	48.40	10
3/8"	3/8"	70656018	58.20	10

miniature exhaust flow control valves

Tube OD	NPT Size	Part #	Price/E	Pkg Qty
5/32"	10-32 *	76600420	\$21.50	10
5/32"	1/8"	76650411	21.65	10
1/4"	10-32 *	76605620	26.45	10
1/4"	1/8"	76655611	26.45	10
1/4"	1/4"	76655614	26.45	10

* UNF - Straight thread, supplied with gasket



Legris In-Line Flow Control Valves

Push-to connect flow control valve for use where cylinder access is difficult or another fitting is attached to the cylinder port. Stackable using 2 joining clips supplied, or panel mountable using existing holes.

Materials:

- body: nylon
- gripping ring: stainless steel
- adjustment screw: nickel-plated brass
- locking nut: nickel-plated brass

Technical specifications:

- working fluid: compressed air
- working pressure: **15 PSI to 145 PSI**
- working temperature: **30°F to 160°F**



Tube OD	Part #	Price/E	Pkg Qty
5/32"	77700400	\$42.60	10
1/4"	77705600	43.45	10
3/8"	77706000	66.30	10
1/2"	77706200	71.20	10

Legris Threaded In-Line Flow Control Valves

Threaded in-line flow control valves are unidirectional flow control valves. Intake air flows freely through the flow control; exhaust air is metered out through a specially designed adjustment screw. An arrow on the body of the valve indicates the direction of controlled flow. The valves may be installed as meter in or meter out devices.

Technical specifications:

- working fluid: compressed air
- working pressure: **15 PSI to 145 PSI**
- working temperature: **30°F to 160°F**

Materials:

- body: nylon with nickel plated brass thread
- adjustment screw: nickel-plated brass
- locking nut: nickel-plated brass
- threads: nickel-plated brass

Tube OD	Part #	Price/E
1/8"	77751111	\$42.10
1/4"	77751414	46.30
3/8"	77751818	65.30
1/2"	77752222	74.70



Air Fittings

Legris Non-Return In-Line Check Valves

Allows air to pass in one direction while blocking flow in the other direction. A pressure of more than 7 PSI will overcome the spring pressure and allow flow. An arrow indicates free flow direction. Maximum working pressure: **145 PSI** at ambient temperature (70°F)

Tube OD	Part #	Price/E	Pkg Qty
5/32"	79960400	\$25.75	10
6mm	79960600	26.60	10
1/4"	79965600	28.60	10
5/16"	79960800	33.25	10



Legris In-Line Check Valves

These in-line check valves allow air to pass in one direction while blocking flow in the other direction. Their extreme compactness and light weight make them suitable as a safety item in compressed air circuits. The body of the fitting contains an arrow to indicate the direction of flow. A pressure of more than 7 PSI will overcome the spring pressure, which is keeping the valve closed, thus allowing the passage of air. Meter out check valve.

Technical specifications:

- working pressure: **15 PSI to 145 PSI** at ambient temperature (70°F)

Materials:

- body: nylon with nickel plated brass base
- pre-applied thread sealant on tapered threads

Tube OD	NPT Size	Part #	Price/E
5/32"	10-32 *	79940420	\$24.60
5/32"	1/8"	79950411	25.75
1/4"	1/8"	79955611	28.15
1/4"	1/4"	79955614	29.40
3/8"	1/4"	79956014	35.15
3/8"	3/8"	79956018	40.95

* UNF - Straight thread, supplied with gasket



Stainless Steel Legris Uni-Directional Check Valves

Stainless steel valve blocks the fluid passage when the pressure differential is lower than 3.6 PSI.

Technical specifications:

- working pressure: **7 PSI to 580 PSI**
- working temperature: **-4°F to 360°F**

Materials:

- body: 316L stainless steel
- shut-off valve: 316L stainless steel
- return spring: 302 stainless steel
- seals: Viton®

NPT Thread	Part #	Price/E
1/8"	48951111	\$152.25
1/4"	48951414	152.25
3/8"	48951818	176.55
1/2"	48952222	183.60



Tubing

Polyurethane Tubing

- naturally transparent
- temperature range: **-40°F to 165°F** (working pressure given at 75°F)
- designed for use with the push-in fittings sold on pages 163-170
- excellent memory, flexibility and resistance to kinking
- good resistance to fuels and oils
- low gas and vapor permeability
- high compressive strength
- low compressive set and extractability levels
- outstanding abrasion resistance



Size		Wall Thickness	Working Pressure @ 75°F	Length	Part #	Price/Length
OD	ID					
1/8" x .062"		.0295	233	250' roll	04063	\$41.45
5/32" x .094"		.0315	176	100' roll	05094	29.15
1/4" x .160"		.0450	148	100' roll	08160	62.20
3/8" x .250"		.0650	147	100' roll	12250	116.80
1/2" x .320"		.0900	140	50' roll	16320	156.00

Polyethylene Tubing

- designed for FDA applications
- temperature range: **-50°F to 140°F** (working pressure given at 70°F)
- designed for use with the push-in fittings sold on pages 163-170
- flexible, lightweight, low-density polyethylene (LDPE) tubing
- for use with plastic or metal inserts with outer sleeve; ferrule or clamps
- formulated to resist stress cracking



Size		Wall Thickness	Working Pressure @ 70°F	Length	Tubing Color	Part #	Price/Length
OD	ID						
1/4" x .125"		.062	150	100' roll	natural	0804	\$14.70
1/4" x .170"		.040	150	100' roll	natural	0817	13.35
3/8" x .250"		.062	150	100' roll	natural	1208	28.00
1/2" x .375"		.062	125	100' roll	natural	1612	36.85

Size		Wall Thickness	Working Pressure @ 70°F	Length	Tubing Color	Part #	Price/Length
OD	ID						
1/4" x .170"		.040	150	100' roll	blue	0817BL100	\$17.30
1/4" x .170"		.040	150	500' roll	blue	0817BL	67.00
1/4" x .170"		.040	150	500' roll	black	0817BR	67.00
1/4" x .170"		.040	150	500' roll	natural	0817CR	67.00
3/8" x .250"		.062	150	500' roll	black	1208BR	119.20
3/8" x .250"		.062	150	500' roll	natural	1208CR	119.20

Nylon 12 Tubing

- naturally transparent
- temperature range: **-60°F to 200°F** (working pressure given at 75°F)
- designed for use with the push-in fittings sold on pages 163-170
- recommended for applications requiring low density, lightweight toughness, flexibility and chemical resistance
- 100' lengths are packaged in plastic bags.



Size		Wall Thickness	Working Pressure @ 75°F	Length	Part #	Price/Length
OD	ID					
1/8" x .093"		.016	225	100' roll	04093	\$28.00
5/32" x .106"		.025	275	100' roll	05106	33.70
3/16" x .138"		.025	225	100' roll	06138	43.05
1/4" x .170"		.040	265	100' roll	08170	71.10
1/4" x .180"		.035	250	100' roll	08180	68.00
3/8" x .275"		.050	220	100' roll	12275	144.30
1/2" x .375"		.062	200	100' roll	16375	217.55

Tubing cutters sold on page 334

Legris Tubing Nylon 12 Tubing



Nylon tubing is ideal for many industrial applications. It has optimum mechanical properties and good chemical, humidity and abrasive resistance.

- semi rigid tubing
- working temperature: **-4°F to 175°F** (working pressure given at 75°F)

Size		Wall Thickness	Working Pressure at 75°F	Length	Clear		Black		Blue	
OD	ID				Part #	Price/Length	Part #	Price/Length	Part #	Price/Length
1/8" x .093"		.016	225	50' roll	1091P5300	\$25.40	1091P5301	\$24.75	1091P5304	\$25.40
5/32" x .106"		.025	275	50' roll	1091P0400	24.75	1091P0401	26.50	1091P0404	26.50
3/16" x .138"		.025	225	50' roll	1091P5500 *	40.80	1091P5501 *	42.55	---	---
1/4" x .18"		.035	265	50' roll	1091P5600	45.80	1091P5601	48.55	1091P5604	43.70
5/16" x .232"		.040	220	50' roll	1091P0800	66.60	1091P0801	66.55	1091P0804	66.55
3/8" x .275"		.050	220	50' roll	1091P6000	92.60	1091P6001	93.80	1091P6004	87.95
1/2" x .375"		.063	200	50' roll	1091P6200	155.90	1091P6201	147.90	1091P6204	149.50

Size		Wall Thickness	Working Pressure at 75°F	Length	Clear		Black		Blue	
OD	ID				Part #	Price/Length	Part #	Price/Length	Part #	Price/Length
1/8" x .093"		.016	225	100' roll	1094P5300	\$42.20	1094P5301	\$42.45	1094P5304	\$42.20
5/32" x .106"		.025	275	100' roll	1094P0400	46.20	1094P0401	42.25	1094P0404	42.25
3/16" x .138"		.025	225	100' roll	1094P5500 *	76.30	1094P5501 *	76.30	---	---
1/4" x .18"		.035	265	100' roll	1094P5600	85.50	1094P5601	87.05	1094P5604	78.35
5/16" x .232"		.040	220	100' roll	1094P0800	116.60	1094P0801	150.00	1094P0804	115.90
3/8" x .275"		.050	220	100' roll	1094P6000	166.60	1094P6001	168.55	1094P6004	158.55
1/2" x .375"		.063	200	100' roll	1094P6200	280.15	1094P6201	276.60	1094P6204	269.10

* 3/16" size is nylon 11

Polyurethane - 95 Durometer Tubing



Polyurethane tubing has high flexibility and a small bend radius and thus is very good for applications where space is tight. For applications where the tubing will be exposed black tubing is recommended.

- working temperature: **-40°F to 165°F** (working pressure given at 75°F)

Size		Wall Thickness	Working Pressure at 75°F	Length	Clear		Black		Blue	
OD	ID				Part #	Price/Length	Part #	Price/Length	Part #	Price/Length
1/8" x .066"		.030	233	50' roll	1091U53R00	\$22.10	1091U5301	\$21.65	1091U5304	\$23.05
5/32" x .094"		.031	176	50' roll	1091U04R00	31.00	1091U0401	27.35	1091U0404	28.05
1/4" x .160"		.045	148	50' roll	1091U56R00	49.80	1091U5601	52.45	1091U5604	50.90
5/16" x .216"		.048	155	50' roll	1091U08R00	78.95	1091U0801	74.00	1091U0804	75.00
3/8" x .245"		.065	147	50' roll	1091U60R00	96.30	1091U6001	96.50	1091U6004	95.65
1/2" x .32"		.090	140	50' roll	1091U62R00	173.75	1091U6201	179.05	1091U6204	195.50

Size		Wall Thickness	Working Pressure at 75°F	Length	Clear		Black		Blue	
OD	ID				Part #	Price/Length	Part #	Price/Length	Part #	Price/Length
1/8" x .066"		.030	233	100' roll	1094U53R00	\$40.30	1094U5301	\$38.95	1094U5304	\$42.95
5/32" x .094"		.031	176	100' roll	1094U04R00	54.00	1094U0401	50.85	1094U0404	54.00
1/4" x .160"		.045	148	100' roll	1094U56R00	92.80	1094U5601	97.80	1094U5604	88.50
5/16" x .216"		.048	155	100' roll	1094U08R00	147.25	1094U0801	135.85	1094U0804	144.30
3/8" x .245"		.065	147	100' roll	1094U60R00	179.90	1094U6001	187.15	1094U6004	178.65
1/2" x .32"		.090	140	100' roll	1094U62R00	337.70	1094U6201	334.50	1094U6204	351.80

Fluoropolymer FEP 140 Tubing



Fluoropolymer tubing is of food quality and provides excellent resistance to aggressive and corrosive agents as well as high temperatures.

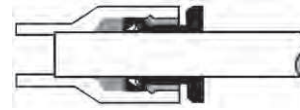
- FDA compliant materials
- maximum working temperature: **300°F** (working pressure given at 75°F)

Size		Wall Thickness	Working Pressure at 75°F	Length	Clear	
OD	ID				Part #	Price/Length
1/8" x .06"		.033	304	25' roll	1092T5300	\$73.45
1/4" x .17"		.040	246	25' roll	1092T5600	167.90
3/8" x .30"		.038	166	25' roll	1092T6000	262.40
1/2" x .42"		.040	108	25' roll	1092T6200	355.60

Metric Push-In Fittings

- materials:
 - nickel-plated brass threads; black body is glass-filled nylon; Buna-N D seal; polypropylene release button; silicone free
- positive seal: sealing and holding is accomplished instantaneously
- reusable: connect and disconnect numerous times
- full flow: fitting seals on outside diameter of tubing
- working pressure: fittings rated to **290 PSI** at ambient temperature
- working temperature: **-4°F to 175°F**
- pre-applied thread sealant on all tapered male pipe threads
- compatible tubing: semi-rigid nylon, polyurethane and polyethylene tube
- vacuum capability: vacuum of 28" Hg (99% vacuum)

Gripping Ring Technology



Quick Connect and Disconnect:

- To connect, simply push tubing in.
- To disconnect, press the release ring towards the fitting and pull tubing out.
- No tools required.

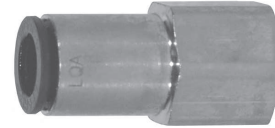
Male Connectors



tube to male BSPT

Tube OD	Male BSPT	Part #	Price/E	Pkg Qty
4 mm	1/8"	31750410	\$4.65	10
4 mm	1/4"	31750413	7.45	10
6 mm	1/8"	31750610	5.20	10
6 mm	1/4"	31750613	5.95	10
8 mm	1/8"	31750810	7.65	10
8 mm	1/4"	31750813	7.65	10
8 mm	3/8"	31750817	9.00	10
10 mm	1/4"	31751013	9.55	10
10 mm	3/8"	31751017	10.60	10

Female Connectors



tube to female BSPP

Tube OD	Female BSPP	Part #	Price/E	Pkg Qty
4 mm	1/8"	31140410	\$8.10	10
4 mm	1/4"	31140413	10.70	10
6 mm	1/8"	31140610	8.05	10
6 mm	1/4"	31140613	9.10	10
8 mm	1/8"	31140810	10.15	10
8 mm	1/4"	31140813	9.65	10

Male Swivel Elbows



tube to male BSPT

Tube OD	Male BSPT	Part #	Price/E	Pkg Qty
4 mm	1/8"	31090410	\$6.05	10
4 mm	1/4"	31090413	9.30	10
6 mm	1/8"	31090610	6.40	10
6 mm	1/4"	31090613	6.55	10
8 mm	1/8"	31090810	9.45	10
8 mm	1/4"	31090813	9.45	10
8 mm	3/8"	31090817	11.20	10
10 mm	1/4"	31091013	14.95	10
10 mm	3/8"	31091017	15.30	10

Male Swivel Branch Tees



tube to male BSPT

Tube OD	Male BSPT	Part #	Price/E	Pkg Qty
4 mm	1/8"	31080410	\$8.50	10
4 mm	1/4"	31080413	12.50	10
6 mm	1/8"	31080610	9.05	10
6 mm	1/4"	31080613	9.20	10
8 mm	1/8"	31080810	11.30	10
8 mm	1/4"	31080813	11.85	10

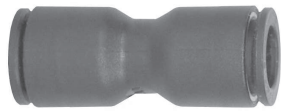
Nylon Metric Tubing Rolls

- translucent color
- resistant to fungus, abrasion, moisture and UV radiation
- temperature range **-60°F to 200°F** (working pressure given at 75°F)



Size		Wall Thickness	Working Pressure @75°F	Length	Part #	Price/Length
OD	ID					
4 mm	2.7 mm	.65 mm	275	25 m	1025P0400	\$34.35
6 mm	4 mm	1 mm	280	25 m	1025P0600	61.85
8 mm	6 mm	1 mm	210	25 m	1025P0800	92.80

Tubing cutters sold on page 334

Metric Push-In Fittings**Unions**

tube to tube

Tube OD	Tube OD	Part #	Price/E	Pkg Qty
4 mm	6 mm	31060406	\$10.05	10
6 mm	6 mm	31060600	5.70	10
10 mm	10 mm	31061000	14.30	10

Union Tees

tube to tube

Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	31040600	\$8.40	10
10 mm	10 mm	31041000	19.70	10

Air
Fittings
Union Elbows

tube to tube

Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	31020600	\$7.30	10
10 mm	10 mm	31021000	13.80	10

Bulkhead Unions

Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	31160600	\$9.25	10

Y Connectors

Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	31400600	\$8.40	10

Plugs

Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	31260600	\$2.10	10
10 mm	10 mm	31261000	4.40	10

Male Connectors

tube to thread

Tube OD	Thread	Part #	Price/E	Pkg Qty
4 mm	M5	31010419	\$6.45	10
4 mm	1/8 BSPP	31010410	5.35	10
6 mm	M5	31010619	8.65	10
6 mm	1/8 BSPP	31010610	6.20	10
6 mm	1/4 BSPP	31010613	7.05	10
8 mm	1/8 BSPP	31010810	8.00	10
8 mm	1/4 BSPP	31010813	8.40	10
10 mm	1/4 BSPP	31011013	13.95	10

Male Swivel Elbows

tube to thread

Tube OD	Thread	Part #	Price/E	Pkg Qty
4 mm	M5	31990419	\$6.70	10
4 mm	1/8 BSPP	31990410	7.30	10
6 mm	M5	31990619	7.30	10
6 mm	1/8 BSPP	31990610	7.40	10
6 mm	1/4 BSPP	31990613	10.05	10
8 mm	1/8 BSPP	31990810	11.40	10
8 mm	1/4 BSPP	31990813	11.40	10
10 mm	1/8 BSPP	31991013	15.70	10

D.O.T. Push-In Fittings

- materials:
 - body (straights) tube, supports and grippers: brass CA360
 - forged elbows and tees: brass CA377
 - O-ring: Buna-N
- working pressure: Fittings are suitable for use up to the maximum working pressure of the plastic tubing used. Also suitable for vacuum service.
- working temperature: **-40°F to 212°F**
- pre-applied thread sealant (Loctite 516) on all male pipe threads
- compatible tubing: SAE J844
- specifications: meets D.O.T FMVSS 571.106 and SAE J1131, SAE J2494-1 and SAE J2494-3

Male Elbows



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ69DOT4x2	\$8.95	10
1/4"	1/4"	AQ69DOT4x4	10.15	10
3/8"	1/4"	AQ69DOT6x4	12.35	10

Swivel Male Elbows



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ69DOTS4x2	\$10.55	10
1/4"	1/4"	AQ69DOTS4x4	11.40	10
1/4"	3/8"	AQ69DOTS4x6	16.45	10
3/8"	1/4"	AQ69DOTS6x4	15.10	10
3/8"	3/8"	AQ69DOTS6x6	17.00	5

Male Connectors



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ68DOT4x2	\$6.15	10
1/4"	1/4"	AQ68DOT4x4	6.95	10
1/4"	3/8"	AQ68DOT4x6	10.80	5
3/8"	1/4"	AQ68DOT6x4	9.60	10
3/8"	3/8"	AQ68DOT6x6	10.30	10

Swivel Male Run Tees



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ71DOTS4x2	\$17.95	10
1/4"	1/4"	AQ71DOTS4x4	17.95	5

Union Connectors



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	AQ62DOT4	\$11.45	10
3/8"	AQ62DOT6	13.00	10

Swivel Male Branch Tees



tube to tube

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ72DOTS4x2	\$17.95	10
1/4"	1/4"	AQ72DOTS4x4	18.80	5

Union Tees



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	AQ64DOT4	\$17.05	10
3/8"	AQ64DOT6	20.80	10

D.O.T. Push-In Fittings

- materials of construction:
 - body is composite; brass collet; stainless steel tube support; threads are brass
 - Buna-N O-ring
- pressure range: up to **250 PSI** at ambient temperature
- working temperature: **-40°F to 200°F**
- suitable fluids: compressed air only (lubricated or non-lubricated)
- complies with the performance requirements of D.O.T FMVSS 571.106 (SAE J1131) and SAE J2494-3
- These fittings are designed for use on all pneumatic circuits other than air brake assemblies between the frame and axle or between towed and towing vehicle.* **SAFETY ALERT**

Straight Male Connectors

tube to male NPT

Tube OD	Male NPTF	Part #	Price/E	Pkg Qty
5/32"	1/8"	31150411DOT	\$5.45	10
5/32"	1/4"	31150414DOT	7.60	10
3/16"	1/8"	31155511DOT	7.10	10
3/16"	1/4"	31155514DOT	9.45	10
1/4"	1/8"	31155611DOT	5.00	10
1/4"	1/4"	31155614DOT	5.05	10
1/4"	3/8"	31155618DOT	6.75	10
3/8"	1/8"	31156011DOT	9.55	10
3/8"	1/4"	31156014DOT	7.25	10
3/8"	3/8"	31156018DOT	9.15	10
3/8"	1/2"	31156022DOT	13.30	10
1/2"	1/4"	31156214DOT	21.05	10
1/2"	3/8"	31156218DOT	20.25	10
1/2"	1/2"	31156222DOT	14.70	10

Straight Female Connectors

tube to female NPT

Tube OD	Female NPTF	Part #	Price/E	Pkg Qty
5/32"	1/8"	31140411DOT	\$14.30	10
3/16"	1/8"	31145511DOT	11.80	10
1/4"	1/8"	31145611DOT	10.10	10
1/4"	1/4"	31145614DOT	10.05	10
3/8"	1/4"	31146014DOT	14.60	10
3/8"	3/8"	31146018DOT	17.75	10

- complies with performance requirements of SAE J2494

Male Elbows

tube to male NPT

Tube OD	Male NPTF	Part #	Price/E	Pkg Qty
5/32"	1/8"	31090411DOT	\$8.20	10
3/16"	1/8"	31095511DOT¹	11.50	10
1/4"	1/8"	31095611DOT	5.65	10
1/4"	1/4"	31095614DOT	6.65	10
1/4"	3/8"	31095618DOT	15.50	10
3/8"	1/4"	31096014DOT	14.65	10
3/8"	3/8"	31096018DOT	16.55	10
3/8"	1/2"	31096022DOT	15.40	10
1/2"	1/4"	31096214DOT	17.40	10
1/2"	3/8"	31096218DOT	16.50	10
1/2"	1/2"	31096222DOT	20.25	10

Note: This fitting can be oriented 360° allowing proper positioning of the fitting.

¹ nickel-plated brass construction

Male Branch Tees

tube to male NPT to tube

Tube OD	Male NPTF	Part #	Price/E	Pkg Qty
5/32"	1/8"	31080411DOT	\$14.25	10
5/32"	1/4"	31080414DOT	18.35	10
3/16"	1/8"	31085511DOT¹	14.55	10
1/4"	1/8"	31085611DOT	8.05	10
1/4"	1/4"	31085614DOT	8.80	10
1/4"	3/8"	31085618DOT	15.85	10
3/8"	1/4"	31086014DOT	14.85	10
3/8"	3/8"	31086018DOT	17.75	10
3/8"	1/2"	31086022DOT	18.55	10
1/2"	1/4"	31086214DOT	22.70	10
1/2"	3/8"	31086218DOT	22.50	10
1/2"	1/2"	31086222DOT	25.75	10

Note: This fitting can be oriented 360° allowing proper positioning of the fitting.

D.O.T. Push-In Fittings

Male Run Tees



tube to tube to male NPT

Tube OD	Male NPTF	Part #	Price/E	Pkg Qty
3/16"	1/8"	31035511DOT¹	\$16.00	10
1/4"	1/8"	31035611DOT	8.05	10
1/4"	1/4"	31035614DOT	9.30	10
1/4"	3/8"	31035618DOT	16.00	10
3/8"	1/4"	31036014DOT	15.65	10
3/8"	3/8"	31036018DOT	18.80	10
3/8"	1/2"	31036022DOT	19.15	10
1/2"	1/4"	31036214DOT	23.25	10
1/2"	3/8"	31036218DOT	22.95	10
1/2"	1/2"	31036222DOT	25.75	10

Y Connectors



male NPT to tube

Tube OD	Male NPTF	Part #	Price/E	Pkg Qty
1/4"	1/8"	31485611DOT	\$13.35	10
1/4"	1/4"	31485614DOT	14.05	10

Note: This fitting can be oriented 360° allowing proper positioning of the fitting.

Note: This fitting can be oriented 360° allowing proper positioning of the fitting.

¹ nickel-plated brass construction

Unions



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
5/32"	31060400DOT	\$6.45	10
3/16"	31065500DOT	10.25	10
1/4"	31065600DOT	5.65	10
3/8"	31066000DOT	8.75	10
1/2"	31066200DOT	14.85	10

Union Elbows



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
5/32"	31020400DOT	\$8.00	10
1/4"	31025600DOT	6.65	10
3/8"	31026000DOT	11.25	10
1/2"	31026200DOT	13.85	10

Union Tees



tube to tube to tube

Tube OD	Part #	Price/E	Pkg Qty
5/32"	31040400DOT	\$9.65	10
3/16"	31045500DOT	15.10	10
1/4"	31045600DOT	8.90	10
3/8"	31046000DOT	11.65	10
1/2"	31046200DOT	19.35	10

Y Unions



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	31405600DOT	\$11.10	10
3/8"	31406000DOT	17.90	10

D.O.T. Push-In Fittings**Plug In Elbow**

Tube OD	Part #	Price/E	Pkg Qty
1/4"	31825600DOT	\$3.65	10

Plug In Run Tee

Tube OD	Part #	Price/E	Pkg Qty
1/4"	31835600DOT	\$10.35	10

Air
Fittings
Reducers

Tube OD	Tube OD	Part #	Price/E	Pkg Qty
1/4"	3/8"	31665660DOT	\$4.50	10

Bulkhead Unions

tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	31165600DOT	\$11.35	10
3/8"	31166000DOT	13.80	10
1/2"	31166200DOT *	22.75	10

* nickel-plated brass construction

D.O.T. Air Brake Tubing Rolls

- meets Department of Transportation FMVSS-106 nylon material conforming to SAE J844
- shipped in lengths of 100' roll
- working pressure: **150 PSI**
- temperature range: **-40°F to 200°F**

Size OD	Tubing Color	Part #	Price/E
3/16"	black	J844-03-BL-100	\$62.25
1/4"	black	J844-04-BL-100	73.10
1/4"	blue	J844-04-B-100	73.10
1/4"	red	J844-04-R-100	73.10
3/8"	black	J844-06-BL-100	186.50
3/8"	blue	J844-06-B-100	191.50
3/8"	red	J844-06-R-100	191.50
1/2"	black	J844-08-BL-100	260.75
5/8"	black	J844-10-BL-100	475.00
3/4"	black	J844-12-BL-100	706.00

Tubing cutters sold on page 334



Air Brake Fittings

Compression style air brake fittings utilizes ribbed sleeve for compression and positive grip.

- materials: machined from CA360, CA345, or CA377 brass
- pre-applied thread sealant (Loctite Vibra-Seal 516) on all male pipe threads
- working pressure: **150 PSI** maximum
- working temperature: **-40°F to 200°F**
- compatible tubing: SAE J844 type A and B
- specifications: meets D.O.T FMVSS 571.106 and SAE J1131, and SAE J2494
- *These fittings are designed for use in air brake systems or in cab controls.*

Assembly Instructions:

1. Cut tubing squarely - maximum of 15° angle allowable.
2. Check that port or mating part is clean and free of debris.
3. Insert tubing into fittings until it bottoms on seat.
4. Tighten nut with wrench until one thread remains visible on the fittings body; (this will allow for a number of remakes) or, the nut should be screwed down finger tight, then wrench-tightened as indicated in the chart below.

Tube Size	Turns required to seal from hand-tight
3/16"	2½
1/4"	3
3/8" & 1/2"	4
5/8" & 3/4"	3½

Sleeves



- ref. SAE 100115

Tube OD	Part #	Price/E	Pkg Qty
3/16"	60NAB3	\$0.97	100
1/4"	60NAB4	0.87	100
3/8"	60NAB6	0.97	100
1/2"	60NAB8	1.04	100
5/8"	60NAB10	3.10	100
3/4"	60NAB12	5.82	50

Inserts



- for SAE J844 Tubing

Tube OD	302/304 Stainless Steel Part #	Price/E	Pkg Qty
1/4"	63NAB4	\$1.11	200
3/8"	63NAB6	1.26	200
1/2"	63NAB8	1.77	100
5/8"	63NAB10	4.62	100
3/4"	63NAB12	5.82	100

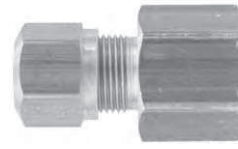
Nuts



- ref. SAE 100110

Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	5/16-24	61NAB3	\$3.47	100
1/4"	7/16-24	61NAB4	1.37	100
3/8"	17/32-24	61NAB6	1.83	100
1/2"	11/16-20	61NAB8	3.80	50
5/8"	13/16-18	61NAB10	7.90	25
3/4"	1-18	61NAB12	9.53	25

Female Connectors



- ref. SAE 100103 BA

Tube OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	1/8"	7/16-24	66NAB42	\$11.79	25
1/4"	1/4"	7/16-24	66NAB44	13.51	10
3/8"	1/8"	17/32-24	66NAB62	12.41	10
3/8"	1/4"	17/32-24	66NAB64	14.82	10
1/2"	3/8"	11/16-20	66NAB86	26.68	10
1/2"	1/2"	11/16-20	66NAB88	25.45	10
5/8"	3/8"	13/16-18	66NAB106	70.76	10
5/8"	1/2"	13/16-18	66NAB108	69.30	10

Male Connectors



- ref. SAE 100102 BA

Tube OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/16"	5/16-24	68NAB31VS	\$20.64	25
3/16"	1/8"	5/16-24	68NAB32VS	15.68	50
3/16"	1/4"	5/16-24	68NAB34VS	20.36	25
1/4"	1/8"	7/16-24	68NAB42VS	7.22	50
1/4"	1/4"	7/16-24	68NAB44VS	7.42	50
1/4"	3/8"	7/16-24	68NAB46VS	8.27	10
3/8"	1/8"	17/32-24	68NAB62VS	8.46	25
3/8"	1/4"	17/32-24	68NAB64VS	8.08	25
3/8"	3/8"	17/32-24	68NAB66VS	9.78	25
3/8"	1/2"	17/32-24	68NAB68VS	15.97	25
1/2"	1/4"	11/16-20	68NAB84VS	10.73	10
1/2"	3/8"	11/16-20	68NAB86VS	10.20	25
1/2"	1/2"	11/16-20	68NAB88VS	17.85	25
5/8"	3/8"	13/16-18	68NAB106VS	20.14	10
5/8"	1/2"	13/16-18	68NAB108VS	18.66	10
3/4"	3/8"	1-18	68NAB126VS	48.45	10
3/4"	1/2"	1-18	68NAB128VS	39.01	10
3/4"	3/4"	1-18	68NAB1212VS	39.10	10

Air Brake Fittings

Unions



Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16-24	62NAB4	\$10.25	10
3/8"	17/32-24	62NAB6	11.01	10
1/2"	11/16-20	62NAB8	14.37	10
5/8"	13/16-18	62NAB10	29.00	10
3/4"	1-18	62NAB12	62.75	10

Bulkhead Unions



Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16-24	62NABH4	\$40.80	10
3/8"	17/32-24	62NABH6	54.20	10
1/2"	11/16-20	62NABH8	87.95	10

Bulkhead Unions



Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	5/16-24	62NBH3	\$52.26	10
1/4"	7/16-24	62NBH4	26.40	10
3/8"	17/32-24	62NBH6	35.44	10
1/2"	11/16-20	62NBH8	33.15	10
5/8"	13/16-18	62NBH10	101.83	10

Bulkhead Unions



Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16-24	62NFBH4	\$16.01	10
3/8"	17/32-24	62NFBH6	38.00	10
1/2"	11/16-20	62NFBH8	29.66	10
5/8"	13/16-18	62NFBH10	44.81	10

Bulkhead Union



Tube OD	Pipe Thread	Part #	Price/E	Pkg Qty
1/2"	3/8"	66NBH86	\$40.09	10

Male Run Tees



• ref. SAE 100103 BA

Tube OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	1/8"	7/16-24	71NAB42VS	\$15.73	25
1/4"	1/4"	7/16-24	71NAB44VS	19.19	10
3/8"	1/4"	17/32-24	71NAB64VS	19.19	10
3/8"	3/8"	17/32-24	71NAB66VS	23.52	10
1/2"	3/8"	11/16-20	71NAB86VS	26.82	10
1/2"	1/2"	11/16-20	71NAB88VS	43.84	10
5/8"	1/2"	13/16-18	71NAB108VS	120.81	10

Male Branch Tees



• ref. SAE 100425 BA

Tube OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/8"	7/16-24	72NAB32VS	\$126.63	10
1/4"	1/8"	7/16-24	72NAB42VS	16.84	10
1/4"	1/4"	7/16-24	72NAB44VS	18.33	10
3/8"	1/8"	17/32-24	72NAB62VS	21.20	10
3/8"	1/4"	17/32-24	72NAB64VS	18.14	10
3/8"	3/8"	17/32-24	72NAB66VS	19.22	10
1/2"	1/4"	11/16-20	72NAB84VS	55.58	10
1/2"	3/8"	11/16-20	72NAB86VS	26.17	10
1/2"	1/2"	11/16-20	72NAB88VS	32.42	10
5/8"	1/2"	13/16-18	72NAB108VS	51.27	10

Union Tees



• ref. SAE 100401 BA

Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16-24	64NAB4	\$18.76	25
3/8"	17/32-24	64NAB6	22.03	25
1/2"	11/16-20	64NAB8	33.14	10
5/8"	13/16-18	64NAB10	94.12	10

Air Brake Fittings

Union Elbows



45° Elbows



• ref. SAE 100302 BA

Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16-24	65NAB4	\$25.30	10
3/8"	17/32-24	65NAB6	24.51	10
1/2"	11/16-20	65NAB8	25.31	10
5/8"	13/16-18	65NAB10	49.11	10

Tube OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	1/8"	7/16-24	79NAB42VS	\$10.20	10
1/4"	1/4"	7/16-24	79NAB44VS	12.94	10
3/8"	1/8"	17/32-24	79NAB62VS	22.18	10
3/8"	1/4"	17/32-24	79NAB64VS	12.51	10
3/8"	3/8"	17/32-24	79NAB66VS	13.51	10
3/8"	1/2"	17/32-24	79NAB68VS	21.26	10
1/2"	1/4"	11/16-20	79NAB84VS	24.69	10
1/2"	3/8"	11/16-20	79NAB86VS	21.26	10
1/2"	1/2"	11/16-20	79NAB88VS	26.97	10
5/8"	3/8"	13/16-18	79NAB106VS	33.04	10
5/8"	1/2"	13/16-18	79NAB108VS	33.04	10
3/4"	1/2"	1-18	79NAB128VS	36.03	10

Female Elbows



Male Elbows



• ref. SAE 100203 BA

Tube OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/8"	5/16-24	70NAB32	\$65.04	25
1/4"	1/8"	7/16-24	70NAB42	15.02	25
1/4"	1/4"	7/16-24	70NAB44	53.93	25
3/8"	1/8"	17/32-24	70NAB62	26.68	10
3/8"	1/4"	17/32-24	70NAB64	25.44	10
3/8"	3/8"	17/32-24	70NAB66	25.44	10
1/2"	3/8"	11/16-20	70NAB86	50.43	10
1/2"	1/2"	11/16-20	70NAB88	54.63	10
5/8"	1/2"	13/16-18	70NAB108	72.20	10

Tube OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/8"	5/16-24	69NAB32VS	\$20.21	10
3/16"	1/4"	5/16-24	69NAB34VS	29.00	10
1/4"	1/8"	7/16-24	69NAB42VS	7.46	50
1/4"	1/4"	7/16-24	69NAB44VS	9.62	50
1/4"	3/8"	7/16-24	69NAB46VS	10.01	10
3/8"	1/8"	17/32-24	69NAB62VS	10.63	10
3/8"	1/4"	17/32-24	69NAB64VS	9.78	25
3/8"	3/8"	17/32-24	69NAB66VS	9.92	25
3/8"	1/2"	17/32-24	69NAB68VS	17.99	10
1/2"	1/4"	11/16-20	69NAB84VS	17.56	10
1/2"	3/8"	11/16-20	69NAB86VS	16.55	10
1/2"	1/2"	11/16-20	69NAB88VS	18.23	10
5/8"	3/8"	13/16-18	69NAB106VS	27.86	10
5/8"	1/2"	13/16-18	69NAB108VS	24.68	5
3/4"	1/2"	1-18	69NAB128VS	56.99	5
3/4"	3/4"	1-18	69NAB1212VS	100.22	5

Air Brake Fittings**Springs****New
for 2012**

Hose Size	Part #	Price/E
3/8"	56RBSG-06	\$2.32
1/2"	56RBSG-08	2.40

**Spring Guard Nuts**

Hose Size	Straight Thread	Part #	Price/E
3/8"	31-32-20	61RBSG-06	\$5.66
1/2"	1-3/32-20	61RBSG-08	9.10

**Hose Nut and Attached Spring**

Hose Size	Length	Part #	Price/E
3/8"	3 1/2"	67RBSG-06	\$6.94
1/2"	3 3/4"	67RBSG-08	13.40

**Male Connector - Body Only**

Hose Size	Straight Thread	Pipe Thread	Hex	Part #	Price/E
3/8"	31-32-20	1/4"	31/32"	68RB-0604B	\$6.97
3/8"	31-32-20	3/8"	31/32"	68RB-0606B	7.24
3/8"	31-32-20	1/2"	31/32"	68RB-0608B	9.30
1/2"	1-3/32-20	3/8"	1-1/8"	68RB-0806B	13.86
1/2"	1-3/32-20	1/2"	1-1/8"	68RB-0808B	16.67

**Male Connector with Spring Guard**

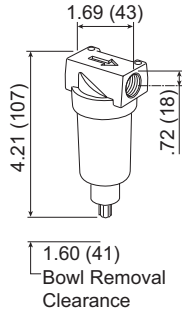
Hose Size	Pipe Thread	Hex	Part #	Price/E
3/8"	1/4"	31/32"	68RBSG-0604	\$15.90
3/8"	3/8"	31/32"	68RBSG-0606	16.52
3/8"	1/2"	31/32"	68RBSG-0608	17.75
1/2"	3/8"	1-1/8"	68RBSG-0806	28.86
1/2"	1/2"	1-1/8"	68RBSG-0808	30.15

Air
Fittings

Wilkerson Miniature Filters



transparent bowl

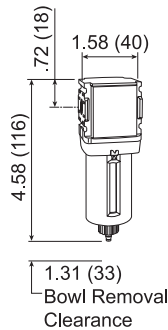


- excellent water removal efficiency
- 5 micron element
- .5 oz. bowl
- maximum operating conditions:
transparent bowl: **150 PSIG** (10 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **250 PSIG** (17 bar) and **32°F to 175°F** (0°C to 80°C)

Size	SCFM	With Transparent Bowl				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	22	F03-01A	\$55.75	F03-01M	\$46.25	F03-01AMB	\$63.25	F03-01MMB	\$53.70
1/4"	24	F03-02A	55.75	F03-02M	46.25	F03-02AMB	63.25	F03-02MMB	53.70



metal bowl

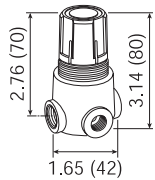


- 5 micron element
- .4 oz. bowl
- maximum operating conditions:
transparent bowl: **150 PSIG** (10 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **250 PSIG** (17 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	25	F08-01A	\$59.10	F08-01M	\$51.15	F08-01AMB	\$66.30	F08-01MMB	\$58.80
1/4"	50	F08-02A	59.10	F08-02M	51.15	F08-02AMB	66.30	F08-02MMB	58.80

See pages 208-211 for filter accessories.

Wilkerson Miniature Regulators



- 2-125 PSI adjusting range
- balanced valve design
- self-relieving standard
- non-rising push/pull locking adjustment knob
- two 1/8" NPT gauge ports standard on models without gauge, one 1/8" NPT gauge port standard on models with gauge - can be used for additional outlet ports.
- models supplied without gauge use a GC620 gauge.
- panel mount nuts sold separately
- maximum operating conditions:
300 PSIG (20.17 bar) and **32°F to 125°F** (0°C to 52°C)

Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/8"	13	R03-01RG	\$52.05	R03-01R	\$35.35
1/4"	15	R03-02RG	52.05	R03-02R	35.35

See pages 211-213 for regulator accessories.

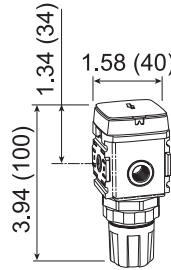


FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Miniature Regulators

- 0-125 PSI adjusting range
- balanced valve design
- self-relieving standard
- non-rising push/pull locking adjustment knob
- two 1/8" NPT gauge ports standard on models without gauge, one 1/8" NPT gauge port standard on models with gauge - can be used for additional outlet ports.
- models with gauge are supplied with a 0-160 flush mount style gauge
- models supplied without gauge use a GC620 gauge.
- panel mount nuts sold separately
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

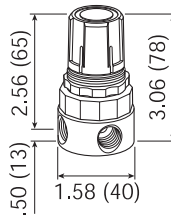


Air Fittings

Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/8"	29.2	R08-01RG	\$62.55	R08-01R	\$41.30
1/4"	44	R08-02RG	62.55	R08-02R	41.30

Wilkerson Miniature Water Regulators

- 2-125 PSI adjusting range
- suitable for water and compressed air service
- brass construction - wetted parts
- non-relieving spring-loaded diaphragm
- panel mount nut included
- two 1/8" NPT gauge ports standard
- models supplied without gauge use a GC620 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 40°F to 125°F (4.4°C to 52°C)

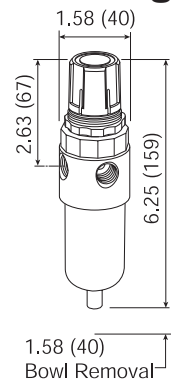


Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/8"	11	RB3-01RG	\$65.50	RB3-01R	\$48.80
1/4"	14	RB3-02RG	65.50	RB3-02R	48.80

See pages 211-213 for regulator accessories.

Wilkerson Miniature Filter / Regulators

- 2-125 PSI adjusting range
- 5 micron element
- .5 oz. bowl
- self-relieving
- supplied with a GC620 gauge
- maximum operating conditions:
transparent bowl: **125 PSIG (8.6 bar) and 40°F to 125°F (4.4°C to 52°C)**
metal bowl: **300 PSIG (20.7 bar) and 40°F to 125°F (4.4°C to 52°C)**



transparent bowl

Size	SCFM	With Transparent Bowl				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	13	BB3-01AG	\$122.25	BB3-01MG	\$113.40	BB3-01AGMB	\$129.75	BB3-01MGMB	\$120.70
1/4"	16	BB3-02AG	122.25	BB3-02MG	113.40	BB3-02AGMB	129.75	BB3-02MGMB	120.70

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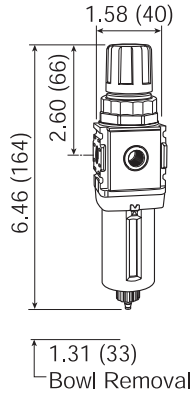
SAFETY
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SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Miniature Filter / Regulators



metal bowl



- 0-125 PSI adjusting range
- 5 micron element
- .4 oz. bowl
- self-relieving
- supplied with a 0-160 PSI flush mount style gauge
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

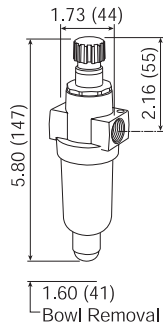
Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	28.6	B08-01AG	\$110.80	B08-01MG	\$101.50	B08-01AGMB	\$130.00	B08-01MGMB	\$122.50
1/4"	42.1	B08-02AG	110.80	B08-02MG	101.50	B08-02AGMB	130.00	B08-02MGMB	122.50

See pages 216-217 for filter/regulator accessories.

Wilkerson Miniature Lubricators



transparent bowl



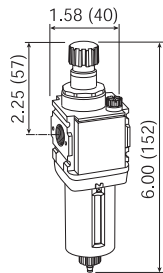
- 1 oz. bowl
- adjustable oil feed
- full view sight dome
- *Do not fill under pressure. Air supply must be turned off and pressure bled from unit prior to adding oil.*
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **250 PSIG** (17.2 bar) and **32°F to 175°F** (0°C to 80°C)

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Size	SCFM	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/8"	20	L03-01A	\$70.90	L03-01AMB	\$78.35
1/4"	20	L03-02A	70.90	L03-02AMB	78.35



metal bowl



- .6 oz. bowl
- adjustable oil feed
- full view sight dome
- fill under pressure design
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	SCFM	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/8"	23.5	L08-01A	\$72.25	L08-01AMB	\$79.90
1/4"	57.5	L08-02A	72.25	L08-02AMB	79.90

See pages 214-216 for lubricator accessories. See page 136 for air tool lubricant.

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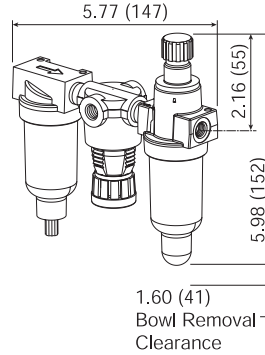
SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Miniature Combination Units (Filter, Regulator, Lubricator)

- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **250 PSIG** (17.2 bar) and **32°F to 175°F** (0°C to 80°C)

- Filter series F03:**
- 5 micron element
 - .5 oz. bowl
- Regulator series R03:**
- 2-125 PSI adjusting range
 - balanced valve design
 - self-relieving
 - supplied with a GC620 gauge
 - Regulator can be mounted with knob in up or down position.

- Lubricator series L03:**
- 1 oz. bowl
 - adjustable oil feed
 - full view sight dome
- Included components:**
- (2) adapters



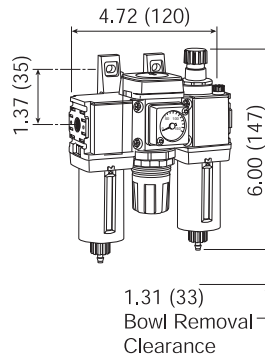
Air Fittings

Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	20	C03-01A	\$222.60	C03-01M	\$213.10	C03-01AMB	\$237.55	C03-01MMB	\$228.00
1/4"	20	C03-02A	223.40	C03-02M	213.90	C03-02AMB	238.35	C03-02MMB	228.80

- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

- Filter series F08:**
- 5 micron element
 - .4 oz. bowl
- Regulator series R08:**
- 0-125 PSI adjusting range
 - balanced valve design
 - self-relieving
 - supplied with a 0-160 PSI flush mount style gauge

- Lubricator series L08:**
- .6 oz. bowl
 - adjustable oil feed
 - full view sight dome
- Included components:**
- (2) mounting brackets with joiner set



Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	29	C08-01A	\$261.90	C08-01M	\$253.95	C08-01AMB	\$276.75	C08-01MMB	\$269.25
1/4"	44	C08-02A	261.90	C08-02M	253.95	C08-02AMB	276.75	C08-02MMB	269.25

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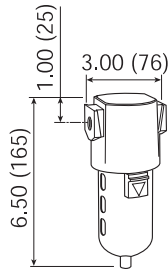
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SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Airline Compact Filters



with guard

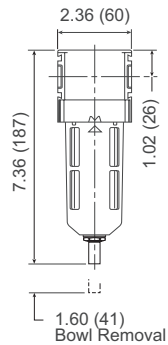


- 5 micron element
- 5 oz. bowl
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	63.0	F16-02A	\$175.60	F16-02M	\$119.95	F16-02AMB	\$191.80	F16-02MMB	\$136.15
3/8"	74.1	F16-03A	175.60	F16-03M	119.95	F16-03AMB	191.80	F16-03MMB	136.15
1/2"	80.4	F16-04A	175.60	F16-04M	119.95	F16-04AMB	191.80	F16-04MMB	136.15



with metal bowl



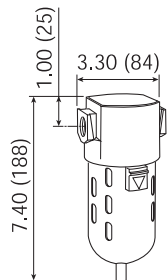
- high flow capacity
- 5 micron element
- 4 oz. bowl
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	110	F18-02A	\$146.50	F18-02M	\$93.30	F18-02AMB	\$160.20	F18-02MMB	\$107.60
3/8"	120	F18-03A	146.50	F18-03M	93.30	F18-03AMB	160.20	F18-03MMB	107.60
1/2"	145	F18-04A	146.50	F18-04M	93.30	F18-04AMB	160.20	F18-04MMB	107.60

Wilkerson Airline Standard Filters



with guard



- 5 micron element
- 10 oz. bowl
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	81.3	F26-02A	\$218.00	F26-02M	\$162.35	F26-02AMB	\$235.80	F26-02MMB	\$180.20
3/8"	117.8	F26-03A	218.00	F26-03M	162.35	F26-03AMB	235.80	F26-03MMB	180.20
1/2"	149.8	F26-04A	218.00	F26-04M	162.35	F26-04AMB	235.80	F26-04MMB	180.20

See pages 208-211 for filter accessories.

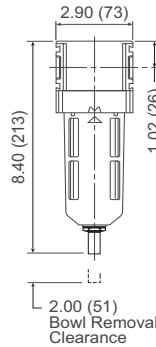


FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Airline Standard Filters

- high flow capacity
- 5 micron element
- 6 oz. bowl
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)



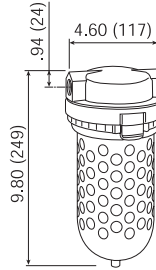
with metal bowl

Air Fittings

Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/8"	144	F28-03A	\$181.30	F28-03M	\$128.65	F28-03AMB	\$196.25	F28-03MMB	\$143.60
1/2"	160	F28-04A	181.30	F28-04M	128.65	F28-04AMB	196.25	F28-04MMB	143.60
3/4"	165	F28-06A	181.30	F28-06M	128.65	F28-06AMB	196.25	F28-06MMB	143.60

Wilkerson Airline Jumbo Filters

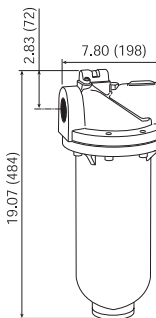
- 5 micron element
- 1 qt. bowl
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)



with guard

Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	316	F30-06A	\$328.75	F30-06M	\$273.15	F30-06AMB	\$381.95	F30-06MMB	\$326.30
1"	323	F30-08A	328.75	F30-08M	273.15	F30-08AMB	381.95	F30-08MMB	326.30

- 5 micron element
- 1 qt. bowl
- maximum operating conditions:
metal bowl: **150 PSIG** (10.3 bar) and **32°F to 150°F** (0°C to 65.5°C)



with metal bowl

Size	SCFM	With Heavy Duty Metal Bowl			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1 1/2"	1280	F35-0BAMB	\$1288.50	F35-0BMMB	\$1232.85
2"	1400	F35-0CAMB	1288.50	F35-0CMMB	1232.85

See pages 208-211 for filter accessories.

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SCFM ratings at 150 PSIG inlet pressure.

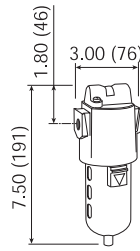
Wilkerson Modular Coalescing Filters

- for removal of extremely fine oil mists, oil aerosols and microscopic particles
- A standard airline filter should be installed as a pre-filter when using a coalescing filter.
- 0.5 micron type B and 0.003 micron type D elements are optional
- differential pressure indicator changes from green to red with pressure loss

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with guard

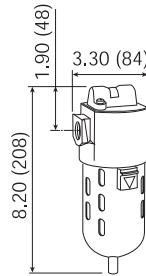


- 0.01 micron type C element
- 5 oz. bowl
- can be installed in modular system
- maximum operating conditions:
150 PSIG (10.3 bar) and **32°F to 125°F** (0°C to 52°C)

Size	SCFM	With Compact Transparent Bowl and Guard			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	37.0	M16-02A	\$276.25	M16-02M	\$220.60
3/8"	44.7	M16-03A	276.25	M16-03M	220.60
1/2"	46.1	M16-04A	276.25	M16-04M	220.60



with guard

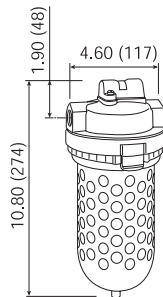


- 0.01 micron type C element
- 10 oz. bowl
- can be installed in modular system
- maximum operating conditions:
150 PSIG (10.3 bar) and **32°F to 125°F** (0°C to 52°C)

Size	SCFM	With Standard Transparent Bowl and Guard			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	55.0	M26-02A	\$337.75	M26-02M	\$282.15
3/8"	65.5	M26-03A	337.75	M26-03M	282.15
1/2"	79.5	M26-04A	337.75	M26-04M	282.15



with guard



- 0.01 micron type C element
- 1 qt. bowl
- maximum operating conditions:
150 PSIG (10.3 bar) and **32°F to 125°F** (0°C to 52°C)

Size	SCFM	With Jumbo Transparent Bowl and Guard	
		Automatic Drain	
		Part #	Price/E
1/2"	123	M30-04A	\$573.10
3/4"	173	M30-06A	573.10
1"	203	M30-08A	573.10

See pages 208-211 for filter accessories.

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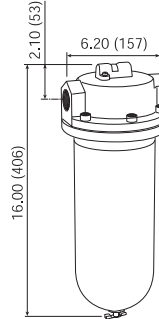
SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Heavy Duty Modular Coalescing Filters

- for removal of extremely fine oil mists, oil aerosols and microscopic particles
- A standard airline filter should be installed as a pre-filter when using a coalescing filter.
- 1.0 micron type B1 and 0.003 micron type D elements are optional
- differential pressure indicator changes from green to red with pressure loss

SAFETY
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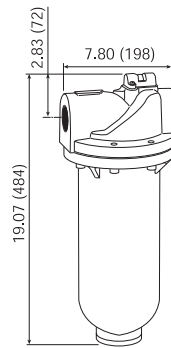
- 0.01 micron type C element
- 1 qt. bowl
- differential pressure indicator eliminates the guesswork of element placement
- maximum operating conditions:
150 PSIG (10.3 bar) and **32°F to 150°F** (0°C to 65.5°C)



with metal bowl

Size	SCFM	With Metal Bowl	
		Automatic Drain	
		Part #	Price/E
1 1/4"	741	M32-0AAMB	\$1640.95

- 0.01 micron type C element
- 1 qt. bowl
- differential pressure indicator eliminates the guesswork of element placement
- maximum operating conditions:
150 PSIG (10.3 bar) and **32°F to 150°F** (0°C to 65.5°C)



with metal bowl

Size	SCFM	With Metal Bowl	
		Automatic Drain	
		Part #	Price/E
1 1/2"	710	M35-0BAMB	\$1789.55
2"	710	M35-0CAMB	1789.55

See pages 208-211 for filter accessories.

FRL's are designed for air service only, unless otherwise indicated.

SAFETY
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SCFM ratings at 150 PSIG inlet pressure.

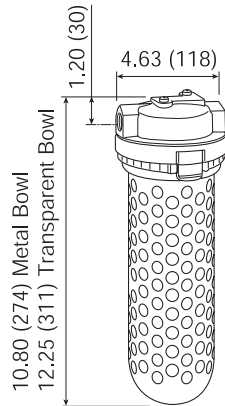
Wilkerson Manual In-Line Desiccant Dryers

Manual air dryers are used to remove water vapor from compressed air systems, in applications such as paint spraying, laboratory instruments and small control air systems. Filtration for absorber type dryers is important to protect the desiccant bed from contamination. Cleaner incoming air will result in better performance, longer life and fewer service problems. To regenerate silica gel desiccant, it must be heated to at least 350°F for approximately 3 hours or until color has changed from pink to blue. Allow desiccant to cool to room temperature before pouring back into unit bowl.

SAFETY ALERT An after-filter should be placed downstream from the desiccant dryer to ensure solid contaminants such as desiccant dust do not migrate downstream.



with metal bowl



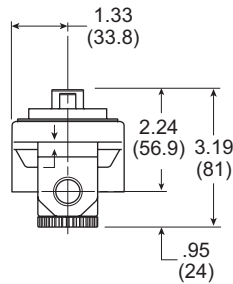
- 1.64 lb. bowl
- will dry up to 4400 standard cubic feet of air
- desiccant is good for approximately 440 minutes at maximum continuous air flow before regeneration is required
- silica gel changes from blue to pink to indicate the need to replace or regenerate the desiccant
- slotted bowl guard for visual detection of color change
- no electrical connection necessary
- provides atmospheric dew point of -45°F with dry desiccant at **100 PSI** and **70°F**
- maximum operating conditions:
transparent bowl: **150 PSIG** (10 bar) and **125°F** (52°C)
metal bowl: **150 PSIG** (10 bar) and **150°F** (66°C)

Size	SCFM	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	10	X03-02	\$331.40	X03-02MB	\$431.55

See page 208 for silica gel refill.

Wilkerson Dial Air Regulators

Dial-air regulators feature a transparent, pressure-calibrated, non-rising adjustment dial for quick adjustment of secondary pressure. The full reduced pressure range can be dialed in less than 270° of dial rotation. This feature is particularly advantageous if secondary pressure must be changed frequently. Dial air regulators can be mounted in any position so dial face is always visible. All dial-air units have a slight constant air bleed.



- 0-160 PSI adjusting range
- balanced valve design
- relieving type
- non-rising pressure adjusting dial
- piston operated
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports.
- models supplied without gauge use a GC230 gauge
- maximum supply pressure: **300 PSIG** (20.7 bar)
- operating temperature: **32°F** to **150°F** (0°C to 65.5°C)

Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	117	R21-02RG	\$211.50	R21-02R	\$190.80
3/8"	180	R21-03RG	211.50	R21-03R	190.80
1/2"	195	R21-04RG	211.50	R21-04R	190.80
3/4"	220	R21-06RG	211.50	R21-06R	190.80

See pages 211-213 for regulator accessories.

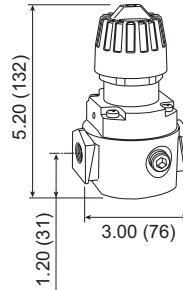
SAFETY ALERT

FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Wilkerson Compact Regulators

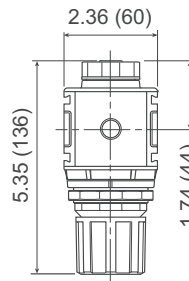
- 0-125 PSI adjusting range
- for 0-60 PSI adjusting range, add an L to the end of the part number
- self-relieving standard
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)



Air Fittings

Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	71.5	R16-02RG	\$115.80	R16-02R	\$95.10
3/8"	80.5	R16-03RG	115.80	R16-03R	95.10
1/2"	88.0	R16-04RG	115.80	R16-04R	95.10

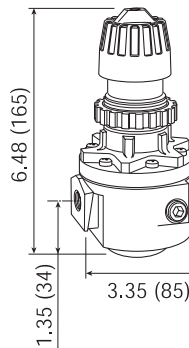
- 0-125 PSI adjusting range
- self-relieving standard
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- Two 1/4" NPT gauge ports located on the front and rear faces of the body. These ports may be used as additional regulated ports or for pressure gauges.
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)



Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	82	R18-02RG	\$92.55	R18-02R	\$71.85
3/8"	97	R18-03RG	92.55	R18-03R	71.85
1/2"	97	R18-04RG	92.55	R18-04R	71.85

Wilkerson Standard Regulators

- 0-125 PSI adjusting range
- non-rising push/pull locking adjustment knob
- panel mount nut standard
- excellent flow characteristics
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)



Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	112	R26-02RG	\$165.55	R26-02R	\$144.85
3/8"	148	R26-03RG	165.55	R26-03R	144.85
1/2"	185	R26-04RG	165.55	R26-04R	144.85

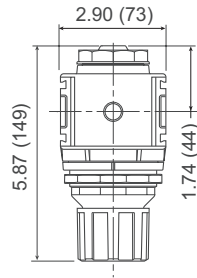
See pages 211-213 for regulator accessories.

FRL's are designed for air service only, unless otherwise indicated.

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SCFM ratings at 100 PSIG inlet pressure.

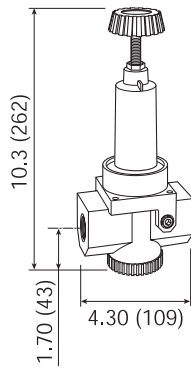
Wilkerson Standard Regulators



- 0-125 PSI adjusting range
- self-relieving standard
- four adjusting pressure ranges available
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- Two 1/4" NPT gauge ports located on the front and rear faces of the body. These ports may be used as additional regulated ports or for pressure gauges.
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

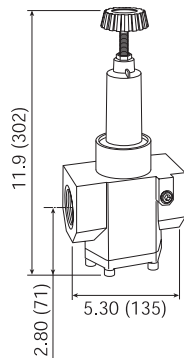
Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
3/8"	162	R28-03RG	\$132.85	R28-03R	\$112.15
1/2"	170	R28-04RG	132.85	R28-04R	112.15
3/4"	176	R28-06RG	132.85	R28-06R	112.15

Wilkerson High Flow Regulators



- 0-125 PSI adjusting range
- self-relieving standard
- piston operated
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
3/4"	480	R30-06RG	\$261.75	R30-06R	\$241.05
1"	500	R30-08RG	261.75	R30-08R	241.05
1 1/4"	800	R30-0ARG	261.75	R30-0AR	241.05



- 0-125 PSI adjusting range
- self-relieving standard
- piston operated
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1 1/2"	1200	R40-0BRG	\$479.05	R40-0BR	\$458.35
2"	1200	R40-0CRG	479.05	R40-0CR	458.35

See pages 211-213 for regulator accessories.

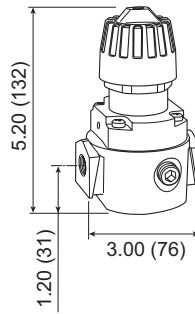


FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Wilkerson High Pressure Compact Regulators

- 0-250 PSI adjusting range
- self-relieving standard
- non-rising push/pull locking adjustment knob
- panel mount nut standard
- excellent flow characteristics
- can be installed with the adjusting knob in any position
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC240 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and **32°F to 150°F** (0°C to 65.5°C)

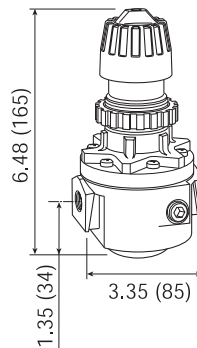


Air
Fittings

Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	71.5	R16-02RHG	\$115.80	R16-02RH	\$95.10
3/8"	80.5	R16-03RHG	115.80	R16-03RH	95.10
1/2"	88.0	R16-04RHG	115.80	R16-04RH	95.10

Wilkerson High Pressure Standard Regulators

- 0-250 PSI adjusting range
- self-relieving standard
- non-rising push/pull locking adjustment knob
- panel mount nut standard
- excellent flow characteristics
- can be installed with the adjusting knob in any position
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC240 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and **32°F to 150°F** (0°C to 65.5°C)



Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	112	R26-02RHG	\$165.55	R26-02RH	\$144.85
3/8"	148	R26-03RHG	165.55	R26-03RH	144.85
1/2"	185	R26-04RHG	165.55	R26-04RH	144.85

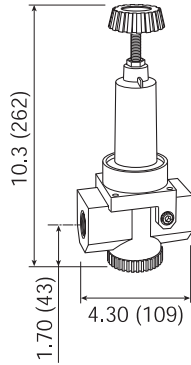
See pages 211-213 for regulator accessories.

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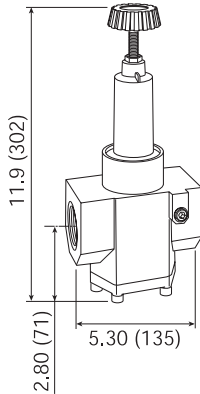
SCFM ratings at 100 PSIG inlet pressure.

Wilkerson High Pressure High Flow Regulators



- 0-180 PSI adjusting range
- self-relieving standard
- piston operated
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC240 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
3/4"	480	R30-06RHG	\$261.75	R30-06RH	\$241.05
1"	500	R30-08RHG	261.75	R30-08RH	241.05
1 1/4"	800	R30-0ARHG	261.75	R30-0ARH	241.05



- 0-180 PSI adjusting range
- self-relieving standard
- piston operated
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC240 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1 1/2"	1200	R40-0BRHG	\$479.05	R40-0BRH	\$458.35
2"	1200	R40-0CRHG	479.05	R40-0CRH	458.35

See pages 211-213 for regulator accessories.

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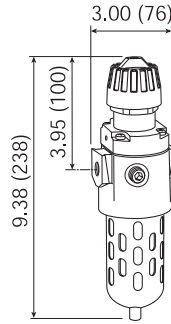
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Wilkerson Compact Filter / Regulators

Over-under units are space savers and provide for installation in tight areas. One common inlet/outlet for both filter and regulator saves on piping costs.

- 0-125 PSIG adjusting range
- 5 micron reusable element
- 5 oz. bowl
- self-relieving standard
- diaphragm operated
- quick-disconnect bowl guard with integral plastic bowl and safety latch standard
- Two 1/4" gauge ports are provided in either side of the regulator body for installation of a gauge or to use as an additional outlet port. Plug unused port(s).
- supplied with GC230 gauge
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

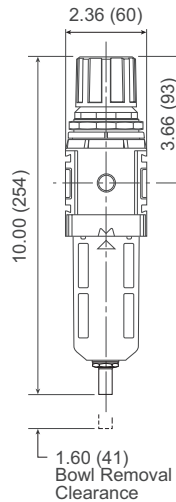


with guard

Air Fittings

Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	64.0	CB6-02AG	\$251.35	CB6-02MG	\$199.45	CB6-02AGMB	\$267.55	CB6-02MGMB	\$215.45
3/8"	70.0	CB6-03AG	251.35	CB6-03MG	199.45	CB6-03AGMB	267.55	CB6-03MGMB	215.45
1/2"	70.0	CB6-04AG	251.35	CB6-04MG	199.45	CB6-04AGMB	267.55	CB6-04MGMB	215.45

- 0-125 PSIG adjusting range
- 5 micron element
- 4 oz. bowl
- self-relieving standard
- spring-loaded diaphragm
- To increase regulated pressure, pull adjusting knob and turn clockwise. To reduce pressure, turn knob counter clockwise. To lock knob, push down.
- Two 1/4" gauge ports located on the front and rear faces of the body. These ports may be used as additional regulated ports or for pressure gauges. Plug unused port(s).
- supplied with GC230 gauge
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)



with metal bowl

Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	88	B18-02AG	\$228.70	B18-02MG	\$176.00	B18-02AGMB	\$240.60	B18-02MGMB	\$190.30
3/8"	117	B18-03AG	228.70	B18-03MG	176.00	B18-03AGMB	240.60	B18-03MGMB	190.30
1/2"	121	B18-04AG	228.70	B18-04MG	176.00	B18-04AGMB	240.60	B18-04MGMB	190.30

See pages 216-217 for filter/regulator accessories.

FRL's are designed for air service only, unless otherwise indicated.

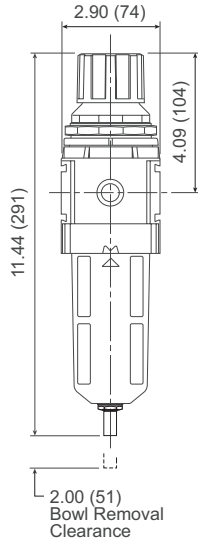
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SCFM ratings at 100 PSIG inlet pressure.

Wilkerson Standard Filter / Regulators



with metal bowl



- 0-125 PSIG adjusting range
- 5 micron element
- 6 oz. bowl
- self-relieving standard
- spring-loaded diaphragm
- To increase regulated pressure, pull adjusting knob and turn clockwise. To reduce pressure, turn knob counter clockwise. To lock knob, push down.
- Two 1/4" gauge ports located on the front and rear faces of the body. These ports may be used as additional regulated ports or for pressure gauges. Plug unused port(s).
- supplied with GC230 gauge
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/8"	140	B28-03AG	\$264.70	B28-03MG	\$212.05	B28-03AGMB	\$277.30	B28-03MGMB	\$227.00
1/2"	165	B28-04AG	264.70	B28-04MG	212.05	B28-04AGMB	277.30	B28-04MGMB	227.00
3/4"	175	B28-06AG	264.70	B28-06MG	212.05	B28-06AGMB	277.30	B28-06MGMB	227.00

See pages 216-217 for filter/regulator accessories.

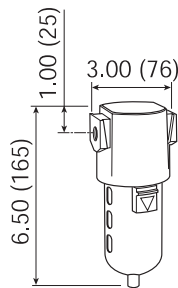
SCFM ratings at 100 PSIG inlet pressure.

Wilkerson EconOmist® Type Lubricators

Designed so that all the oil flow observed in the sight dome is broken into a mist and delivered via the airflow to the application. The oil in the bowl can be filled or replenished without interrupting airflow or bleeding pressure from the system. Once the oil-fill cap is removed, the bowl is depressurized and isolated from line pressure, and the bowl itself can then be removed for faster refill, if desired. The bowl can be filled right to the top.



with metal bowl



- 5 oz. bowl
- full view sight dome
- fill under pressure design
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	SCFM	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	36.1	L16-02A	\$143.20	L16-02AMB	\$159.40
3/8"	58.5	L16-03A	143.20	L16-03AMB	159.40
1/2"	64.0	L16-04A	143.20	L16-04AMB	159.40

See pages 214-216 for lubricator accessories. See page 136 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Lubricators

Flow Guide®

The elastomer disc-shaped device is located in the throat of all Wilkerson lubricators and automatically maintains a constant ratio of oil flow to airflow regardless of changing rates of airflow. This allows one lubricator to serve several pneumatic components operating together or intermittently.

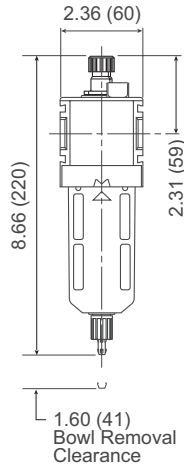
Type of oil to use:

For all Wilkerson lubricators, use any petroleum-base, non-detergent light weight oil (SAE 10/150SSU) which will readily break up into a mist, i.e., Mobil DTE light or comparable oil. Do not use any synthetic oil or oils containing additives or solvents. See page 136 for air tool lubricants.

Air Fittings

Wilkerson EconOmist® Compact Lubricators

- 4.09 oz. bowl
- manual drain
- high flow capacity
- can be filled under pressure
- To adjust and set oil delivery rate the unit must be pressurized and air must be flowing through the unit. Turn the sight dome, located on the top of the unit, counter clockwise to initiate oil delivery. If flow increases or decreases, the oil delivery rate will increase or decrease proportionally. Turning the sight dome clockwise will stop all oil delivery.
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

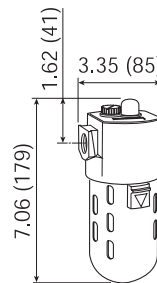


with metal bowl

Size	SCFM	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	88	L18-02A	\$114.05	L18-02AMB	\$128.30
3/8"	90	L18-03A	114.05	L18-03AMB	128.30
1/2"	96	L18-04A	114.05	L18-04AMB	128.30

Wilkerson EconOmist® Standard Lubricators

- 10 oz. bowl
- adjustable oil feed
- can be filled under pressure
- quick-disconnect metal bowl guard with integral safety latch
- siphon tube filter provides clean lubricant downstream
- The rate of oil delivery may be controlled by turning the adjusting screw counter clockwise for more and clockwise for less oil delivery. If flow increases or decreases, the oil delivery rate will increase or decrease proportionally.
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)



with metal bowl

* metal bowl has sight gauge with brass petcock drain

Size	SCFM	With Transparent Bowl		With Metal Bowl *	
		Part #	Price/E	Part #	Price/E
1/4"	35	L26-02A	\$175.60	L26-02AMB	\$193.45
3/8"	60	L26-03A	175.60	L26-03AMB	193.45
1/2"	128	L26-04A	175.60	L26-04AMB	193.45

See pages 214-216 for lubricator accessories. See page 136 for air tool lubricant.

FRL's are designed for air service only, unless otherwise indicated.

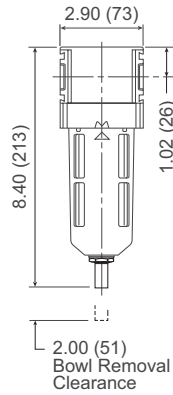
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SCFM ratings at 150 PSIG inlet pressure.

Wilkerson EconOmist® Standard Lubricators



with metal bowl



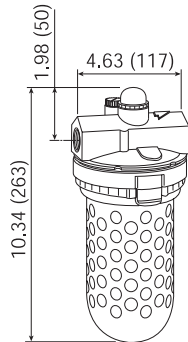
- 6.11 oz. bowl
- manual drain
- high flow capacity
- can be filled under pressure
- To adjust and set oil delivery rate the unit must be pressurized and air must be flowing through the unit. Turn the sight dome, located on the top of the unit, counter clockwise to initiate oil delivery. If flow increases or decreases, the oil delivery rate will increase or decrease proportionally. Turning the sight dome clockwise will stop all oil delivery.
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	SCFM	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/8"	176	L28-03A	\$139.65	L28-03AMB	\$154.65
1/2"	184	L28-04A	139.65	L28-04AMB	154.65
3/4"	200	L28-06A	139.65	L28-06AMB	154.65

SCFM ratings at 150 PSIG inlet pressure.



with metal bowl



- 26 oz. bowl
- transparent bowl: no drain
metal bowl: manual brass petcock drain
- can be filled under pressure
- The rate of oil delivery may be controlled by turning the adjusting screw counter clockwise for more and clockwise for less oil delivery. The oil delivery rate will change automatically to deliver more oil during higher air flows and less oil for air flows lower than the one at which the setting was made.
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	SCFM	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/4"	196	L30-06A	\$269.85	L30-06AMB	\$323.05
1"	374	L30-08A	269.85	L30-08AMB	323.05

See pages 214-216 for lubricator accessories. See page 136 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 120 PSIG inlet pressure.

Wilkerson EconOmist® Standard Lubricators

- 26 oz. bowl
- transparent bowl: solid bottom
metal bowl: manual drain with sight glass
- full view sight dome
- adjustable oil feed
- can be filled under pressure
- quick-disconnect clamp ring for easy bowl removal
- The rate of oil delivery may be controlled by turning the adjusting screw counter clockwise for more and clockwise for less oil delivery. The oil delivery rate will change automatically to deliver more oil during higher air flows and less oil for air flows lower than the one at which the setting was made.
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **200 PSIG** (14 bar) and **32°F to 150°F** (0°C to 65.5°C)

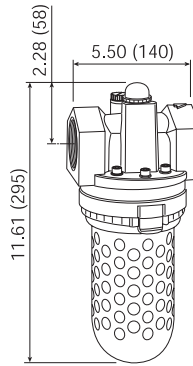


illustration represents L40 series



with metal bowl

Air Fittings

Size	SCFM	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1¼"	927	L40-0AA	\$610.55	L40-0AAMB	\$663.75
1½"	927	L40-0BA	610.55	L40-0BAMB	663.75
2"	1186	L50-0CA	828.00	L50-0CAMB	881.20

See pages 214-216 for lubricator accessories. See page 136 for air tool lubricant.

SCFM ratings at 120 PSIG inlet pressure.

Wilkerson Compact Combination Units

- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **200 PSIG** (13.8 bar) and **32°F to 175°F** (0°C to 80°C)

Filter series F16:

- 5 micron element
- 5 oz. bowl

Regulator series R16:

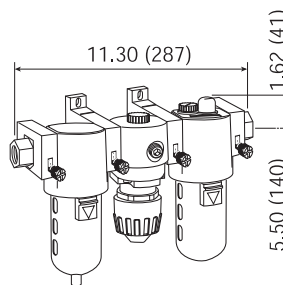
- 0-125 PSI adjusting range
- self-relieving
- supplied with a GC230 gauge

Lubricator series L16:

- 5 oz. bowl
- adjustable oil feed
- full view sight dome

Included components:

- (2) modular sleeves
- (2) mounting brackets (sleeve and bracket)
- (2) end blocks



with metal bowl

Size	SCFM	With Transparent Bowl and Guard				Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	36.1	C16-02A	\$604.25	C16-02M	\$548.60	C16-02AMB	\$636.65	C16-02MMB	\$581.00
3/8"	58.5	C16-03A	604.25	C16-03M	548.60	C16-03AMB	636.65	C16-03MMB	581.00
1/2"	64.0	C16-04A	604.25	C16-04M	548.60	C16-04AMB	636.65	C16-04MMB	581.00

FRL's are designed for air service only, unless otherwise indicated.

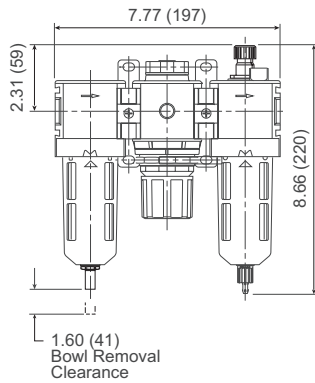
SAFETY
ALERT

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Compact Combination Units



with metal bowl



- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

Filter series F18:

- 5 micron element
 - 4 oz. bowl
- Regulator series R18:**
- 0-125 PSI adjusting range
 - self-relieving
 - supplied with a GC230 gauge

Lubricator series L18:

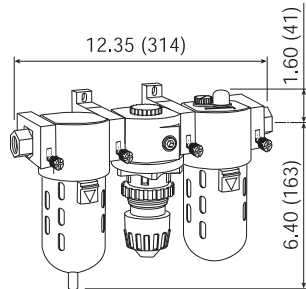
- 4.09 oz. bowl
 - adjustable oil feed
 - full view sight dome
- Included components:**
- (2) end blocks
 - (2) mounting brackets with joiner set and port O-ring

Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	110	C18-02A	\$526.80	C18-02M	\$473.60	C18-02AMB	\$554.75	C18-02MMB	\$502.15
3/8"	160	C18-03A	526.80	C18-03M	473.60	C18-03AMB	554.75	C18-03MMB	502.15
1/2"	160	C18-04A	526.80	C18-04M	473.60	C18-04AMB	554.75	C18-04MMB	502.15

Wilkerson Standard Combination Units



with metal bowl



- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **200 PSIG** (13.8 bar) and **32°F to 175°F** (0°C to 80°C)

Filter series F26:

- 5 micron element
 - 10 oz. bowl
- Regulator series R26:**
- 0-125 PSI adjusting range
 - self-relieving
 - supplied with a GC230 gauge

Lubricator series L26:

- 10 oz. bowl
 - adjustable oil feed
 - full view sight dome
- Included components:**
- (2) modular sleeves
 - (2) mounting brackets (sleeve and bracket)
 - (2) end blocks

Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	35	C26-02A	\$728.80	C26-02M	\$673.15	C26-02AMB	\$764.45	C26-02MMB	\$708.85
3/8"	60	C26-03A	728.80	C26-03M	673.15	C26-03AMB	764.45	C26-03MMB	708.85
1/2"	128	C26-04A	728.80	C26-04M	673.15	C26-04AMB	764.45	C26-04MMB	708.85

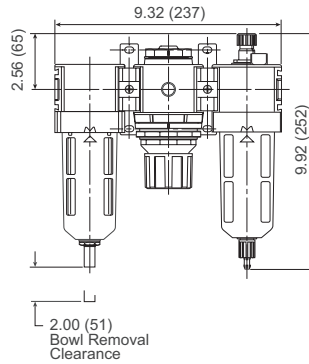
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FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Standard Combination Units

- modern design and appearance
- quick disconnect bowl / bowl guard
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 150°F** (0°C to 65.5°F)
metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°F)



with metal bowl

Air Fittings

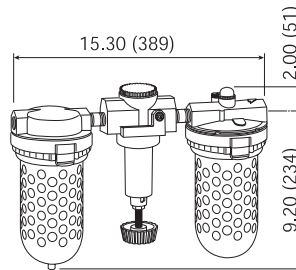
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| <p>Filter series F28:</p> <ul style="list-style-type: none"> • 5 micron element • 6 oz. bowl <p>Regulator series R28:</p> <ul style="list-style-type: none"> • 0-125 PSI adjusting range • self-relieving • supplied with a GC230 gauge | <p>Lubricator series L28:</p> <ul style="list-style-type: none"> • 6.11 oz. bowl • adjustable oil feed • full view sight dome <p>Included components:</p> <ul style="list-style-type: none"> • (2) end blocks • (2) mounting brackets with joiner set and port O-ring |
|--|--|

Size	SCFM	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/8"	150	C28-03A	\$627.50	C28-03M	\$574.85	C28-03AMB	\$657.45	C28-03MMB	\$604.80
1/2"	175	C28-04A	627.50	C28-04M	574.85	C28-04AMB	657.45	C28-04MMB	604.80
3/4"	175	C28-06A	627.50	C28-06M	574.85	C28-06AMB	657.45	C28-06MMB	604.80

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Jumbo Combination Units

- high flow capacity
- large bowl reservoir
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **200 PSIG** (13.8 bar) and **32°F to 175°F** (0°C to 80°C)



with metal bowl

- | | |
|--|--|
| <p>Filter series F30:</p> <ul style="list-style-type: none"> • 5 micron element • 1 qt. bowl <p>Regulator series R30:</p> <ul style="list-style-type: none"> • 0-125 PSI adjusting range • self-relieving • supplied with a GC230 gauge | <p>Lubricator series L30:</p> <ul style="list-style-type: none"> • 26 oz. bowl • adjustable oil feed • full view sight dome <p>Included components:</p> <ul style="list-style-type: none"> • (2) brass hex nipples |
|--|--|

Size	SCFM	With Transparent Bowl and Guard				Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	374	C31-06A	\$911.95	C31-06M	\$859.35	C31-06AMB	\$1018.35	C31-06MMB	\$962.70
1"	374	C31-08A	907.15	C31-08M	851.55	C31-08AMB	1013.55	C31-08MMB	957.90

FRL's are designed for air service only, unless otherwise indicated.

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SCFM ratings at 120 PSIG inlet pressure.

Wilkerson Combination Unit with Protective Frame



Provides downstream air preparation with protective frame and includes components:

- C31-08AMB 1" FRL with metal bowls and auto drain filter
- BBLV100 1" brass ball valve and AM12 air king on inlet port
- BBV100DTW 2-way ball valve installed between regulator and lubricator provides option for non-lubricated air
- heavy duty frame protects air prep components
- operating conditions:
 maximum pressure: **250 PSIG**
 temperature range: **40°F to 150°F**
 SCFM: 320

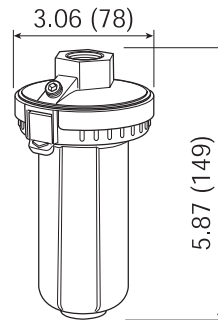
FRL with protective frame

Size	Part #	Price/E
1"	C31-08FRAME	\$1840.00

Wilkerson Automatic Drain

As liquid contaminants collect in the bowl, they raise a closed-cell cellular float. When the liquid level reaches a given point, the float triggers a mechanism which pilots line pressure against a large area piston or diaphragm which snaps open the drain valve. The contaminants are discharged from the drain orifice at line pressure. As the liquid level falls, the pilot valve closes, line pressure against the piston/diaphragm returns to atmosphere and the drain valve snaps closed. A 1/8" NPT drain discharge orifice allows the liquid discharge to be piped to a container or sewer.

- 5 oz. bowl
- fully automatic, float operated
- full 1/2" NPT drain inlet
- quick-disconnect clamp ring for easy bowl removal when servicing
- no electrical connections
- easily installed
- maximum operating conditions:
transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)



with metal bowl

Size	With Transparent Bowl		With Metal Bowl	
	Part #	Price/E	Part #	Price/E
1/2"	X02-04	\$131.60	X02-04MB	\$145.15

Wilkerson Automatic Drain Valve

Automatically drains liquid water and oil from compressed air receivers and systems. Drain valve automatically opens and closes every time the system pressure drops approximately 10 to 20 PSIG (0.7 to 1.4 bar) during the compressor cycle. An internal piston design, which utilizes no floats, minimizes the risks associated with drain failures.

- for up to 100 HP compressors
- maximum pressure: **200 PSIG** (13.5 bar)
- temperature range: **32°F to 150°F** (0°C to 65.5°C)
- minimum differential pressure required: 20 PSIG (1.4 bar)
- inlet/outlet ports: 1/4" NPT (F)
- screen adapter: 3/8" NPT (M) inlet, 1/4" NPT (M) outlet

Size	Part #	Price/E
1/4"	X51-02	\$134.85



FRL's are designed for air service only, unless otherwise indicated.

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Wilkerson Filter Accessories**Elements**

FRP-95-115

Used On	Description	Part #	Price/E
F00	5 micron element	FRP-95-235	\$11.45
F03	5 micron element	PS403	32.85
F08	5 micron element	FRP-96-729	12.55
F16	5 micron element	FRP-95-160	30.00
F18	5 micron element	FRP-96-639	20.15
F26	5 micron element	FRP-95-115	30.00
F28	5 micron element	FRP-96-653	23.95
F30	5 micron element	FRP-95-209	59.35
F35	5 micron element	FRP-95-505	127.50
F42	5 micron element	FRP-95-566	147.10



MTP-95-548

Elements

Used On	Description	Part #	Price/E
M16, M26, M30	type B element (0.5 micron)	MSP-95-989	\$55.10
M16	type C element (0.01 micron)	MTP-95-548	105.75
M26	type C element (0.01 micron)	MTP-95-549	111.90
M30	type C element (0.01 micron)	MTP-95-551	243.10
M35	type C element (0.01 micron)	MTP-95-502	516.00

Gel Refills

Used On	Description	Part #	Price/E
X03	8 bags of silica gel refill	DRP-85-059	\$395.05

Bowls and Bowl Guards

FRP-95-015

Used On	Description	Part #	Price/E
F00	plastic bowl with check valve drain	GRP-96-310	\$49.40
F03	plastic bowl with piston drain	PS408B	72.70
	metal bowl with manual drain	PS447B	40.50
F08	plastic bowl with guard and manual drain	GRP-96-712	25.45
	metal bowl with manual drain	GRP-96-714	43.00
F16, M16	plastic bowl and metal bowl guard with flex tip drain	FRP-95-014	80.95
	plastic bowl and metal bowl guard with auto drain	FRP-95-015	119.95
	metal bowl with sight glass and manual drain	GRP-95-133	127.85
	metal bowl with auto drain	FRP-95-950	134.85
F18	plastic bowl, bowl guard, manual drain	GRP-96-634	70.20
	plastic bowl, bowl guard, auto drain	GRP-96-635	109.50
	metal bowl with sight glass, manual drain	GRP-96-636	80.70
	metal bowl with sight glass, auto float drain	GRP-96-637	120.15
F26, M26	plastic bowl and metal bowl guard with flex tip drain	GRP-95-935	96.00
	plastic bowl and metal bowl guard with auto drain	GRP-95-948	158.60
	metal bowl with sight glass and manual drain	GRP-95-931	122.70
	metal bowl with auto drain	GRP-95-960	162.25
F28	plastic bowl with guard, auto drain	GRP-96-643	136.00
	plastic bowl, bowl guard, manual drain	GRP-96-642	77.60
	metal bowl, with sight glass, manual drain	GRP-96-644	76.10
	metal bowl with sight glass, auto float drain	GRP-96-645	147.20
F30, M30	plastic bowl and metal bowl guard with manual drain	FRP-95-832	121.25
	plastic bowl and metal bowl guard with auto drain	FRP-95-775	213.80
	plastic bowl with flex tip drain	FRP-96-315	71.45
	metal bowl with sight glass and manual drain	GRP-95-676	320.65
	metal bowl with auto drain	GRP-95-970	231.65

Wilkerson Filter Accessories**Auto and Manual Drains**

Used On	Description	Part #	Price/E
F00	automatic drain	GRP-95-584	\$13.60
	manual drain	GRP-96-102	25.45
F08	automatic drain	GRP-96-716	14.00
F16, F18, F26, F28, F30, F35, M16, M26, M30, M32, M35	automatic drain with flouorocarbon seal	GRP-95-981	76.30
F16, F18, F26, F28, F30, M16, M26, M30	automatic float drain with a nitrile seal	GRP-95-973	68.90
F16, F18, F26, F28, F30, F35, M16, M26, M30, M35	manual override drain	GRP-96-001	46.05
F16, F26, F30, M16, M26, M30	manual pet cock drain for use with metal bowl units	GRP-95-182	28.40
F16, F26, F30, M16, M26, M30	manual flex tip drain	FRP-95-610	10.40
F18, F28	manual drain	GRP-96-685	16.80



GRP-96-001

Air Fittings

Sight Glass

Used On	Description	Part #	Price/E
M16, M26	sight glass kit for metal bowls	GRP-95-079	\$15.30



GRP-95-079

Mounting Brackets and Joiner Sets

Used On	Description	Part #	Price/E
F00	mounting bracket (type L)	GRP-95-754	\$15.30
F03	mounting bracket	PS417B	19.15
F08	mounting bracket (type T) with joiner set and port O-ring	GPA-96-737	14.00
	mounting bracket (type C)	GPA-97-010	11.85
	joiner set and port O-ring	GPA-96-738	8.50
F16, M16	mounting bracket (type L)	GPA-95-016	34.90
F18	mounting bracket (type C)	GPA-96-604	23.95
	mounting bracket (type L)	GPA-96-606	15.70
F18, F28	mounting bracket (type T)	GPA-96-602	17.85
	mounting bracket (type T) with joiner set and port O-ring	GPA-96-603	39.05
	joiner set and port O-ring with nitrile O-ring	GPA-96-601	21.40
	joiner set with port O-ring with fluorocarbon O-rings	GPA-96-614	33.05
	bracket with joiner set and port O-ring	GPA-96-754	40.50
F26, M26	mounting bracket (type L)	GPA-95-946	41.80
F28	mounting bracket (type C)	GPA-96-605	28.20
	mounting bracket (type L)	GPA-96-607	20.80
F30	wall mount, U-bolt pipe clamp	GRP-95-734	23.55



GPA-96-737

Modular Sleeve with Wall Mounting Brackets

- Designed for mounting a single unit or combination of units directly to the wall.
- The sleeve and mounting bracket can be ordered assembled from the factory, or just the mounting bracket alone to be used on existing modular sleeves.

Used On	Description	Part #	Price/E
F16, F26	bracket	GPA-95-968	\$14.40
	sleeve and bracket	GPA-95-969	32.45



GPA-95-969

Wilkerson Filter Accessories

Modular Sleeve



GPA-95-292

- Unique modular sleeve design easily and quickly connects one or more units and accessories together without pipe nipples.
- Hand tightening the threaded pin provides a tight seal between the units.

Used On	Description	Part #	Price/E
F16, F26	modular sleeve	GPA-95-292	\$17.00

End Blocks



GPA-97-019

- When used with the modular sleeve, end blocks allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set of 2 blocks (inlet and outlet)

Used On	Description	Part #	Price/E
F08	end block set, 1/4" NPT	GPA-97-019	\$35.80
	end block set, 3/8" NPT	GPA-97-020	35.80

Modular Blocks

Manifold Block

- allows easy design flexibility
- can be installed after the filter or regulator, providing three additional 1/4" NPT tapped auxiliary ports
- inlet/outlet ports are 1/2" non-tapped
- 1-17/32" width



GPA-95-919

End Block

- When used with the modular sleeve, end blocks allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set of 2 blocks (inlet and outlet)



GPA-95-321

Used On	Description	Part #	Price/E
F16, M16, F26, M26	manifold block, three 1/4" NPT auxiliary ports	GPA-95-919	\$51.10
	end block, 1/4" NPT	GPA-95-223	30.75
	end block, 3/8" NPT	GPA-95-224	30.75
	end block, 1/2" NPT	GPA-95-225	30.75
	end block, 3/4" NPT	GPA-95-320	62.70
	end block, 1" NPT	GPA-95-321	62.70
F18, F28	end block, 1/4" NPT	GPA-96-610	27.80
	end block, 3/8" NPT	GPA-96-611	27.80
	end block, 1/2" NPT	GPA-96-612	27.80
	end block, 3/4" NPT	GPA-96-613	27.80
	end block, G1/4"	GPA-96-620	29.90
	end block, G3/8"	GPA-96-621	29.90
	end block, G1/2"	GPA-96-622	29.90
	end block, G3/4"	GPA-96-623	29.90



GPA-96-610

Modular Adapters

- When used with the modular sleeve, adapter inserts allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set of 2 blocks



GPA-95-037

Used On	Description	Part #	Price/E
F16, M16, F26, M26	1/4" NPT pipe adapter	GPA-95-035	\$43.50
	3/8" NPT pipe adapter	GPA-95-036	43.50
	1/2" NPT pipe adapter	GPA-95-037	43.50

Wilkerson Filter Accessories

Modular Shut-Off Valves

- can be installed immediately upstream of a single unit or combination of units
- secured to the unit with a modular sleeve or modular sleeve wall mounting bracket
- ball-type valve operates with a 1/4 turn from open to shut position
- useful for isolating and depressurizing a downstream unit requiring maintenance or replacement
- can be locked in the open position
- left to right flow

Used On	Description	Part #	Price/E
F16, F26	1/4" NPT safety shut-off valve	GPA-95-096	\$135.85
	3/8" NPT safety shut-off valve	GPA-95-097	135.85
	1/2" NPT safety shut-off valve	GPA-95-098	135.85



GPA-95-098

☰
Air
Fittings

Differential Pressure Indicators

- used to replace damaged indicators on filters and modular coalescing filters
- Pressure loss changes color of indicator window from green to red.

Used On	Description	Part #	Price/E
M16, M26, M30, M32	indicator	DP2-01-000	\$29.10
F35, M35	indicator	DP2-01-001	34.80



DP2-01-000

Wilkerson Regulator Accessories

Replacement Springs

Used On	Description	Part #	Price/E
R16	0-50 PSI spring	RRP-95-222	\$17.00
	0-125 PSI spring	RRP-95-224	17.00
R18	0-125 PSI spring	RRP-96-661	15.30
R26	0-60 PSI spring	RRP-95-962	15.70
	0-125 PSI spring	GRP-95-225	18.85
R28	0-125 PSI spring	RRP-96-165	19.35



RRP-95-222

Gauges

- for units originally purchased with flush mounted gauge

Used On	Description	Part #	Price/E
R08	0-160 PSI, flush mount design	GRP-96-719	\$27.05



GRP-96-719

Tamper Resistant Kit

Used On	Description	Part #	Price/E
R00, R08	ring style tamper resistant kit	RPA-96-735	\$7.20
R16, R26	ring style tamper resistant kit	RPA-95-006	8.30
R18	ring style tamper resistant kit	RRP-96-671	7.65
R28	ring style tamper resistant kit	RRP-96-672	8.70



RPA-95-006

Wilkerson Regulator Accessories

Repair Kits



RRP-95-952

Used On	Description	Part #	Price/E
R16	self-relieving repair kit	RRP-95-131	\$56.20
R18	relieving diaphragm assembly	RRP-96-656	22.70
R26	self-relieving repair kit	RRP-95-952	37.75
R28	relieving diaphragm assembly	RRP-96-986	41.35
R30	valve assembly: valve, spring, bottom plug O-ring	RRP-95-159	46.05
R40	valve assembly: valve, spring, retaining ring, O-ring	RRP-95-161	162.55

Mounting Brackets and Joiner Sets



GPA-96-737

Used On	Description	Part #	Price/E
R00, RB3	mounting bracket (type L) and nut	GRP-95-747	\$17.85
R03	mounting bracket	PS417B	19.15
R08	mounting bracket (type T) with joiner set	GPA-96-737	14.00
	mounting bracket (type C)	GPA-97-010	11.85
	mounting bracket (type L)	GRP-96-739	10.00
	joiner set with port O-ring	GPA-96-738	8.50
R16	mounting bracket (type L) and nut	GPA-95-011	22.90
R16, R21, R26, R30, R40	wall mount bracket with 1/4" NPT gauge port adapter	RRP-95-590	28.20
R26	mounting bracket (type C) and nut	RPA-95-947	18.85
R30	wall mount, U-bolt pipe clamp	GRP-95-734	23.55

Modular Sleeve with Wall Mounting Brackets

- Designed for mounting a single unit or combination of units directly to the wall.
- The sleeve and mounting bracket can be ordered assembled from the factory, or just the mounting bracket alone to be used on existing modular sleeves.



GPA-95-969

Used On	Description	Part #	Price/E
R16, R26	bracket	GPA-95-968	\$14.40
	sleeve and bracket	GPA-95-969	32.45

Modular Sleeve

- Unique modular sleeve design easily and quickly connects one or more units and accessories together without pipe nipples.
- Hand tightening the threaded pin provides a tight seal between the units.



GPA-95-292

Used On	Description	Part #	Price/E
R16, R26	modular sleeve	GPA-95-292	\$17.00

End Blocks

- When used with the modular sleeve, end blocks allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set of 2 blocks (inlet and outlet)



GPA-97-019

Used On	Description	Part #	Price/E
R08	end block set, 1/4" NPT	GPA-97-019	\$35.80
	end block set, 3/8" NPT	GPA-97-020	35.80

Wilkerson Regulator Accessories

Modular Blocks

Manifold Block

- allows easy design flexibility
- can be installed after the filter or regulator, providing three additional 1/4" NPT tapped auxiliary ports
- inlet/outlet ports are 1/2" non-tapped
- 1-17/32" width

End Block

- When used with the modular sleeve, end blocks allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set of 2 blocks (inlet & outlet)

Used On	Description	Part #	Price/E
R16, R26	manifold block, three 1/4" NPT auxiliary ports	GPA-95-919	\$51.10
	end block, 1/4" NPT	GPA-95-223	30.75
	end block, 3/8" NPT	GPA-95-224	30.75
	end block, 1/2" NPT	GPA-95-225	30.75
	end block, 3/4" NPT	GPA-95-320	62.70
	end block, 1" NPT	GPA-95-321	62.70
R18, R28	end block, 1/4" NPT	GPA-96-610	27.80
	end block, 3/8" NPT	GPA-96-611	27.80
	end block, 1/2" NPT	GPA-96-612	27.80
	end block, 3/4" NPT	GPA-96-613	27.80
	end block, G1/4"	GPA-96-620	29.90
	end block, G3/8"	GPA-96-621	29.90
	end block, G1/2"	GPA-96-622	29.90
	end block, G3/4"	GPA-96-623	29.90



GPA-95-919



GPA-95-321



GPA-96-610

Modular Adapters

- When used with the modular sleeve, adapter inserts allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set of 2 blocks

Used On	Description	Part #	Price/E
R16, R26	1/4" NPT pipe adapter	GPA-95-035	\$43.50
	3/8" NPT pipe adapter	GPA-95-036	43.50
	1/2" NPT pipe adapter	GPA-95-037	43.50



GPA-95-037

Modular Shut-Off Valves

- can be installed immediately upstream of a single unit or combination of units
- secured to the unit with a modular sleeve or modular sleeve wall mounting bracket
- ball-type valve operates with a 1/4 turn from open to shut position
- useful for isolating and depressurizing a downstream unit requiring maintenance or replacement
- can be locked in the open position
- left to right flow

Used On	Description	Part #	Price/E
R16, R26	1/4" NPT safety lock-out valve	GPA-95-096	\$135.85
	3/8" NPT safety lock-out valve	GPA-95-097	135.85
	1/2" NPT safety lock-out valve	GPA-95-098	135.85



GPA-95-098

see page 254 for replacement gauges

Wilkerson Lubricator Accessories**Bowls and Bowl Guards**

Used On	Description	Part #	Price/E
L03	metal bowl with manual drain	PS447B	\$40.50
	plastic bowl with no drain	PS421	36.90
L08	metal bowl with manual drain	GRP-96-714	43.00
	plastic bowl with guard and manual drain	LRP-96-736	30.10
L16	metal bowl with sight glass and manual drain	GRP-95-133	127.85
	plastic bowl, bowl guard, manual drain	GRP-95-019	96.05
	plastic bowl with no drain	LRP-96-937	39.90
L18	metal bowl with sight glass, manual drain	GRP-96-636	80.70
	plastic bowl, bowl guard, manual drain	LRP-96-701	70.25
L26	metal bowl with sight glass and manual drain	GRP-95-931	122.70
	plastic bowl with no drain	LRP-96-938	43.05
L28	metal bowl with sight glass, manual drain	GRP-96-644	76.10
	plastic bowl, bowl guard, manual drain	LRP-96-702	82.30
L30, L40	metal bowl with sight glass and manual drain	GRP-95-676	320.65
L30, L40, L50	plastic bowl with no drain	LRP-96-940	53.10



GRP-95-019

Drains

Used On	Description	Part #	Price/E
L16, L26, L30, L40, L50	manual pet cock drain for use with metal bowl units	GRP-95-182	\$28.40
L18, L28	manual drain	GRP-96-685	16.80



GRP-96-685

Sight Domes and Fill Plugs

Used On	Description	Part #	Price/E
L00, L08, L16, L26	sight dome kit: dome and O-ring	LRP-95-239	\$16.40
L08	fill plug kit: fill plug and O-ring	LRP-96-730	5.95
L08, L18, L28	sight dome kit (old style -08)	LRP-96-710	21.05
L16, L26	sight glass kit for metal bowls	GRP-95-079	15.30
L16, L26, L30	fill plug kit: fill plug and O-ring	LRP-95-253	10.65
L18, L28	sight dome assembly (new style)	LRP-96-310	16.10
L30, L40, L50	sight dome kit: dome and O-ring	LRP-95-249	22.10
L40, L50	fill plug kit: fill plug and O-ring	LRP-95-250	34.55



LRP-95-249

Mounting Brackets

Used On	Description	Part #	Price/E
L00	mounting bracket (type L)	GRP-95-754	\$15.30
L03	mounting bracket	PS419	19.15
L08	mounting bracket (type T) with joiner set and port O-ring	GPA-96-737	14.00
	mounting bracket (type C)	GPA-97-010	11.85
	joiner set and port O-ring	GPA-96-738	8.50
L16	mounting bracket (type L)	GPA-95-016	34.90
L18	mounting bracket (type C)	GPA-96-604	23.95
	mounting bracket (type L)	GPA-96-606	15.70
L18, L28	mounting bracket (type T)	GPA-96-602	17.85
	mounting bracket (type T) with joiner set and port O-ring	GPA-96-603	39.05
	joiner set with port O-ring	GPA-96-614	33.05
	bracket with joiner set and port O-ring	GPA-96-754	40.50
L26	mounting bracket (type L)	GPA-95-946	41.80
L28	mounting bracket (type C)	GPA-96-605	28.20
	mounting bracket (type L)	GPA-96-607	20.80
L30	wall mount, U-bolt pipe clamp	GRP-95-734	23.55



GPA-96-737

Wilkerson Lubricator Accessories

Modular Sleeve with Wall Mounting Brackets

- Designed for mounting a single unit or combination of units directly to the wall.
- The sleeve and mounting bracket can be ordered assembled from the factory, or just the mounting bracket alone to be used on existing modular sleeves.

Used On	Description	Part #	Price/E
L16, L26	bracket sleeve and bracket	GPA-95-968	\$14.40
		GPA-95-969	32.45



GPA-95-969

Modular Sleeve

- Unique modular sleeve design easily and quickly connects one or more units and accessories together without pipe nipples.
- Hand tightening the threaded pin provides a tight seal between the units.

Used On	Description	Part #	Price/E
L16, L26	modular sleeve	GPA-95-292	\$17.00



GPA-95-292

End Blocks

- When used with the modular sleeve, end blocks allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set of 2 blocks (inlet and outlet)

Used On	Description	Part #	Price/E
L08	end block set, 1/4" NPT end block set, 3/8" NPT	GPA-97-019	\$35.80
		GPA-97-020	35.80



GPA-97-019

Modular Blocks

Manifold Block

- allows easy design flexibility
- can be installed after the filter or regulator, providing three additional 1/4" NPT tapped auxiliary ports
- inlet/outlet ports are 1/2" non-tapped
- 1-17/32" width

End Block

- When used with the modular sleeve, end blocks allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set of 2 blocks (inlet and outlet)

Used On	Description	Part #	Price/E
L16, L26	manifold block, three 1/4" NPT auxiliary ports	GPA-95-919	\$51.10
	end block, 1/4" NPT	GPA-95-223	30.75
	end block, 3/8" NPT	GPA-95-224	30.75
	end block, 1/2" NPT	GPA-95-225	30.75
	end block, 3/4" NPT	GPA-95-320	62.70
	end block, 1" NPT	GPA-95-321	62.70
L18, L28	end block, 1/4" NPT	GPA-96-610	27.80
	end block, 3/8" NPT	GPA-96-611	27.80
	end block, 1/2" NPT	GPA-96-612	27.80
	end block, 3/4" NPT	GPA-96-613	27.80
	end block, G1/4"	GPA-96-620	29.90
	end block, G3/8"	GPA-96-621	29.90
	end block, G1/2"	GPA-96-622	29.90
	end block, G3/4"	GPA-96-623	29.90



GPA-95-919



GPA-95-321



GPA-96-610

Wilkerson Lubricator Accessories

Modular Adapters



GPA-95-037

- When used with the modular sleeve, adapter inserts allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set of 2 blocks

Used On	Description	Part #	Price/E
L16, L26	1/4" NPT pipe adapter	GPA-95-035	\$43.50
	3/8" NPT pipe adapter	GPA-95-036	43.50
	1/2" NPT pipe adapter	GPA-95-037	43.50

Modular Shut-Off Valves



GPA-95-098

- can be installed immediately upstream of a single unit or combination of units
- secured to the unit with a modular sleeve or modular sleeve wall mounting bracket
- ball-type valve operates with a 1/4 turn from open to shut position
- useful for isolating and depressurizing a downstream unit requiring maintenance or replacement
- can be locked in the open position
- left to right flow

Used On	Description	Part #	Price/E
L16, L26	1/4" NPT safety lock-out valve	GPA-95-096	\$135.85
	3/8" NPT safety lock-out valve	GPA-95-097	135.85
	1/2" NPT safety lock-out valve	GPA-95-098	135.85

Wilkerson Filter/Regulator Accessories



FRP-96-729

Elements

Used On	Description	Part #	Price/E
B08	5 micron element	FRP-96-729	\$12.55
CB6	5 micron element	FRP-95-160	30.00
B18	5 micron element	FRP-96-639	20.15
B28	5 micron element	FRP-96-653	23.95

Bowls and Bowl Guards



GRP-96-636

Used On	Description	Part #	Price/E
B08	plastic bowl with guard and manual drain	GRP-96-712	\$25.45
	metal bowl with manual drain	GRP-96-714	43.00
CB6	plastic bowl and metal bowl guard with flex tip drain	FRP-95-014	80.95
	plastic bowl and metal bowl guard with auto drain	FRP-95-015	119.95
	metal bowl with auto drain	FRP-95-950	134.85
B18	plastic bowl, bowl guard, manual drain	GRP-96-634	70.20
	plastic bowl, bowl guard, auto drain	GRP-96-635	109.50
	metal bowl with sight glass, manual drain	GRP-96-636	80.70
	metal bowl with sight glass, auto float drain	GRP-96-637	120.15
B28	plastic bowl with guard, auto drain	GRP-96-643	136.00
	plastic bowl, bowl guard, manual drain	GRP-96-642	77.60
	metal bowl, with sight glass, manual drain	GRP-96-644	76.10
	metal bowl with sight glass, auto float drain	GRP-96-645	147.20

Wilkerson Filter/Regulator Accessories

Auto and Manual Drains

Used On	Description	Part #	Price/E
B08	automatic drain	GRP-96-716	\$14.00
CB6	manual pet cock drain for use with metal bowl units	GRP-95-182	28.40
	manual flex tip drain	FRP-95-610	10.40
CB6, B18, B28	automatic drain with flouracarbon seal	GRP-95-981	76.30
	automatic float drain with a nitrile seal	GRP-95-973	68.90
	manual override drain	GRP-96-001	46.05
B18, B28	manual drain	GRP-96-685	16.80



GRP-96-001

☰
Air
Fittings

Accessories

Used On	Description	Part #	Price/E
CB6	sight glass kit for metal bowl	GRP-95-079	\$15.30

Replacement Springs

Used On	Description	Part #	Price/E
CB6	0-50 PSI spring	RRP-95-222	\$17.00
	0-125 PSI spring	RRP-95-224	17.00
B18	0-125 PSI spring	RRP-96-661	15.30
B28	0-125 PSI spring	RRP-96-165	19.35



RRP-95-222

Tamper Resistant Kits

Used On	Description	Part #	Price/E
B08	ring style tamper resistant kit	RPA-96-735	\$7.20
B18	ring style tamper resistant kit	RRP-96-671	7.65
B28	ring style tamper resistant kit	RRP-96-672	8.70

Repair Kits

Used On	Description	Part #	Price/E
B18	diaphragm assembly, relieving	RRP-96-656	\$22.70
B28	diaphragm assembly, relieving	RRP-96-986	41.35

Mounting Brackets and Joiner Sets

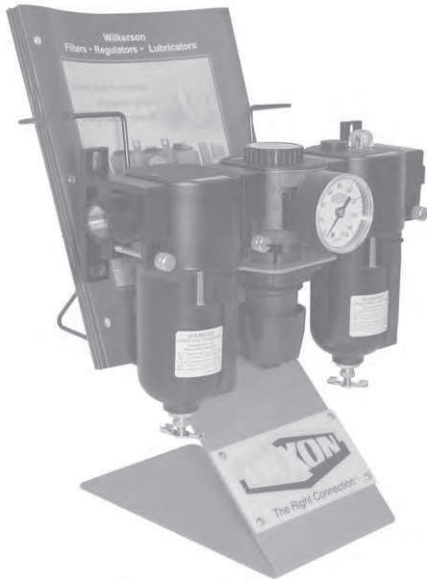
Used On	Description	Part #	Price/E
R08	mounting bracket (type T) with joiner set	GPA-96-737	\$14.00
	mounting bracket (type C)	GPA-97-010	11.85
	mounting bracket (type L)	GRP-96-739	10.00
	joiner set with port O-ring	GPA-96-738	8.50
CB6	mounting bracket (type L) and nut	GPA-95-011	22.90
	bracket, wall mount, gauge port adapter with 1/4" NPT	RRP-95-590	28.20
B18	mounting bracket (type C)	GPA-96-604	23.95
	mounting bracket (type L)	GPA-96-606	15.70
B18, B28	mounting bracket (type T)	GPA-96-602	17.85
	mounting bracket (type T) with joiner set	GPA-96-603	39.05
	joiner set with port O-ring	GPA-96-614	33.05
	bracket with joiner set and port O-ring	GPA-96-754	40.50
	joiner set	GPA-96-601	21.40
B28	mounting bracket (type C)	GPA-96-605	28.20
	mounting bracket (type L)	GPA-96-607	20.80



GPA-96-737

Wilkerson FRL Display

Increase your sales with this heavy duty, point-of-purchase Dixon FRL Display, designed to highlight the features and benefits of a modular Filter-Regulator-Lubricator Combination Unit for air line services. The display is perfect for your "Will Call" or showroom sales area.



The display features:

- FRL combination unit with standard metal bowl with sight glass
- manual drain
- modular mounting clamps
- pipe adapters

Note: assembly is required.

Part #	Price/E
WILK26DISPLAY	\$808.40

Series 1 FRL Display

Increase your sales with this heavy duty, point-of-purchase Dixon FRL Display, designed to highlight the features and benefits of a modular Filter-Regulator-Lubricator Combination Unit for air line services. The display is perfect for your "Will Call" or showroom sales area.



The display features:

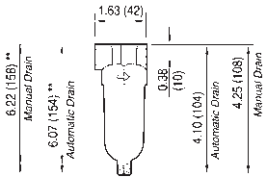
- 74 Series basic combination unit with metal bowl with sight glass
- manual drain
- modular mounting clamps
- pipe adapters

Note: assembly is required.

Part #	Price/E
NORG74DISPLAY	\$802.35

Norgren Series 1 Carded Miniature FRL's

Dixon offers the Series I line of miniature filters, filter/regulators, regulators and lubricators in prepackaged clear plastic units suitable for hanging on store peg racks or displays. The primary features of each unit are printed on the packaging. Each package contains 1 miniature filter, filter/regulator, regulator or lubricator and instruction sheet.



** minimum clearance required to remove bowl

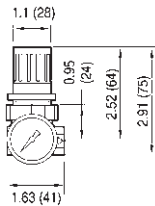
- 5 micron element
- 1 oz. reservoir
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)

Carded Miniature Filter with Transparent Bowl

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	21	F07-200AC	\$64.40	F07-200MC	\$55.50



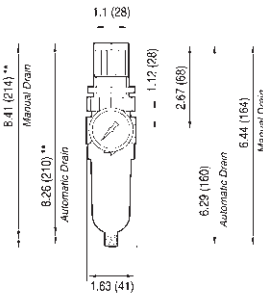
Air Fittings



- 5-100 PSI range
- relieving type
- inlet pressure **250 PSI** at ambient temperature (70°F) maximum
- model supplied with a GC620 gauge

Carded Miniature Regulator

Port Size	SCFM	with Gauge	
		Part #	Price/E
1/4"	22	R07-200RGC	\$65.90

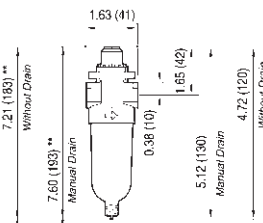


** minimum clearance required to remove bowl

- 5-100 PSI range
- relieving type
- 5 micron element
- 1 oz. reservoir
- push to lock adjusting knob
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)
- model supplied with a GC620 gauge
- bowl guard not available

Carded Miniature Filter/Regulator with Transparent Bowl

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	21	B07-202AGC	\$131.50	B07-202MGC	\$119.65



** minimum clearance required to remove bowl

- 1 oz. reservoir
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)

Carded Miniature Lubricator

Port Size	SCFM	Transparent Bowl	
		Part #	Price/E
1/4"	14	L07-200AC	\$82.90

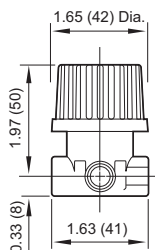


Miniature Non-Repairable General Purpose Regulators

- 5-125 PSI range
- lightweight construction
- left to right flow
- wrench flats for easy installation
- Relieving piston design allows reduction of downstream pressure when the system is dead-ended
- model supplied with a GC620 gauge

Compact

Port Size	SCFM	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	13	R46-200RG	\$59.95	R46-200R	\$43.25



FRL's are designed for air service only, unless otherwise indicated.

SAFETY ALERT

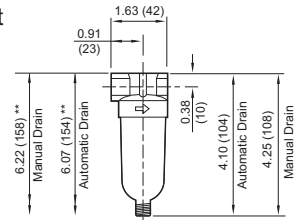
SCFM ratings at 100 PSIG inlet pressure.

Norgren Series 1 Miniature FRL's

- 5 micron element
- 1 oz. reservoir
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)

Miniature Filter with Transparent Bowl

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	18	F07-100A	\$63.40	F07-100M	\$54.30
1/4"	21	F07-200A	63.40	F07-200M	54.30

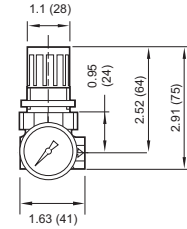


** minimum clearance to remove bowl

- 5-100 PSI range
- relieving type
- inlet pressure **300 PSI** max.
- regulation at flows up to 22 SCFM at 100 PSIG
- models supplied with a GC620 gauge
- bowl guard not available

Miniature Regulators

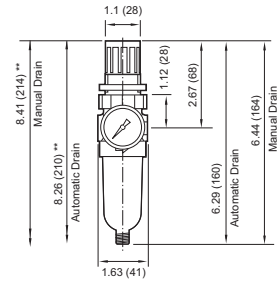
Port Size	SCFM	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/8"	22	R07-100RG	\$59.00	R07-100R	\$42.30
1/4"	22	R07-200RG	59.00	R07-200R	42.30



- 5-100 PSI range
- relieving type
- 5 micron element
- 1 oz. reservoir
- push to lock adjusting knob
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)
- models supplied with a GC620 gauge
- bowl guard not available

Miniature Filter/Regulator with Transparent Bowl

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	18	B07-102AG	\$116.90	B07-102MG	\$107.55
1/4"	21	B07-202AG	116.90	B07-202MG	107.55

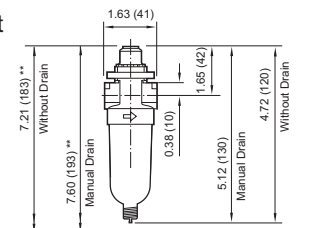


** minimum clearance to remove bowl

- 1 oz. reservoir
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)

Miniature Lubricators

Port Size	SCFM	Transparent Bowl	
		Part #	Price/E
1/8"	14	L07-100A	\$82.90
1/4"	14	L07-200A	82.90

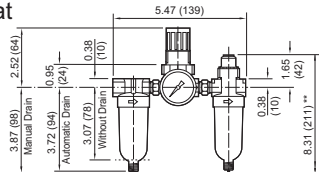


** minimum clearance to remove bowl

- 5-125 PSI range
- 1 oz. reservoir
- models supplied with a GC620 gauge
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)

Miniature Combination Unit with Transparent Bowl

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	14	P1A-100A	\$249.65	P1A-100M	\$240.55
1/4"	14	P1A-200A	250.90	P1A-200M	241.80



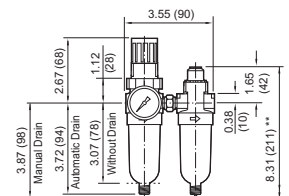
** minimum clearance to remove bowl

Norgren Series 1 Micro Mate Combination Units

- 5-125 PSI range
- requires only 2 pipe connections
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)

Miniature Filter/Regulator/Lubricator with Transparent Bowl

Port Size	SCFM	Automatic Drain	
		Part #	Price/E
1/8"	10	PTH-100AG	\$243.45
1/4"	10	PTH-200AG	243.45



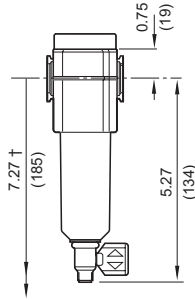
** minimum clearance to remove bowl



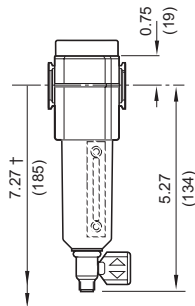
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Norgren Series 1 Airline Filters



† Minimum clearance to remove bowl



† Minimum clearance to remove bowl

- 40 micron element
- 2 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- particle removal per ISO 8573-1, Class 5 and Class 3
- inlet pressure:
 - transparent bowl: **150 PSI** at ambient temperature (70°F)
 - metal bowl: **250 PSI** at ambient temperature (70°F)

1/4" with Transparent Bowl

Port Size	SCFM	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	55	F72G-2A	\$123.70	F72G-2M	\$68.85
3/8"	55	F72G-3A	126.95	F72G-3M	72.15



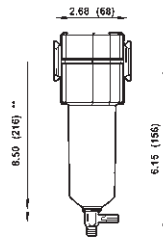
with transparent bowl



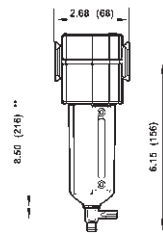
with metal bowl

1/4" with Metal Bowl and Sight Glass

Port Size	SCFM	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	55	F72G-2A-MB	\$138.70	F72G-2M-MB	\$83.75
3/8"	55	F72G-3A-MB	141.95	F72G-3M-MB	87.05



** Minimum clearance required to remove bowl.



** Minimum clearance required to remove bowl.

- 40 micron element
- 4 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- particle removal per ISO 8573-1, Class 5 and Class 3
- inlet pressure:
 - transparent bowl: **150 PSI** at ambient temperature (70°F)
 - metal bowl: **250 PSI** at ambient temperature (70°F)

3/8" with Transparent Bowl

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	53	F73G-2A	\$173.75	F73G-2M	\$106.10
3/8"	65	F73G-3A	173.75	F73G-3M	106.10
1/2"	69	F73G-4A	173.75	F73G-4M	106.10



with transparent bowl



with metal bowl

3/8" with Metal Bowl and Sight Glass

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	53	F73G-2A-MB	\$182.25	F73G-2M-MB	\$114.70
3/8"	65	F73G-3A-MB	182.25	F73G-3M-MB	114.70
1/2"	69	F73G-4A-MB	182.25	F73G-4M-MB	114.70

See pages 236-238 for filter accessories.

FRL's are designed for air service only, unless otherwise indicated.

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SCFM ratings at 100 PSIG inlet pressure.

Norgren Series 1 Airline Filters

Crowder Supply Co., Inc. • 8495 Roslyn St., Commerce City, CO 80022 • Toll Free: 888-883-5144 • www.CrowderSupply.com



with transparent bowl

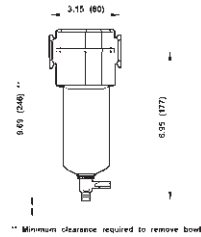


with metal bowl

- 40 micron element
- 7 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- particle removal per ISO 8573-1, Class 5 and Class 3
- inlet pressure: transparent bowl: **150 PSI** at ambient temperature (70°F)
- metal bowl: **250 PSI** at ambient temperature (70°F)

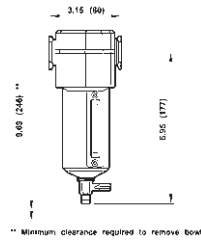
1/2" with Transparent Bowl and Guard

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	112	F74G-3A	\$220.40	F74G-3M	\$152.75
1/2"	140	F74G-4A	220.40	F74G-4M	152.75
3/4"	140	F74G-6A	220.40	F74G-6M	152.75



1/2" with Metal Bowl and Sight Glass

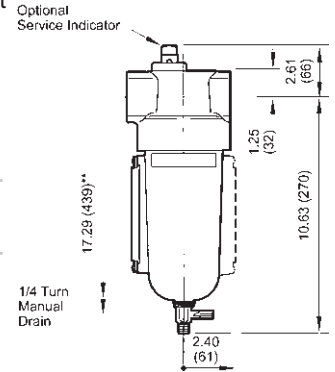
Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	112	F74G-3A-MB	\$224.75	F74G-3M-MB	\$157.30
1/2"	140	F74G-4A-MB	224.75	F74G-4M-MB	157.30
3/4"	140	F74G-6A-MB	224.75	F74G-6M-MB	157.30



- 40 micron element
- 1 qt. reservoir
- general purpose with low pressure drop and excellent water removal characteristics
- inlet pressure: **250 PSI** at ambient temperature (70°F)

1" with Metal Bowl and Sight Glass

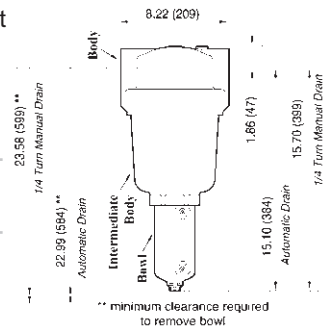
Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/4"	325	F17-600A	\$403.30	F17-600M	\$334.75
1"	425	F17-800A	403.30	F17-800M	334.75
1 1/4"	425	F17-A00A	460.85	F17-A00M	391.80
1 1/2"	425	F17-B00A	460.85	F17-B00M	391.80



- 50 micron element
- 7 oz. reservoir
- inlet pressure: **250 PSI** at ambient temperature (70°F)

2" with Metal Bowl and Sight Glass

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
2"	1400	F18-C00A	\$1395.35	F18-C00M	\$1324.85



See pages 236-238 for filter accessories.



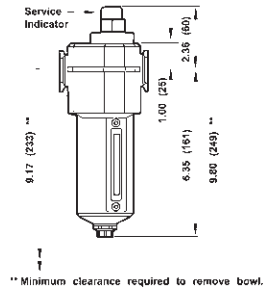
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Norgren Series 1 Oil Removal (Coalescing) Filters

- in-line or modular installation
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- provides air quality class 2 hydrocarbon and class 1 particulate removal per ISO 8573-1
- element removes particles down to 0.01mm. Maximum remaining oil content of air leaving the filter is 0.01 ppm at 70°F (21°C) with an inlet concentration of 8 ppm
- service life indicator turns from green to red when element needs to be replaced
- For maximum service life install a general purpose filter upstream of the oil removal filter.

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1/2" Standard Flow with Metal Bowl

Port Size	SCFM Saturated	SCFM Dry	Automatic Drain	
			Part #	Price/E
3/8"	35	70	F74C-3A-MB	\$360.25
1/2"	35	75	F74C-4A-MB	360.25

1/2" High Flow with Metal Bowl

Port Size	SCFM Saturated	SCFM Dry	Automatic Drain	
			Part #	Price/E
1/2"	60	100	F74H-4A-MB	\$411.90
3/4"	60	120	F74H-6A-MB	411.90

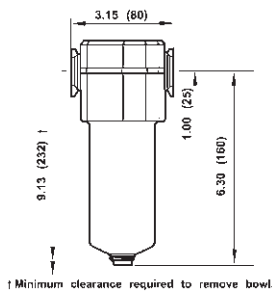


Air Fittings

Norgren Series 1 Oil Vapor Removal Filters

- in-line or modular installation
- quick-release bayonet bowl
- Activated carbon cartridge filter element absorbs oil vapors and removes most hydrocarbon odors.
- provides air quality class 1 particulate removal per ISO 8573-1, when used with the F74C series
- Filter and element designs optimizes air velocity and contact time to reduce oil content of air leaving the filter to 0.003 ppm at 70°F (21°C).
- Minimum service life of 400 hours can be expected if the vapor removal filter is protected upstream by an oil removal (coalescing) filter and if the filtration temperature is in the region of 70° to 80°F (21° to 26°C). Above this range, oil vapor content of compressed air increases substantially and element service life is reduced.
- Carbon cartridge element provides long service life.
- For maximum service life install a general purpose filter and an oil removal filter upstream of the oil vapor removal filter.

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1/2" with Metal Bowl

Port Size	SCFM	Automatic Drain	
		Part #	Price/E
3/8"	21	F74V-3A-MB	\$339.95
1/2"	21	F74V-4A-MB	339.95
3/4"	21	F74V-6A-MB	339.95



See pages 236-238 for filter accessories.

FRL's are designed for air service only, unless otherwise indicated.

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SCFM ratings at 100 PSIG inlet pressure.

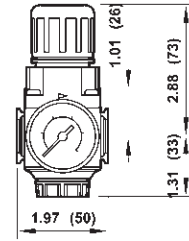
Norgren Series 1 Regulators



- 5-150 PSI range
- inlet pressure: **300 PSI** at ambient temperature (70°F)
- in-line or modular installation
- two full flow 1/8" NPT gauge ports
- models supplied with GC620 gauge
- For 0-60 PSI range, add an L to the end of the part number.

1/4"

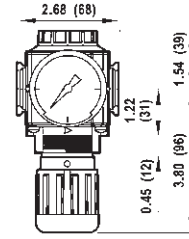
Port Size	SCFM	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	70	R72G-2RG	\$76.95	R72G-2R	\$60.25
3/8"	70	R72G-3RG	80.55	R72G-3R	63.85



- 5-150 PSI range
- inlet pressure: **300 PSI** at ambient temperature (70°F)
- in-line or modular installation
- relieving type
- two full flow 1/4" NPT gauge ports
- models supplied with GC230 gauge
- For 0-60 PSI range, add an L to the end of the part number.

3/8"

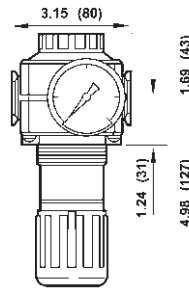
Port Size	SCFM	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	91	R73G-2RG	\$106.15	R73G-2R	\$85.45
3/8"	144	R73G-3RG	106.15	R73G-3R	85.45
1/2"	144	R73G-4RG	106.15	R73G-4R	85.45



- 5-150 PSI range
- inlet pressure: **300 PSI** at ambient temperature (70°F)
- in-line or modular installation
- relieving type
- two full flow 1/4" NPT gauge ports
- models supplied with GC230 gauge
- For 0-60 PSI range, add an L to the end of the part number.

1/2"

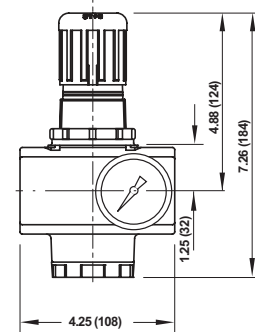
Port Size	SCFM	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
3/8"	208	R74G-3RG	\$154.15	R74G-3R	\$133.45
1/2"	220	R74G-4RG	154.15	R74G-4R	133.45
3/4"	220	R74G-6RG	154.15	R74G-6R	133.45



- 5-125 PSI range
- inlet pressure: **300 PSI** at ambient temperature (70°F)
- in-line or modular installation
- relieving type
- two full flow 1/4" NPT gauge ports
- models supplied with GC230 gauge

1"

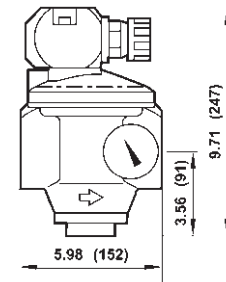
Port Size	SCFM	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
3/4"	440	R17-600RG	\$276.35	R17-600R	\$255.65
1"	480	R17-800RG	276.35	R17-800R	255.65
1 1/4"	400	R17-A00RG	333.75	R17-A00R	313.05
1 1/2"	440	R17-B00RG	333.75	R17-B00R	313.05



- 5-125 PSI range
- inlet pressure: **450 PSI** at ambient temperature (70°F)
- relieving type
- two full flow 1/4" NPT gauge ports
- models supplied with GC230 gauge

2"

Port Size	SCFM	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
2"	2000	R18-C05RG	\$1648.60	R18-C05R	\$1627.90



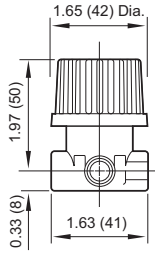
See pages 238-239 for regulator accessories.

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FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Miniature Non-Repairable General Purpose Regulators



- 5-125 PSI range
- lightweight construction
- left to right flow
- wrench flats for easy installation
- relieving piston design allows reduction of downstream pressure when the system is dead-ended
- model supplied with a GC620 gauge

Compact

Port Size	SCFM	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	13	R46-200RG	\$59.95	R46-200R	\$43.25



Air Fittings

Norgren Series 1 General Regulators

Floating valve pin provides positive seating and dependability. Large diaphragm provides quick response to flow demands and line pressure changes. Balanced valve reduces inlet pressure variations on outlet pressure.

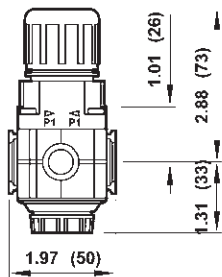
- 5-125 PSI range
- inlet pressure: **400 PSI** at ambient temperature (70°F)
- T-handle adjustment
- models supplied with GC620 gauge

Port Size	SCFM	with Gauge	
		Part #	Price/E
1/4"	110	R11-013RG	\$302.30
3/8"	110	R11-037RG	302.30
1/2"	260	R11-061RG	352.75



Norgren Series 1 Manifold Regulators

Manifold up to six regulators on a single air supply. Design allows in-line installation with hex nipple or modular installation with 72 Series accessories (see page 239).



- 5-150 PSI range
- inlet pressure: **300 PSI** at ambient temperature (70°F)
- models supplied with GC620 gauge

1/4"

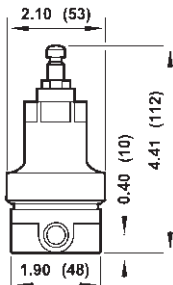
Port Size	SCFM	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	83	R72M-2RG	\$142.65	R72M-2R	\$125.95
3/8"	83	R72M-3RG	146.15	R72M-3R	129.45



Norgren Series 1 Cylinder Gas Regulator

UL listed for service with Carbon Dioxide, water, pumped air, Nitrogen, Argon, Helium, Krypton, Neon and Xenon. *Not to be used with flammable gases.*

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- 5-125 PSI range
- inlet pressure: **3000 PSI** at ambient temperature (70°F)
- relieving type
- two ports for high pressure and two ports for service

Port Size	SCFM	without Gauge	
		Part #	Price/E
1/4"	10	R83-200R	\$150.55



See pages 238-239 for regulator accessories.

FRL's are designed for air service only, unless otherwise indicated.

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SCFM ratings at 100 PSIG inlet pressure.

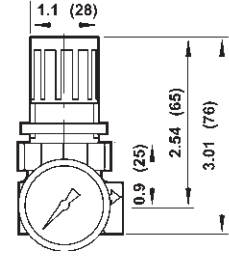
Norgren Series 1 Miniature Water Regulator

Designed for use with deionized water and potable water systems. Plastic and metals in contact with fluid are approved by the National Sanitation Foundation (NSF) or the Food and Drug Administration (FDA) for use in potable water systems. Elastomers are food grade.



- non-relieving type
- models supplied with GC620 gauge

Port Size	GPM	with Gauge	
		Part #	Price/E
1/4"	1.75	R91-221RG	\$83.15



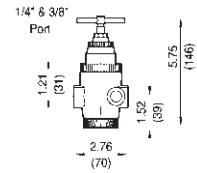
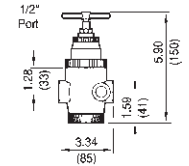
Norgren Series 1 Water Regulators

Used in water systems to reduce and maintain pressure at a nearly constant level despite changes in the inlet pressure and changes in downstream flow requirements. Brass body and aluminum bonnet.



- 5-125 PSI range
- inlet pressure: **400 PSI** at ambient temperature (70°F)
- T-handle adjustment
- non-relieving type
- gauge port is full-flow and can be used as an outlet port
- models supplied with GC230 gauge

Port Size	GPM	with Gauge	
		Part #	Price/E
1/4"	5	R43-201RG	\$268.05
3/8"	5	R43-301RG	268.05
1/2"	10	R43-406RG	337.65



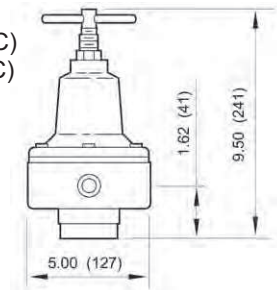
Norgren Series 1 Water Pressure Regulators

Balanced valve minimizes effects of the inlet pressure variations on outlet pressure. Body, valve and bottom plug are brass. Bonnet is aluminum and steel. Elastomers are nitrile.



- inlet pressure: **400 PSI**
- T-handle adjustment
- non-relieving type
- operating temperature:
water service: **35° to 200°F** (2° to 93°C)
air service: **-30° to 200°F** (-34° to 93°C)

Port Size	GPM	without Gauge	
		Part #	Price/E
3/4"	27.5	11-009-065	\$1115.55
1"	27.5	11-009-081	1115.55

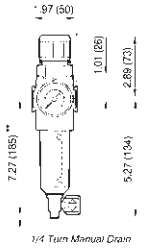


See pages 238-239 for regulator accessories.

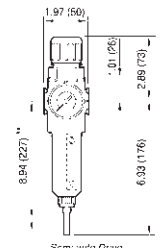
SCFM ratings at 100 PSIG inlet pressure.

Norgren Series 1 Filter / Regulators

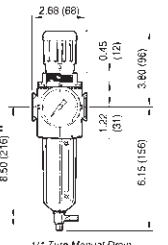
- 5-150 PSI range
- in-line or modular installation
- 40 micron element
- 2 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- particle removal per ISO 8573-1, Class 5 and Class 3
- models supplied with GC620 gauge
- inlet pressure: transparent bowl: **150 PSI** at ambient temperature (70°F) metal bowl: **250 PSI** at ambient temperature (70°F)



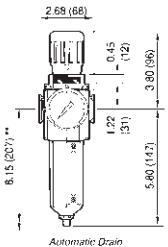
1/4 Turn Manual Drain
** minimum clearance required to remove bowl



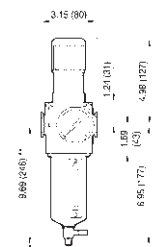
Semi-Auto Drain
** minimum clearance required to remove bowl



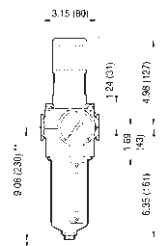
1/4 Turn Manual Drain
** minimum clearance required to remove bowl



Automatic Drain
** minimum clearance required to remove bowl



Manual Drain
** minimum clearance required to remove bowl



Automatic Drain
** minimum clearance required to remove bowl

1/4" with Transparent Bowl

Port Size	SCFM	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	80	B72G-2AG	\$188.85	B72G-2MG	\$133.90
3/8"	80	B72G-3AG	191.95	B72G-3MG	137.15

1/4" with Metal Bowl and Sight Glass

Port Size	SCFM	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	80	B72G-2AG-MB	\$203.55	B72G-2MG-MB	\$148.80
3/8"	80	B72G-3AG-MB	207.35	B72G-3MG-MB	152.30

- 5-150 PSI range
- in-line or modular installation
- 40 micron element
- 2 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- particle removal per ISO 8573-1, Class 5 and Class 3
- models supplied with GC230 gauge
- inlet pressure: transparent bowl: **150 PSI** at ambient temperature (70°F) metal bowl: **250 PSI** at ambient temperature (70°F)

3/8" with Transparent Bowl

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	78	B73G-2AG	\$268.50	B73G-2MG	\$201.10
3/8"	123	B73G-3AG	268.50	B73G-3MG	201.10
1/2"	123	B73G-4AG	268.50	B73G-4MG	201.10

3/8" with Metal Bowl and Sight Glass

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	78	B73G-2AG-MB	\$277.10	B73G-2MG-MB	\$209.60
3/8"	123	B73G-3AG-MB	277.10	B73G-3MG-MB	209.60
1/2"	123	B73G-4AG-MB	277.10	B73G-4MG-MB	209.60

- 5-125 PSI range
- 40 micron element
- 7 oz. reservoir
- relieving type
- models supplied with GC230 gauge

1/2" with Transparent Bowl and Guard

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	163	B74G-3AG	\$315.85	B74G-3MG	\$248.40
1/2"	212	B74G-4AG	315.85	B74G-4MG	248.40
3/4"	212	B74G-6AG	315.85	B74G-6MG	248.40

1/2" with Metal Bowl and Sight Glass

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	163	B74G-3AG-MB	\$320.40	B74G-3MG-MB	\$252.80
1/2"	212	B74G-4AG-MB	320.40	B74G-4MG-MB	252.80
3/4"	212	B74G-6AG-MB	346.95	B74G-6MG-MB	252.80

See page 242 for filter/regulator accessories.

FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.



with transparent bowl



with transparent bowl



with metal bowl



with guard



with metal bowl

Air Fittings

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Norgren Series 1 Micro-Fog Lubricators

- Micro-fog lubricators, identified by a red adjusting screw, are used for applications containing one or more points of lubrication, cylinders and multiple or single tools.
- Air flow through the lubricator lifts oil from the reservoir to the sight-feed dome. Oil is dropped into the fog generator and atomized into a fine mist. Lightweight particles are delivered downstream for lubrication. Heavier particles fall back into the reservoir.
- The micro-fog lubricator delivers 10% of the oil drops visible through the transparent sight-feed dome.
- *Micro-fog lubricators cannot be filled under pressure.*

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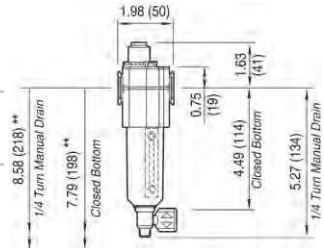
- 2 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- maximum operating conditions:
transparent bowl: **150 PSI** and **125°F**
metal bowl: **250 PSI** and **175°F**



with transparent bowl

1/4"

Port Size	SCFM	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	51	L72M-2	\$97.05	L72M-2MB	\$112.30
3/8"	51	L72M-3	100.75	L72M-3MB	115.85



** minimum clearance required to remove bowl

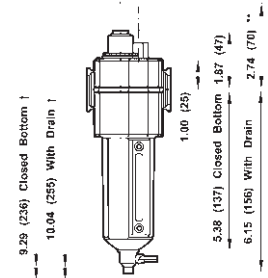
- 4 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- maximum operating conditions:
transparent bowl: **150 PSI** and **125°F**
metal bowl: **250 PSI** and **175°F**



with metal bowl

3/8"

Port Size	SCFM	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	70	L73M-2	\$130.70	L73M-2MB	\$139.40
3/8"	70	L73M-3	130.70	L73M-3MB	139.40
1/2"	70	L73M-4	130.70	L73M-4MB	139.40



See pages 240-241 for lubricator accessories. See page 136 for air tool lubricant.

SAFETY
ALERT

FRL's are designed for air service only, unless otherwise indicated.

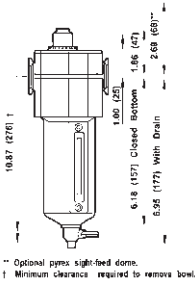
SCFM ratings at 100 PSIG inlet pressure.

Norgren Series 1 Micro-Fog Lubricators

- Micro-fog lubricators, identified by a red adjusting screw, are used for applications containing one or more points of lubrication, cylinders and multiple or single tools.
- Air flow through the lubricator lifts oil from the reservoir to the sight-feed dome. Oil is dropped into the fog generator and atomized into a fine mist. Lightweight particles are delivered downstream for lubrication. Heavier particles fall back into the reservoir.
- The micro-fog lubricator delivers 10% of the oil drops visible through the transparent sight-feed dome.
- *Micro-fog lubricators cannot be filled under pressure.*

SAFETY
ALERT

- 7 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- maximum operating conditions:
transparent bowl: **150 PSI** and **125°F**
metal bowl: **250 PSI** and **175°F**



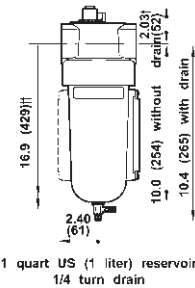
1/2"

Port Size	SCFM	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/8"	114	L74M-3	\$165.60	L74M-3MB	\$169.95
1/2"	154	L74M-4	165.60	L74M-4MB	169.95
3/4"	142	L74M-6	165.60	L74M-6MB	169.95



metal bowl

- 1 qt. reservoir
- oil level sight gauge
- one turn threaded bowl attachment permits easy maintenance
- inlet pressure: **250 PSI** at ambient temperature (70°F)



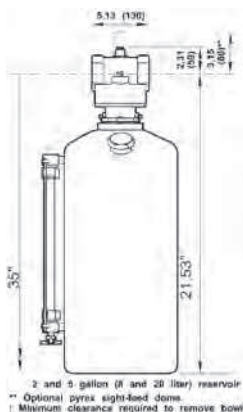
1"

Port Size	SCFM	Metal Bowl with Sight Glass	
		Part #	Price/E
3/4"	160	L17-600A	\$337.75
1"	275	L17-800A	337.75
1 1/4"	275	L17-A00A	395.25
1 1/2"	275	L17-B00A	395.25



metal bowl

- 2 gallon reservoir
- oil flow can be positively set
- reservoir is ASME construction
- inlet pressure: **250 PSI** at ambient temperature (70°F)



2" General Purpose (Oil-Fog Only)

Port Size	SCFM	Metal Bowl with Sight Glass	
		Part #	Price/E
2"	1000	10-076-004	\$5473.10



metal bowl

See pages 240-241 for lubricator accessories.
See page 136 for air tool lubricant.

FRL's are designed for air service only, unless otherwise indicated.

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SCFM ratings at 100 PSIG inlet pressure.

Norgren Series 1 Micro-Fog Lubricator with Pyrex® Sight Feed Dome

- Designed for use with alcohol or other anti-freeze agents when units are installed in cold temperature environments.
- Pyrex® sight feed dome with aluminum case and fluorocarbon O-Rings and seals; Pyrex® sight glass on bowls and metal petcock drain.
- Micro-fog lubricators, identified by a red adjusting screw, are used for applications containing one or more points of lubrication, cylinders and multiple or single tools.
- Air flow through the lubricator lifts oil from the reservoir to the sight-feed dome. Oil is dropped into the fog generator and atomized into a fine mist. Lightweight particles are delivered downstream for lubrication. Heavier particles fall back into the reservoir.
- The micro-fog lubricator delivers 10% of the oil drops visible through the transparent sight-feed dome.
- *Micro-fog lubricators cannot be filled under pressure.*

SAFETY
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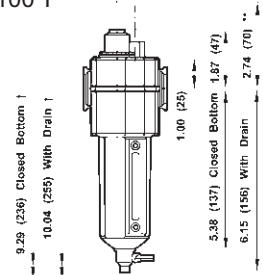


metal bowl

- 4 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**

3/8"

Port Size	SCFM	Metal Bowl with Sight Glass	
		Part #	Price/E
1/4"	60	L73M-2MBPX	\$243.70
3/8"	60	L73M-3MBPX	263.80
1/2"	60	L73M-4MBPX	263.80

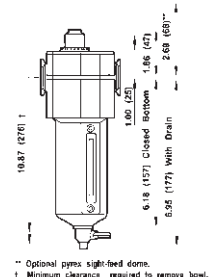


metal bowl

- 7 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**

1/2"

Port Size	SCFM	Metal Bowl with Sight Glass	
		Part #	Price/E
3/8"	114	L74M-3MBPX	\$322.30
1/2"	154	L74M-4MBPX	322.30
3/4"	142	L74M-6MBPX	322.30



** Optional pyrex sight-feed dome.
† Minimum clearance required to remove bowl.

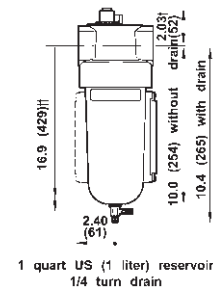


metal bowl

- 1 qt. reservoir
- oil level sight gauge
- particle removal per ISO 8573-1, class 5 and class 3
- one turn threaded bowl attachment permits easy maintenance
- inlet pressure: **250 PSI**

1/2"

Port Size	SCFM	Metal Bowl with Sight Glass	
		Part #	Price/E
3/4"	160	L17-600APX	\$363.90
1"	275	L17-800APX	363.90



1 quart US (1 liter) reservoir
1/4 turn drain

See pages 240-241 for lubricator accessories. See page 136 for air tool lubricant.

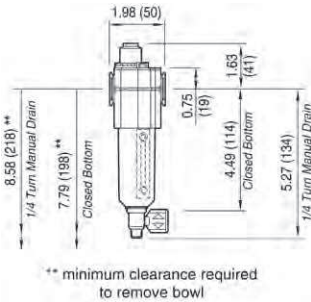
SAFETY
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FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Norgren Series 1 Oil-Fog Lubricators

- Oil-fog lubricators, identified by a green adjusting screw, are used for lubricating a single air tool or air motor, and are located as near the device as possible.
- All the oil visible dropping through the transparent sight-feed dome goes to the airstream.
- L72C, L73C and L74C OIL-FOG lubricators can be filled under pressure.



- 2 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- can be filled under pressure
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- maximum operating conditions:
transparent bowl: **150 PSI** and **125°F**
metal bowl: **250 PSI** and **175°F**

1/4"

Port Size	SCFM	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	51	L72C-2	\$96.75	L72C-2MB	\$112.05
3/8"	51	L72C-3	100.30	L72C-3MB	115.50

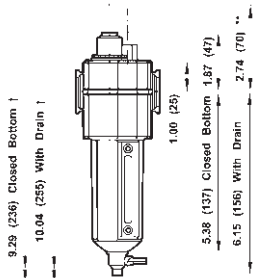


with transparent bowl

- 4 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- can be filled under pressure
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- maximum operating conditions:
transparent bowl: **150 PSI** and **125°F**
metal bowl: **250 PSI** and **175°F**

3/8"

Port Size	SCFM	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	60	L73C-2	\$130.70	L73C-2MB	\$139.40
3/8"	60	L73C-3	130.70	L73C-3MB	139.40
1/2"	60	L73C-4	130.70	L73C-4MB	139.40



with metal bowl

See pages 240-241 for lubricator accessories. See page 136 for air tool lubricant.

FRL's are designed for air service only, unless otherwise indicated.

SAFETY
ALERT

SCFM ratings at 100 PSIG inlet pressure.

Norgren Series 1 Oil-Fog Lubricators

- Oil-fog lubricators, identified by a green adjusting screw, are used for lubricating a single air tool or air motor, and are located as near the device as possible.
- All the oil visible dropping through the transparent sight-feed dome goes to the airstream.
- L72C, L73C and L74C OIL-FOG lubricators can be filled under pressure.

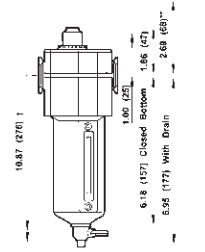


metal bowl

- 7 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- can be filled under pressure
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- maximum operating conditions:
transparent bowl: **150 PSI** and **125°F**
metal bowl: **250 PSI** and **175°F**

1/2"

Port Size	SCFM	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/8"	118	L74C-3	\$165.60	L74C-3MB	\$169.95
1/2"	192	L74C-4	165.60	L74C-4MB	169.95
3/4"	186	L74C-6	165.60	L74C-6MB	169.95



** Optional pyrex sight-feed dome.
† Minimum clearance required to remove bowl.

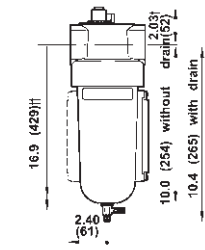


metal bowl

- 1 qt. reservoir
- oil level sight gauge
- cannot be filled under pressure **SAFETY ALERT**
- one turn threaded bowl attachment permits easy maintenance
- inlet pressure: **250 PSI** at ambient temperature (70°F)

1"

Port Size	SCFM	Metal Bowl with Sight Glass	
		Part #	Price/E
3/4"	160	L17-600D	\$337.75
1"	275	L17-800D	337.75
1 1/4"	275	L17-A00D	395.25
1 1/2"	275	L17-B00D	395.25



1 quart US (1 liter) reservoir
1/4 turn drain

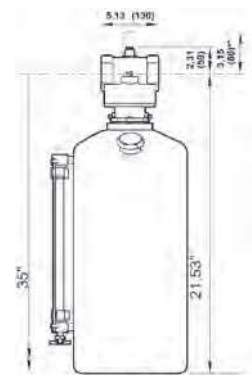


metal bowl

- 2 gallon reservoir
- oil flow can be positively set
- cannot be filled under pressure **SAFETY ALERT**
- reservoir is ASME construction
- inlet pressure: **250 PSI** at ambient temperature (70°F)

2" General Purpose (Oil-Fog Only)

Port Size	SCFM	Metal Bowl with Sight Glass	
		Part #	Price/E
2"	1000	10-076-004	\$5473.10



2 and 3 gallon (8 and 20 liter) reservoir
** Optional pyrex sight-feed dome.
† Minimum clearance required to remove bowl.

See pages 240-241 for lubricator accessories. See page 136 for air tool lubricant.

SAFETY ALERT

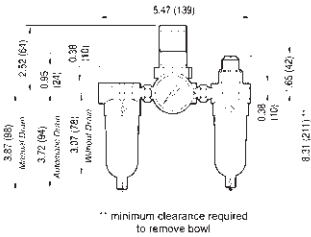
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Norgren Series 1 Combination Units

- These units are intended for use in industrial compressed air systems only. Not for use with fluids. They must not be used where pressure or temperature may exceed maximum rated operating conditions.
- Combination Units are supplied with micro-fog lubricators.
- The polycarbonated plastic bowls used on these units can be damaged and possibly burst if exposed to such substances as certain solvents, strong alkalis, compressor oils that contain ester-based additives or synthetic oils. Fumes of these substances in contact with the polycarbonate bowl, externally or internally, can also result in damage. Use metal bowl in applications where a plastic bowl might be exposed to substances that are incompatible with polycarbonates. Clean with warm water only.

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- 5-125 PSI range
- 1 oz. reservoir
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)
- models supplied with a GC620 gauge

Miniature Combination Units with Transparent Bowl

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	14	P1A-100A	\$249.65	P1A-100M	\$240.55
1/4"	14	P1A-200A	250.90	P1A-200M	241.80



transparent bowls

Air Fittings

- 5-150 PSI range
- 2 oz. reservoir
- inlet pressure:
transparent bowl: **150 PSI** at ambient temperature (70°F)
metal bowl: **250 PSI** at ambient temperature (70°F)
- models supplied with a GC620 gauge
- connected modularly
- Includes 2 clamps and wall mounting brackets # 4214-52, 2 clamps # 4214-51 and 2 NPT pipe adapters. See modular components on pages 237, 239 and 241 for other options.

1/4" Combination Unit with Transparent Bowl

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	36	E72-2A	\$483.00	E72-2M	\$428.45
3/8"	36	E72-3A	493.85	E72-3M	439.05



transparent bowls

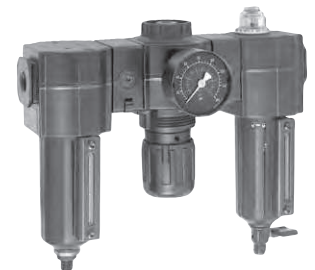
1/4" Combination Unit with Metal Bowl

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	36	E72-2A-MB	\$513.55	E72-2M-MB	\$458.60
3/8"	36	E72-3A-MB	523.95	E72-3M-MB	469.05

- 5-150 PSI range
- 2 oz. reservoir
- inlet pressure:
transparent bowl: **150 PSI** at ambient temperature (70°F)
metal bowl: **250 PSI** at ambient temperature (70°F)
- models supplied with a G230 gauge
- connected modularly
- Includes 2 clamps and wall mounting brackets # 4214-52, 2 clamps # 4214-51 and 2 NPT pipe adapters. See modular components on pages 237, 239 and 241 for other options.

3/8" Combination Unit with Transparent Bowl

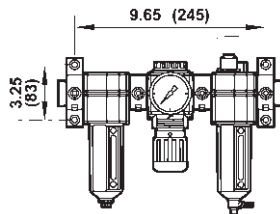
Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	70	E73-2A	\$604.30	E73-2M	\$536.65
3/8"	70	E73-3A	604.30	E73-3M	536.65
1/2"	70	E73-4A	604.30	E73-4M	536.65



metal bowls

3/8" Combination Unit with Metal Bowl

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	70	E73-2A-MB	\$621.50	E73-2M-MB	\$553.95
3/8"	70	E73-3A-MB	621.50	E73-3M-MB	553.95
1/2"	70	E73-4A-MB	621.50	E73-4M-MB	553.95



FRL's are designed for air service only, unless otherwise indicated.

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SCFM ratings at 100 PSIG inlet pressure.

Norgren Series 1 Combination Units

- 5-150 PSI range
- 7 oz. reservoir
- inlet pressure: transparent bowl: **150 PSI** at ambient temperature (70°F)
metal bowl: **250 PSI** at ambient temperature (70°F)
- models supplied with a GC230 gauge
- connected modularly
- Includes 2 clamps and wall mounting brackets # 4314-52, 2 clamps # 4314-51 and 2 NPT pipe adapters. See modular components on pages 237, 239 and 241 for other options.

1/2" Combination Unit with Transparent Bowl and Guard

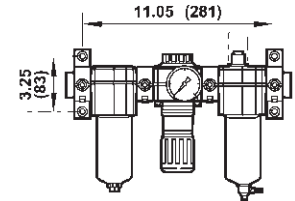
Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	110	E74-3A	\$733.85	E74-3M	\$666.20
1/2"	150	E74-4A	733.85	E74-4M	666.20
3/4"	140	E74-6A	733.85	E74-6M	666.20

1/2" Combination Unit with Metal Bowl and Sight Glass

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	110	E74-3A-MB	\$742.55	E74-3M-MB	\$675.10
1/2"	150	E74-4A-MB	742.55	E74-4M-MB	675.10
3/4"	140	E74-6A-MB	742.55	E74-6M-MB	675.10



with metal bowls

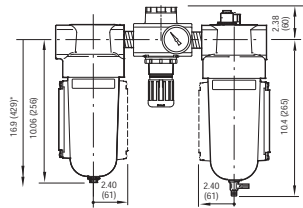


with metal bowls

- 5-125 PSI range
- 1 qt. reservoir
- inlet pressure: **250 PSI** at ambient temperature (70°F)

1" Combination Unit with Metal Bowl and Sight Glass

Port Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/4"	160	P8A-660A	\$1072.05	P8A-660M	\$1003.50
1"	275	P8A-860A	1064.40	P8A-860M	995.85



* Minimum clearance required to remove bowl.

Desiccant Compressed Air Dryers

- Compressed air dryers help to eliminate condensation at the point of use. A replaceable element filters outlet air to help prevent desiccant dust migration downstream.
- Silica gel desiccant changes color from blue to pink when desiccant replacement is needed. Desiccant can be dried and reused by heating to 275°F, or replaced. Moisture indicator on top of body.
- An after filter should be placed downstream from the desiccant dryer to ensure solid contaminants such as desiccant dust do not migrate downstream.

7 oz. reservoir:

- uses 1 gel packet
- nominal air drying capacity 750 cubic feet at 100 PSI and 77°F
- maximum inlet pressure: **150 PSI**
- maximum temperature: **175°F**

1 qt. reservoir:

- uses 5 gel packets
- nominal air drying capacity 6000 cubic feet at 100 PSI and 77°F
- maximum inlet pressure: **250 PSI**
- maximum temperature: **175°F**

- in-line or modular installation
- 1.25 lb. bowl capacity
- quick release bayonet bowl



7 oz. reservoir

1 qt. reservoir

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FRL's are designed for air service only, unless otherwise indicated.

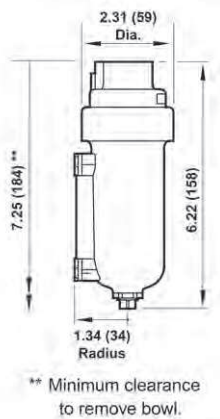
1/4"

Reservoir Size	SCFM	Metal Bowl with Guard	
		Part #	Price/E
7 oz.	5	W74D-2A-MB7	\$261.35
1 qt.	10	W74D-2A-MB32	520.65

See page 236 for silica gel refills.

SCFM ratings at 100 PSIG inlet pressure.

Norgren Series 1 Drip Leg Automatic Drain



Used in compressed air systems to automatically expel liquids from piping systems. Installed at low points in piping and at end of pipe network, where water is likely to accumulate.

- metal bowl
- drain is ported to 1/8" NPT
- inlet for metal bowl: **250 PSIG** at ambient temperature (70°F)

Port Size	Part #	Price/E
1/2"	17-016-107	\$269.00



Air Fittings

Brass Hex Nipples

Size	Part #	Price/E	Opt Qty
1/8" x 1/8"	BCN12	\$2.16	100
1/4" x 1/4"	BCN25	2.75	100
3/8" x 3/8"	BCN37	3.71	50
1/2" x 1/2"	BCN50	5.54	25
3/4" x 3/4"	BCN75	7.33	100
1" x 1"	BCN100	17.42	50



Carbon Steel Close Nipples

- Stainless steel close nipples are available on pages 274 and 589.
- Brass close nipples are available on page 313.

Size	Part #	Price/E	Opt Qty
1" x 1"	CN100	\$3.50	10
1-1/4" x 1-1/4"	CN125	4.40	10
1-1/2" x 1-1/2"	CN150	5.50	10
2" x 2"	CN200	7.45	10



Do not use pipe nipples as hose inserts.

SAFETY
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Norgren Series 1 Filter Accessories**Elements**

Used On	Description	Part #	Price/E
F07	5 micron	3652-11	\$24.55
F08	5 micron	3161-16	23.40
	40 micron	3161-18	23.40
F17	5 micron	5311-01	126.10
	25 micron	5311-02	126.10
	40 micron	5311-03	108.00
F18	5 micron	5882-11	339.40
	25 micron	5882-12	339.40
	50 micron	5882-13	339.40
F72	5 micron	5925-03	15.60
	40 micron	5925-02	13.00
F73	5 micron	4438-01	18.85
	40 micron	4438-03	18.85
	5 micron	4338-04	20.10
F74	40 micron	4338-05	18.05
F74C	oil removal filter	4344-01	116.70
F74H	oil removal filter	4344-02	173.00
F74V	vapor removal filter	4341-01	218.45

5 micron element
5925-03**Gel Refills**

Used On	Description	Part #	Price/E
W74D	5 silica gel refills, .25 lb. ea	4385-700	\$202.55

Bowls and Bowl Guards

Used On	Description	Part #	Price/E
F07	polycarbonate bowl with auto drain	3646-51	\$33.80
	polycarbonate bowl with manual drain	3646-53	23.10
F08	transparent bowl with manual drain	3776-50	86.40
	transparent bowl with auto drain	3776-51	321.00
F17	metal bowl with drain	5390-77	258.80
F72	transparent bowl with manual drain	4266-50RF	42.85
	transparent bowl with semi-automatic drain	4266-52RF	57.80
F73	transparent bowl with manual drain, ¼ turn	4425-50RF	62.35
	transparent bowl with auto drain	4425-51RF	158.45
F74	transparent bowl and guard	4325-51R	65.05
	transparent bowl assy with manual drain, ¼ turn	4325-52R	160.70
	bowl guard only	4326-01	27.50

transparent bowl and guard
4325-51R**Auto and Manual Drains**

Used On	Description	Part #	Price/E
F08,F17	auto drain	3000-10	\$84.65
	manual drain assembly	2796-52	16.40
F72	semi-automatic drain	5379-RK	55.25
F72, F73	auto drain	4000-51R	39.00
F74	auto drain	3000-10	84.65
F72, F73, F74	manual drain	619-50	14.35

auto drain
3000-10**Lens Kits**

Used On	Description	Part #	Price/E
F72	liquid level lens kit	4380-020	\$20.15
F73	liquid level lens kit	4380-030	20.50
F74	Pyrex® sight glass kit	4380-051	31.70

liquid level lens kit
4380-030

Norgren Series 1 Filter Accessories

Indicator Conversion Kit

- allows addition of service life indicator in the field
- for general purpose and oil removal filters

Used On	Description	Part #	Price/E
F72, F73, F74	service life indicator	5797-50	\$72.10



service life indicator

Mounting Brackets

Used On	Description	Part #	Price/E
F07	mounting bracket only	5939-06	\$15.10
F08	mounting bracket only	3783-52	52.20
F17	mounting bracket kit for 3/4" and 1" ported units	6212-50	117.55
	mounting bracket kit for 1 1/4" and 1 1/2" ported units	6212-51	128.55

mounting bracket
6212-50

Wall Mounting Brackets

- For use instead of quick-clamps and pipe adapters to secure to a wall, machine panel or other flat surface
- Use close nipples to connect combination unit and then place in bracket.

Used On	Description	Part #	Price/E
F72	wall mounting bracket for all F72 series	4224-50	\$20.70
F73	wall mounting bracket for all F73 series	4424-50	19.25
F74	wall mounting bracket for all F74 series	4324-50	25.50



4324-50

Quick Clamps and Brackets

Quick-clamp

- provides modular installation capability
- flanges on the products slide into V grooves in clamp
- face-sealing O-rings provide a positive seal when clamp is closed and screw tightened

Bracket for quick-clamp

- provides secure mounting to a wall, machine panel or other flat surface

Used On	Description	Part #	Price/E
F72	quick-clamp	4214-51	\$18.20
	quick-clamp service kit (2 O-rings)	4384-570	13.00
	wall bracket for quick-clamp (uses 3/16" screws)	4213-89	13.00
	quick-clamp and bracket assembly	4214-52	23.40
F73, F74	quick-clamp	4314-51	19.65
	quick-clamp service kit (2 O-rings)	4384-770	14.35
	wall bracket for quick-clamp (uses 7/32" screws)	4313-50	15.60
	quick-clamp and bracket assembly	4314-52	29.90



quick-clamp

bracket



quick-clamp with bracket

Blocks

- installs with quick-clamps
- provides additional outlets and manifolding capability

Used On	Description	Part #	Price/E
F72	porting block, three 1/4" PTF outlets	4216-50	\$37.30
	manifold block, three 3/8" PTF outlets	4228-01	84.15
F73, F74	porting block, three 1/4" PTF outlets	4316-50	39.50
	manifold block, three 3/4" PTF outlets	4328-50	78.45



porting block

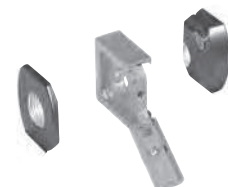


manifold block

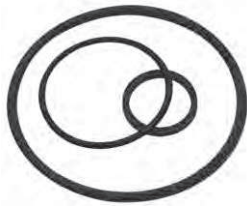
Adapters

- installs with quick-clamps
- provides PTF connections to system piping
- sold individually

Used On	Description	Part #	Price/E
F72	1/4" PTF connections	4215-02	\$31.20
	3/8" PTF connections	4215-03	20.80
F73, F74	1/4" PTF connections	4315-01	27.30
	3/8" PTF connections	4315-02	27.30
	1/2" PTF connections	4315-03	28.55
	3/4" PTF connections	4315-04	27.30



pipe adapters

Norgren Series 1 Filter Accessories

4380-700

Service Kits

Used On	Description	Part #	Price/E
F08	O-rings, seals, and gaskets	3163-05	\$10.95
F17	O-rings, seals, and gaskets	5578-05	35.05
F18	O-rings, seals, and gaskets	5945-50	43.40
F72	O-rings, seals, and gaskets	4380-500	13.35
F73	O-rings, seals, and gaskets	4380-600	13.10
F74	O-rings, seals, and gaskets	4380-700	14.35

Norgren Series 1 Regulator Accessories**Replacement Springs**

4432-02

Used On	Description	Part #	Price/E
R72	5-60 PSI	4232-02	\$15.60
	5-150 PSI	4232-03	13.55
R73	5-60 PSI	4432-01	15.60
	5-150 PSI	4432-02	15.60
R74	5-60 PSI	4332-01	13.80
	5-150 PSI	4332-02	13.80

Tamper Resistant Cover and Seal Wire

tamper resistant cover

- helps prevent unauthorized adjustment to the pressure setting
- cover can be locked in place with up to four padlocks
- installs on adjusting knob

Used On	Description	Part #	Price/E
R72	tamper proof kit	4255-51	\$16.95
R73	tamper proof kit	4455-51	22.20
R74	tamper proof kit	4355-51	22.50

Panel Nuts

panel nut

Used On	Description	Part #	Price/E
R07	plastic panel nut	2962-89	\$8.45
R08	plastic panel nut	5191-89	16.40
R17	metal panel nut	5226-97	35.60
R22	stainless steel panel nut	5988-02	106.50
R72	plastic panel nut	4248-89	10.40
R73	zinc panel nut	5191-88	11.95
R74	zinc panel nut	4348-89	10.25

Repair Kits

3407-01



4381-700

Used On	Description	Part #	Price/E
R06	diaphragm, relieving	3407-01	\$29.35
R07	diaphragm, relieving	3407-02	29.35
R08	diaphragm, relieving	5298-14	70.95
R11	diaphragm, relieving	529-03	113.50
R17	diaphragm, relieving	5578-02	102.15
R18	seal kit only	5945-40	34.15
R72	diaphragm, relieving	4381-500	25.00
R73	diaphragm, relieving	4381-600	37.70
R74	diaphragm, relieving	4381-700	43.65

Norgren Series 1 Regulator Accessories

Mounting Brackets

Used On	Description	Part #	Price/E
R07	mounting bracket with plastic panel nut	18-025-003	\$18.20
R08	mounting bracket with plastic panel nut	5203-06	32.35
R17	mounting bracket with plastic panel nut	5570-04	45.50
R22	mounting bracket	18-001-962	85.70
	mounting bracket with panel nut	18-001-959	272.20



18-025-003



5203-06



4324-50

Wall Mounting Brackets

- For use instead of quick-clamps and pipe adapters to secure to a wall, machine panel or other flat surface
- Use close nipples to connect combination unit and then place in bracket.

Used On	Description	Part #	Price/E
R72	wall mounting bracket for all R72 series	4224-50	\$20.70
R73	wall mounting bracket for all R73 series	4424-50	19.25
R74	wall mounting bracket for all R74 series	4324-50	25.50

Quick Clamps and Brackets

Quick-clamp

- provides modular installation capability
- flanges on the products slide into V grooves in clamp
- face-sealing O-rings provide a positive seal when clamp is closed and screw tightened

Bracket for quick-clamp

- provides secure mounting to a wall, machine panel or other flat surface

Used On	Description	Part #	Price/E
R72	quick-clamp	4214-51	\$18.20
	quick-clamp service kit (2 O-rings)	4384-570	13.00
	wall bracket for quick-clamp (uses 3/16" screws)	4213-89	13.00
	quick-clamp and bracket assembly	4214-52	23.40
R73, R74	quick-clamp	4314-51	19.65
	quick-clamp service kit (2 O-rings)	4384-770	14.35
	wall bracket for quick-clamp (uses 7/32" screws)	4313-50	15.60
	quick-clamp and bracket assembly	4314-52	29.90



quick-clamp

bracket



quick-clamp with bracket

Blocks

- installs with quick-clamps
- provides additional outlets and manifolding capability

Used On	Description	Part #	Price/E
R72	porting block, three 1/4" PTF outlets	4216-50	\$37.30
	manifold block, three 3/8" PTF outlets	4228-01	84.15
R73, R74	porting block, three 1/4" PTF outlets	4316-50	39.50
	manifold block, three 3/4" PTF outlets	4328-50	78.45



porting block

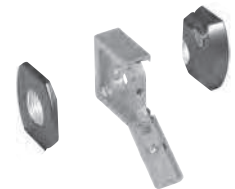


manifold block

Adapters

- installs with quick-clamps
- provides PTF connections to system piping
- sold individually

Used On	Description	Part #	Price/E
R72	1/4" PTF connections	4215-02	\$31.20
	3/8" PTF connections	4215-03	20.80
R73, R74	1/4" PTF connections	4315-01	27.30
	3/8" PTF connections	4315-02	27.30
	1/2" PTF connections	4315-03	28.55
	3/4" PTF connections	4315-04	27.30



pipe adapters

see page 254 for replacement gauges

Norgren Series 1 Lubricator Accessories

Bowls and Bowl Guards



3776-54

Used On	Description	Part #	Price/E
L07	polycarbonate bowl with manual drain	3646-54	\$20.80
L08	transparent bowl with manual drain	3776-54	74.70
L73	transparent bowl with manual drain	4425-50RL	70.15
L74	metal bowl with Pyrex® liquid level indicator and ¼ turn manual drain	4303-77R	137.85
	transparent bowl with manual drain bowl guard only	4325-50R 4326-01	65.05 27.50



2796-52

Auto and Manual Drain

Used On	Description	Part #	Price/E
L08, L17	manual drain assembly	2796-52	\$16.40

Seal Wire

- provides tamper resistant protection of the lubricator drip rate setting



seal wire

Used On	Description	Part #	Price/E
L73, L74	metal	2117-01	\$14.80

Domes, Caps and Plugs



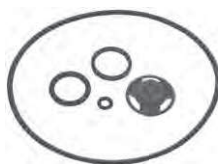
18-011-021



5605-50

Used On	Description	Part #	Price/E
L08	quick fill cap	18-011-024	\$29.35
L17, L74	quick fill cap	18-011-021	41.85
L72	acetal fill plug	4272-99	13.00
L73, L74	aluminum fill plug	5301-55	13.65
L72, L74, L73	sight feed dome (micro-fogging design)	4055-50	29.60
	sight feed dome (oil-fogging design)	4055-51	29.60
L72, L74	Pyrex® sight feed dome	5605-50	164.00
L74	liquid level indicator repair kit	4380-050	32.20

Seal Kits



5771-02

Used On	Description	Part #	Price/E
L17	O-rings, seals, and gaskets	5771-02	\$14.70
L72	O-rings, seals, and gaskets	4382-500	13.35
	Viton® seal	2325-10	9.50
	buna seal	720-01	13.80
L73	O-rings, seals, and gaskets	4382-600	15.20
L74	O-rings, seals, and gaskets	4382-700	13.00
	Viton® seal	2325-13	14.35

Mounting Brackets

mounting bracket
6212-50

Used On	Description	Part #	Price/E
L07	mounting bracket only	5095-17	\$15.60
L08	mounting bracket only	3783-52	52.20
L17	mounting bracket kit for ¾" and 1" ported units	6212-50	117.55
	mounting bracket kit for 1¼" and 1½" ported units	6212-51	128.55

Norgren Series 1 Lubricator Accessories

Wall Mounting Brackets

- For use instead of quick-clamps and pipe adapters to secure to a wall, machine panel or other flat surface
- Use close nipples to connect combination unit and then place in bracket.

Used On	Description	Part #	Price/E
L72	wall mounting bracket for all L72 series	4224-50	\$20.70
L73	wall mounting bracket for all L73 series	4424-50	19.25
L74	wall mounting bracket for L74 series	4324-50	25.50
	wall mounting bracket for L74 series with 1 quart reservoir	4324-51	50.70



4324-50

☰
Air
Fittings

Quick Clamps and Brackets

Quick-clamp

- provides modular installation capability
- flanges on the products slide into V grooves in clamp
- face-sealing O-rings provide a positive seal when clamp is closed and screw tightened

Bracket for quick-clamp

- provides secure mounting to a wall, machine panel or other flat surface

Used On	Description	Part #	Price/E
L72	quick-clamp	4214-51	\$18.20
	quick-clamp service kit (2 O-rings)	4384-570	13.00
	wall bracket for quick-clamp (uses 3/16" screws)	4213-89	13.00
	quick-clamp and bracket assembly	4214-52	23.40
L73, L74	quick-clamp	4314-51	19.65
	quick-clamp service kit (2 O-rings)	4384-770	14.35
	wall bracket for quick-clamp (uses 7/32" screws)	4313-50	15.60
	quick-clamp and bracket assembly	4314-52	29.90



quick-clamp



bracket



quick-clamp with bracket

Blocks

- installs with quick-clamps
- provides additional outlets and manifolding capability

Used On	Description	Part #	Price/E
L72	porting block, three 1/4" PTF outlets	4216-50	\$37.30
	manifold block, three 3/8" PTF outlets	4228-01	84.15
L73, L74	porting block, three 1/4" PTF outlets	4316-50	39.50
	manifold block, three 3/4" PTF outlets	4328-50	78.45



porting block

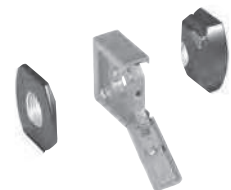


manifold block

Adapters

- installs with quick-clamps
- provides PTF connections to system piping
- sold individually

Used On	Description	Part #	Price/E
L72	1/4" PTF connections	4215-02	\$31.20
	3/8" PTF connections	4215-03	20.80
L73, L74	1/4" PTF connections	4315-01	27.30
	3/8" PTF connections	4315-02	27.30
	1/2" PTF connections	4315-03	28.55
	3/4" PTF connections	4315-04	27.30



pipe adapters

Norgren Series 1 Filter/Regulator Accessories**Bowls and Bowl Guards**

4325-51R

Used On	Description	Part #	Price/E
B74	transparent bowl with manual drain	4325-51R	\$65.05
	transparent bowl with auto drain	4325-52R	160.70
	bowl guard only	4326-01	27.50

Tamper Resistant Cover and Seal Wire

tamper resistant cover

- helps prevent unauthorized adjustment to the pressure setting
- cover can be locked in place with up to four padlocks
- installs on adjusting knob

Used On	Description	Part #	Price/E
B72	tamper proof kit	4255-51	\$16.95
B73	tamper proof kit	4455-51	22.50
B74	tamper proof kit	4355-51	22.20

Panel Nuts

panel nut

Used On	Description	Part #	Price/E
B08	plastic panel nut	5191-89	\$16.40
B72	plastic panel nut	4248-89	10.40
B73	zinc panel nut	5191-88	11.95
B74	zinc panel nut	4348-89	10.25

Mounting Brackets

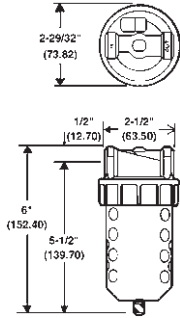
18-025-003

Used On	Description	Part #	Price/E
B07	mounting bracket	18-025-003	\$18.20
B08	mounting bracket kit	5203-06	32.35

see page 254 for replacement gauges

Watts Filters

- 40 micron polypropylene element
- 5 oz. bowl
- zinc body
- operating conditions:
temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
pressure: **150 PSIG** (10.2 bar) maximum



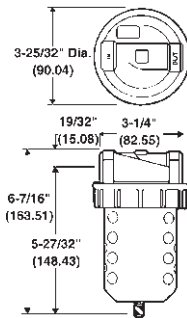
Compact Polycarbonate Bowl with Plastic Bowl Guard

Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	55	F602-02BJR	\$174.75	F602-02BJ	\$114.50
3/8"	75	F602-03BJR	174.75	F602-03BJ	114.50



Air Fittings

- 40 micron polypropylene element
- 8 oz. bowl
- zinc body
- operating conditions:
temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
pressure: **150 PSIG** (10.2 bar) maximum

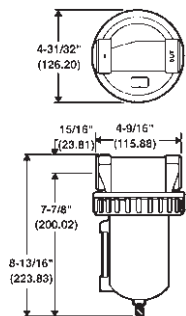


Standard Polycarbonate Bowl with Plastic Bowl Guard

Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/2"	110	F602-04BJR	\$217.45	F602-04BJ	\$157.20



- 40 micron polypropylene element
- 16 oz. bowl
- zinc body
- automatic drain operating conditions:
temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
pressure: **175 PSIG** (12 bar) maximum
- manual drain operating conditions:
temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
pressure: **250 PSIG** (17 bar) maximum



Standard Zinc Bowl with Sight Glass

Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/4"	250	F602-06WJR	\$359.40	F602-06WJ	\$299.15
1"	340	F602-08WJR	359.40	F602-08WJ	299.15



See page 248 for filter accessories.

FRL's are designed for air service only, unless otherwise indicated.

SAFETY
ALERT

SCFM ratings at 150 PSIG inlet pressure.

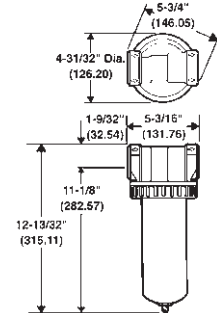
Watts Filters

- 40 micron polypropylene element
- 16 oz. bowl
- zinc body
- automatic drain operating conditions:
temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
pressure: **175 PSIG** (12 bar) maximum
- manual drain operating conditions:
temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
pressure: **250 PSIG** (17 bar) maximum



Standard Zinc Bowl with Sight Glass

Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1 1/2"	380	F602-12WJR	\$420.40	F602-12WJ	\$360.15

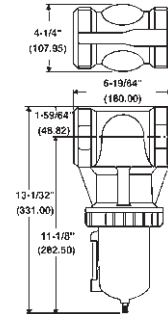


- 40 micron polypropylene element
- 26 oz. bowl
- aluminum body
- automatic drain operating conditions:
temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
pressure: **175 PSIG** (12 bar) maximum
- manual drain operating conditions:
temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
pressure: **250 PSIG** (17 bar) maximum



Standard Zinc Bowl with Sight Glass

Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
2"	1125	F602-16WJR	\$1224.50	F602-16WJ	\$1166.35



See page 248 for filter accessories.

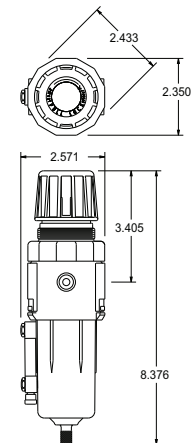
Watts Filter / Regulator

- 2 - 125 PSIG (.15 - 8.5 bar) range
- 40 micron filter
- 4 oz. bowl
- zinc body
- relieving
- diaphragm operated
- spring adjustment mechanism
- glass-filled acetal plastic spring cage
- tamper resistant, snap lock, removable knobs
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- use a GC230 gauge (not supplied)



Zinc Bowl with Sight Glass

Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	60	B11-02WJCR	\$268.15	B11-02WJC	\$207.90
3/8"	70	B11-03WJCR	268.15	B11-03WJC	207.90
1/2"	80	B11-04WJCR	268.15	B11-04WJC	207.90



See page 248-249 for filter/regulator accessories.

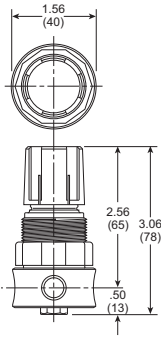
SAFETY
ALERT

FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Watts Regulators

Crowder Supply Co., Inc. • 8495 Roslyn St., Commerce City, CO 80022 • Toll Free: 888-883-5144 • www.CrowderSupply.com



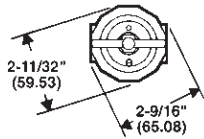
- 2 - 125 PSIG (.15 - 8.5 bar) range
- brass body
- relieving
- diaphragm operated
- non-rising adjusting knob
- supply pressure: **300 PSIG** (20.4 bar) maximum
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- 1/8" gauge port

Mini

Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	10	R364-02CG	\$78.00	R364-02C	\$57.30



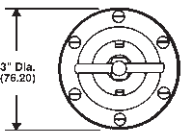
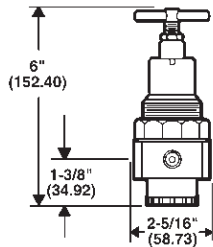
Air Fittings



- 2 - 125 PSIG (.15 - 8.5 bar) range
- zinc body
- relieving
- diaphragm operated
- spring adjustment mechanism
- t-Handle design
- supply pressure: **300 PSIG** (20.4 bar) maximum
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- uses a GC230 gauge

Compact

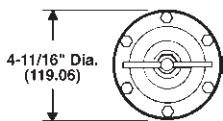
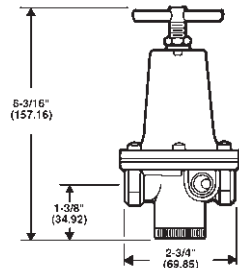
Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	60	R11-02CG	\$118.35	R11-02C	\$97.65
3/8"	70	R11-03CG	118.35	R11-03C	97.65
1/2"	80	R11-04CG	118.35	R11-04C	97.65



- 2 - 125 PSIG (.15 - 8.5 bar) range
- zinc body
- relieving
- diaphragm operated
- spring adjustment mechanism
- t-Handle design
- brass bottom plug
- aluminum spring cage
- supply pressure: **300 PSIG** (20.4 bar) maximum
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- uses a GC230 gauge

Standard

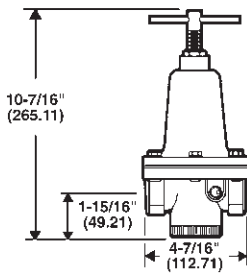
Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	60	R119-02CG	\$139.30	R119-02C	\$118.60
3/8"	80	R119-03CG	139.30	R119-03C	118.60
1/2"	100	R119-04CG	162.15	R119-04C	141.45



- 2 - 125 PSIG (.15 - 8.5 bar) range
- zinc body
- relieving
- diaphragm operated
- spring adjustment mechanism
- t-handle design
- acetal bottom plug
- aluminum spring cage
- supply pressure: **300 PSIG** (20.4 bar) maximum
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- uses a GC230 gauge

Standard

Size	SCFM	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
3/4"	200	R119-06CG	\$256.25	R119-06C	\$235.55
1"	220	R119-08CG	256.25	R119-08C	235.55
1 1/2"	250	R119-12CG	317.55	R119-12C	296.85



See page 249 for regulator accessories.

FRL's are designed for air service only, unless otherwise indicated.

SAFETY
ALERT

SCFM ratings at 150 PSIG inlet pressure.

Watts Lubricators

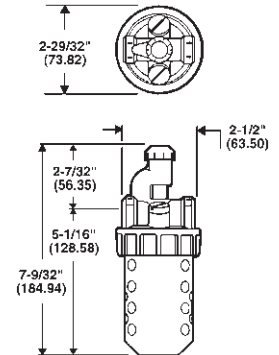
- general purpose
- high performance over a very wide flow range
- lubricator is fillable while under pressure
- rate of lubrication is automatically proportioned to air flow eliminating readjustment

- 5 oz. bowl
- zinc body
- operating conditions:
temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
pressure: **150 PSIG** (10.2 bar) maximum



Compact

Size	SCFM	Polycarbonate Bowl with Plastic Bowl Guard	Part #	Price/E
1/4"	60		L606-02B	\$142.50
3/8"	90		L606-03B	142.50

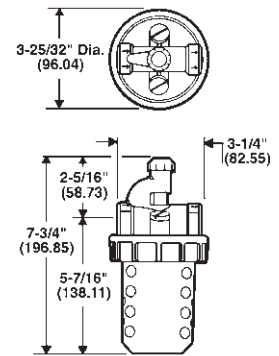


- 8 oz. bowl
- zinc body
- operating conditions:
temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
pressure: **150 PSIG** (10.2 bar) maximum



Standard

Size	SCFM	Polycarbonate Bowl with Plastic Bowl Guard	Part #	Price/E
1/2"	125		L606-04B	\$170.30

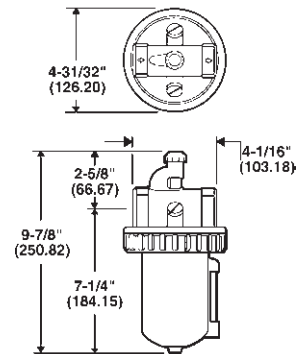


- 16 oz. bowl
- zinc body
- operating conditions:
temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
pressure: **250 PSIG** (17 bar) maximum



Standard

Size	SCFM	Zinc Bowl with Sight Glass	Part #	Price/E
3/4"	275		L606-06W	\$306.60
1"	320		L606-08W	306.60

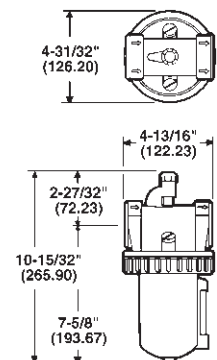


- 16 oz. bowl
- zinc body
- operating conditions:
temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
pressure: **250 PSIG** (17 bar) maximum



Standard

Size	SCFM	Zinc Bowl with Sight Glass	Part #	Price/E
1 1/2"	550		L606-12W	\$364.90



See pages 249 for lubricator accessories. See page 136 for air tool lubricant.

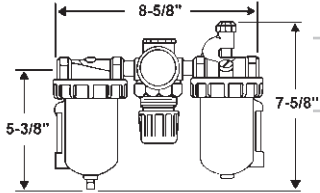
SAFETY
ALERT

FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

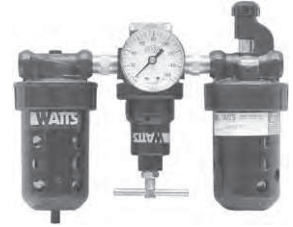
Watts Combination Units

- 5 oz. bowl
- 40 micron polypropylene element
- zinc body
- operating conditions:
temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
pressure: **150 PSIG** (10.2 bar) maximum



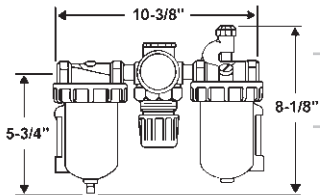
Compact Polycarbonate Bowl with Plastic Bowl Guard

Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	60	C11-02A	\$481.20	C11-02M	\$420.95
3/8"	90	C11-03A	483.00	C11-03M	422.75



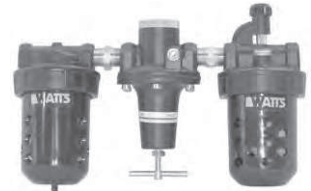
Air Fittings

- 8 oz. bowl
- 40 micron polypropylene element
- zinc body
- operating conditions:
temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
pressure: **150 PSIG** (10.2 bar) maximum

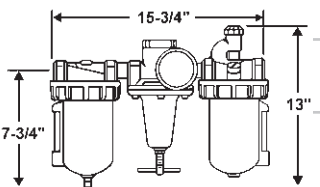


Standard Polycarbonate Bowl with Plastic Bowl Guard

Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/2"	125	C119-04A	\$600.95	C119-04M	\$540.70

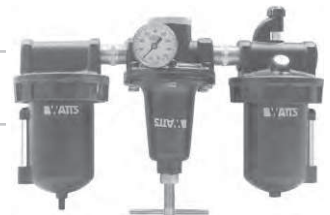


- 16 oz. bowl
- 40 micron polypropylene element
- zinc body
- operating conditions:
temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
pressure: **250 PSIG** (17 bar) maximum

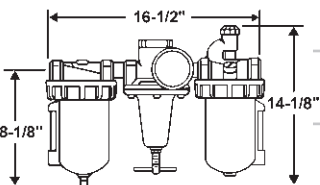


Standard Zinc Bowl with Sight Glass

Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/4"	275	C119-06AMB	\$976.90	C119-06MMB	\$916.65
1"	320	C119-08AMB	969.25	C119-08MMB	909.00



- 16 oz. bowl
- 40 micron polypropylene element
- zinc body
- operating conditions:
temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
pressure: **250 PSIG** (17 bar) maximum



Standard Zinc Bowl with Sight Glass

Size	SCFM	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/2"	550	C119-12AMB	\$1153.85	C119-12MMB	\$1093.60



FRL's are designed for air service only, unless otherwise indicated.

SAFETY
ALERT

SCFM ratings at 150 PSIG inlet pressure.

Watts Filter Accessories**Elements**

Used On	Description	Part #	Price/E
F602-02, F602-03	5 micron	EK602VY	\$23.45
F602-02, F602-03	40 micron	EK602Y	23.45
F602-04	5 micron	EK602VA	36.45
F602-04	40 micron	EK602A	36.45
F602-06, F602-08, F602-12	5 micron	EK602VB	62.40
F602-06, F602-08, F602-12	40 micron	EK602B	62.40
F602-16	40 micron	EK602G	73.60

40 micron filter
EK602G**Bowls and Sight Glass Repair Kit**

Used On	Description	Part #	Price/E
F602-02, F602-03	polycarbonate bowl	BK602Y	\$56.60
F602-04	polycarbonate bowl with plastic bowl guard	BK602A	74.35

polycarbonate bowl
BK602Y**Auto and Manual Drains**

Used On	Description	Part #	Price/E
F602	internal auto drain	SA602MD	\$60.95
F602	internal auto drain repair kit	RK602MD	28.15
F602	manual drain	SA600Y7-1	4.70

internal auto drain
SA602MD**Accessories**

Used On	Description	Part #	Price/E
F602 compact	mounting bracket	SAF602-0571	\$16.85
F602 standard	mounting bracket	SAF602-0572	25.25
F602 3/4"	mounting bracket (2 required)	SA200AW57	25.55
F602 1"	mounting bracket (2 required)	SA200CW57	25.55

mounting bracket
SA200AW57

Watts Regulator Accessories

Repair Kits

Used On	Description	Part #	Price/E
R11	relieving diaphragm, valve assembly	RKR10Y	\$38.85
R119-02, R119-03	relieving diaphragm, valve assembly	RK119Y	41.90
R119-04	relieving diaphragm, valve assembly	RK119A	51.70
R119-06, R119-08	relieving diaphragm, valve assembly	RK119B	92.50
R119-12	relieving diaphragm, valve assembly	RK119D	95.75
R364-02	relieving diaphragm, valve assembly	RKR164Y	26.00



repair kit
RK119B

Air
Fittings

Accessories

Used On	Description	Part #	Price/E
R11	mounting bracket with panel nut	SAR10Y57	\$13.45
R119-02, R119-03	mounting bracket	SA15Y57	14.55
R119-04	mounting bracket	18A57	16.50
R119-06, R119-08, R119-12	mounting bracket	18B57	41.00
R364-02	mounting bracket with panel nut	SA161X57	12.70



mounting bracket
SAR10Y57



mounting bracket
SA15Y57

Watts Lubricator Accessories

Bowls and Sight Glass Repair Kit

Used On	Description	Part #	Price/E
L606-02 L606-03	polycarbonate bowl with plastic bowl guard	BK606Y	\$54.05
L606-04	polycarbonate bowl with plastic bowl guard	BK606A	72.55
L606-06, L606-08, L606-12	sight glass	RKB605WB	21.40



polycarbonate bowl
BK602Y

Accessories

Used On	Description	Part #	Price/E
L606-02, L606-03	mounting bracket	SAF602-0571	\$16.85
L606-04	mounting bracket	SAF602-0572	25.25
L606-06	mounting bracket (2 required)	SA200AW57	25.55
L606-08	mounting bracket (2 required)	SA200CW57	25.55



mounting bracket
SA200AW57

Bi-Metal Thermometers

- case: sturdy, corrosion resistant series 304 stainless steel case and bezel
- crystal: optically clear, strong glass, gasketed to maintain weather-tight integrity is standard
- stem: 304 series stainless steel, welded at tip and case connector to prevent leakage, 1/4" (6.35 mm) diameter is standard
- hermetic seal: hermetically sealed per ASME B40.3 external reset: slotted-hex adjustment head offers screwdriver or wrench use to field calibrate the thermometer
- bi-metal element: an extremely responsive temperature sensing helix which has been carefully sized and tested, heat treated and aged to relieve inherent stresses and insure continued accuracy
- dampening: bi-metal helix is coated with a viscous silicone to minimize pointer oscillation and to improve temperature transmission
- immersion: for accurate temperature readings, immerse stem a minimum of 2" (50 mm) in agitated liquids or 4" (100 mm) in moving air or gas
- over range: temporary over or under range of 50% of scale up to 260°C or 500°F will not affect the instrument accuracy
- accuracy: guaranteed to be accurate to within 1% of full scale (Grade A per ASME B40.3) (The American Society of Mechanical Engineers issued a new standard for Bi-Metal Thermometers in 1990 referred to as ASME B40.3.) Standard Connection is 1/2" male NPT

Model 30 Back Connected 3" Thermometers

Stem Length	Range	Part #	Price/E
2 1/2"	0-250°F/-20-120°C	30025064	\$60.15
2 1/2"	50-500°F/10-260°C	30025104	60.15
4"	0-250°F/-20-120°C	30040064	60.15
4"	50-500°F/10-260°C	30040104	60.15
6"	0-250°F/-20-120°C	30060064	60.15
6"	50-500°F/10-260°C	30060104	60.15
9"	0-250°F/-20-120°C	30090064	60.15
9"	50-500°F/10-260°C	30090104	60.15



Model 31 Bottom Connected 90° Angle 3" Thermometers

Stem Length	Range	Part #	Price/E
2 1/2"	0-250°F/-20-120°C	31025064	\$119.70
4"	50-500°F/10-260°C	31040104	119.70



Model 50 Back Connected 5" Thermometers

Stem Length	Range	Part #	Price/E
2 1/2"	50-500°F/10-260°C	50025104	\$133.45
4"	0-250°F/-20-120°C	50040064	133.45



Model 52 Adjustable Angle 5" Thermometers

Stem Length	Range	Part #	Price/E
2 1/2"	0-250°F/-20-120°C	52025064	\$181.05
4"	0-250°F/-20-120°C	52040064	193.35
4"	50-500°F/10-260°C	52040104	193.35



Bi-Metal Pocket Thermometers

- case: 304 stainless steel case, hermetically sealed
- crystal: extra heavy polycarbonate crystal
- stem: 304 series stainless steel
- external reset: hex nut on back of case
- bi-metal element: responsive actuation by bi-metal helix
- dampening: bi-metal helix is coated with a viscous silicone to minimize pointer oscillation
- scale length: approximately 2-1/8" (54mm)
- accuracy: 1%
- carrying case: polyethylene case with clip



range	Part #	Price/E
0-220°F	PT220	\$21.80
50-550°F	PT550	21.80

☰
Air
Fittings

Magnetic Surface Mount Thermometers

- case: steel, 2" x 1/2"
- dial: polished aluminum
- bi-metal element: responsive actuation by bi-metal helix
- accuracy: ± 2%

2" Face

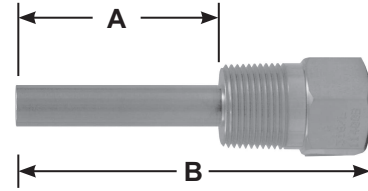
range	Part #	Price/E
0-250°F	MT250	\$42.40
0-500°F	MT500	42.40



316 Stainless Steel Threaded Thermowells

- 3/4" male NPT process connection

'A' dimension	'B' dimension	Part #	Price/E
1-5/8"	2-1/2"	75TH2R015SS	\$103.40
2-1/2"	4"	75TH2R025SS	83.35
4-1/2"	6"	75TH2R045SS	128.95
7-1/2"	9"	75TH2R075SS	152.45



180° Steam Gauge Siphons

In steam service, the siphon will prevent hot steam from entering a pressure gauge, diaphragm seal or transmitter. Recommended for applications involving temperatures above 100°F (37°C). Also use *siphons* whenever condensing hot vapors (not just steam) are present.

SAFETY
ALERT

- red brass pipe
- complies with ASTM B-43
- withstands pressure of **200 PSI at 406°F**

male IPS	Red Brass Part #	Price/E
1/4"	401-01	\$33.25

- 1/4" NPT schedule 40 steel, welded
- suitable for **175 PSI at 340°F**

male NPT	Steel Part #	Price/E
1/4"	401-01S	\$14.25



401-01

Dixon Gauges

All of the gauges supplied by Dixon are designed for long, reliable service under rugged conditions. Typical applications include those on pumps, hydraulic and pneumatic systems, compressors, machine tools and many other installations where it is necessary to have a gauge with a non-corrosive movement. The gauges available include standard dry and liquid-filled pressure gauges, compound pressure gauges, vacuum gauges and welding gauges. Materials available include brass, stainless steel and plastic.

Fig. Inter. - Figure Interval. Increments between PSI numbers on gauge face.

Grad. Inter. - Graduation Interval. Fractional increments between PSI numbers on gauge face.

Brass Standard Dry Gauges

- ASME B40.1 Grade B ($\pm 3/2/3\%$ accuracy)
- polished brass case
- polished brass ring

- copper alloy bourdon tube
- dual PSI / kPa scale dial
- ambient temperature range of -40°F to 140°F

2½" face
¼" lower mount



PSI	Fig. Inter.	Grad. Inter.	Part #	Price/E
0-15	3	.2	GBR15	\$51.05
0-30	5	.5	GBR30	51.05
0-60	10	1	GBR60	51.05
0-100	20	2	GBR100	51.05
0-160	20	2	GBR160	51.05
0-200	50	5	GBR200	51.05
0-300	50	5	GBR300	51.05
0-400	100	10	GBR400	51.05
0-600	100	10	GBR600	51.05
0-1000	200	20	GBR1000	59.80
0-1500	300	20	GBR1500	59.80
0-2000	500	50	GBR2000	59.80
0-3000	500	50	GBR3000	59.80
0-5000	1000	100	GBR5000	64.55

Process Gauges

Specifically designed for process, chemical and petroleum industries, these process gauges are engineered to deliver years of accurate service while withstanding vibration, corrosive media and corrosive atmosphere.

- ambient process temperature: dry -40°F to 200°F (-40°C to 93°C)
- case: black impact resistant thermoplastic, with safety blowout back, solid front, integral back flange (dry)
- ring: ethylene propylene
- wetted parts: 316L stainless steel

- window: polycarbonate
- dial: white aluminum
- pointer: black aluminum
- accuracy: $\pm 0.5\%$ ANSI/ASME Grade 2A
- scale: single scale PSI only

4½" face
½" lower mount



PSI	Fig. Inter.	Grad. Inter.	316L Stainless Steel Part #	Price/E
0-30	5	.2	PGS30	\$177.60
0-60	10	.5	PGS60	177.60
0-100	10	1	PGS100	177.60
0-160	20	1	PGS160	177.60
0-200	20	2	PGS200	177.60
0-300	50	2	PGS300	177.60
0-600	10	5	PGS600	177.60
0-1000	100	10	PGS1000	177.60

General Purpose Digital Gauges

**New
for 2012**

General purpose digital gauges are suitable not only for dry air applications but other media as well. Gauge offers selectable units of measure so rather than purchasing one gauge for each unit of measure required, the solution is one gauge for multiple units of measure.

- operating temperature: **14°F to 140°F** ((-10°C to 60°C)
- case: Noryl (thermoplastic)
- wetted parts: 17-4 PH stainless steel sensor with 316 stainless steel socket
- batteries included: two AAA Alkaline
- 9 engineering units (accessed through keypad): PSI, in. HG, cm Hg, mm Hg, KPA, Mpa, BAR, KG/cm2, ft H2O
- accuracy $\pm 0.5\%$ ASME B40.7
- window: polycarbonate
- dial: white aluminum
- pointer: black aluminum
- ideal for test applications and for use in technicians tool kits

**2½" face
¼" lower mount**

PSI	Part #	Price/E
0-30	DG30	\$1084.15
0-60	DG60	1084.15
0-100	DG100	1084.15
0-200	DG200	1084.15
0-300	DG300	1084.15
0-1000	DG1000	1084.15
0-10,000	DG10000	1084.15



ABS Standard Dry Gauges

- ASME B40.1, Grade B (\pm 3-2-3% accuracy)
- ABS plastic case
- c-shaped bronze safety bourdon tube (600 PSI and lower)
- helical wound bronze safety bourdon tube (1000 PSI and higher)
- polycarbonate crystal
- black aluminum pointer
- PowerFlex™ movement with polyester segment, designed to resist the effects of shock, vibration and pulsation.
- ambient temperature range of -40°F to 150°F

Center Back Mount



GC230

1 1/2" face

1/8" center back mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-30	5	.5	GC605	\$16.70
0-60	5	1	GC610	16.70
0-100	10	2	GC615	16.70
0-160	20	5	GC620	16.70
0-200	20	5	GC625	16.70

2" face

1/4" center back mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GC200	\$22.20
0-30	5	.5	GC215	20.70
0-60	5	1	GC220	20.70
0-100	10	2	GC225	20.70
0-160	20	5	GC230	20.70
0-200	20	5	GC235	20.70
0-300	30	5	GC240	20.70

Lower Mount



GL140

2" face

1/4" lower mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GL100	\$19.20
0-30	5	.5	GL115	17.75
0-60	5	1	GL120	17.75
0-100	10	2	GL125	17.75
0-160	20	5	GL130	17.75
0-200	20	5	GL135	17.75
0-300	30	5	GL140	17.75

2 1/2" face

1/4" lower mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GL300	\$20.40
0-30	5	.5	GL320	18.95
0-60	5	1	GL325	18.95
0-100	10	2	GL330	18.95
0-160	20	5	GL335	18.95
0-200	20	5	GL340	18.95
0-300	30	5	GL345	18.95
0-400	50	10	GL347	18.95
0-600	50	10	GL350	18.95
0-1000	200	20	GL355	28.10
0-1500	300	50	GL360	28.10
0-2000	400	50	GL365	28.10
0-3000	500	100	GL370	28.10
0-5000	1000	100	GL375	28.10

3 1/2" face
1/4" lower mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GS15-4	\$28.10
0-30	5	.5	GS30-4	26.60
0-60	5	1	GS60-4	26.60
0-100	10	2	GS100-4	26.60
0-160	20	5	GS160-4	26.60
0-200	20	5	GS200-4	26.60
0-300	30	5	GS300-4	26.60
0-400	50	10	GS400-4	26.60
0-600	50	10	GS600-4	26.60
0-1000	200	20	GS1000-4	36.95

Crowder Supply Co., Inc. • 8495 Roslyn St., Commerce City, CO 80022 • Toll Free: 888-883-5144 • www.CrowderSupply.com

Air Fittings

Contractor Pressure Gauges

- accuracy class: $\pm 1\%$ of span
- material of wetted parts: copper alloy
- window: acrylic, snap in

- dial: aluminum, white
- pointer: aluminum, black, adjustable
- mounting flange/bracket: rear flange, stainless steel
- stainless steel case

4½" face
¼" lower mount

PSI	Part #	Price/E
0-15	4277750-0001	\$69.45
0-30	4277768-0001	69.45
0-60	4277776-0003	69.45



4277768-0001



Air Fittings

FlutterGuard™ Dry Gauges

FlutterGuard™ virtually eliminates pointer flutter, making the gauge easier to read and reducing excessive movement wear. Liquid-free casing results in lighter weight and eliminates the chance of gauge leakage.

- ASME B40.1, Grade B ($\pm 3-2-3\%$ accuracy)
- ABS plastic case
- C-shaped bronze safety bourdon tube (600 PSI and lower)

- helical wound bronze safety bourdon tube (1000 PSI and higher)
- polycarbonate crystal
- black aluminum pointer
- PowerFlex™ movement with polyester segment, designed to resist the effects of shock, vibration and pulsation.
- ambient temperature range of **-40°F to 150°F**

2½" face
¼" lower mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GL300FG	\$22.20
0-30	5	.5	GL320FG	20.70
0-60	5	1	GL325FG	20.70
0-100	10	2	GL330FG	20.70
0-160	20	5	GL335FG	20.70
0-200	20	5	GL340FG	20.70
0-300	30	5	GL345FG	20.70
0-400	50	10	GL347FG	20.70
0-600	50	10	GL350FG	20.70
0-1000	200	20	GL355FG	29.85
0-1500	300	50	GL360FG	29.85
0-2000	400	50	GL365FG	29.85
0-3000	500	100	GL370FG	29.85
0-5000	1000	100	GL375FG	29.85



GL350FG

All Stainless Panel Builder Gauges

- suitable for corrosive environments
- used in gaseous and liquid media

2½" face
¼" lower back mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	PBLSS15	\$147.15
0-30	5	.5	PBLSS30	147.15
0-60	10	1	PBLSS60	147.15
0-100	20	2	PBLSS100	147.15
0-160	20	2	PBLSS160	147.15
0-200	50	5	PBLSS200	147.15
0-300	50	5	PBLSS300	147.15
0-400	100	10	PBLSS400	147.15
0-600	100	10	PBLSS600	147.15
0-800	200	20	PBLSS800	147.15
0-1000	200	20	PBLSS1000	147.15
0-1500	300	20	PBLSS1500	147.15
0-2000	500	50	PBLSS2000	147.15
0-3000	500	50	PBLSS3000	147.15
0-5000	1000	100	PBLSS5000	147.15

- ASME B40.100 Grade A 2/1/2% full scale accuracy
- 316L stainless steel wetted parts materials
- ambient temperature range of **-4°F to 140°F**
- media temperature **212°F** maximum
- dial - white aluminum with black lettering; stop pin
- pointer - black aluminum
- glycerin filled case
- laminated safety glass window lens
- fits industry standard 2.56" panel hole cutout



PBLSS200

All Stainless Steel Dry Gauges

Stainless steel gauges provides the corrosion resistance and durability of a permanently sealed gauge. Designed for severe service applications.

2 1/2" face

- 2-1-2% accuracy
- 304 series stainless case with stainless crimp ring
- polycarbonate window
- 1/4" lower mount stainless connector
- 316 stainless bourdon tube and socket
- ambient temperature range: **-40°F to 140°F**



GSS100

1/4" lower mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GSS15	\$101.10
0-30	5	.5	GSS30	101.10
0-60	10	1	GSS60	101.10
0-100	20	2	GSS100	101.10
0-160	20	2	GSS160	101.10
0-200	50	5	GSS200	101.10
0-300	50	5	GSS300	101.10
0-400	100	10	GSS400	101.10
0-600	100	10	GSS600	101.10
0-1000	200	20	GSS1000	101.10
0-1500	300	20	GSS1500	100.70
0-2000	500	50	GSS2000	100.70
0-3000	500	50	GSS3000	100.70
0-5000	1000	100	GSS5000	100.70
0-10000	2000	200	GSS10000	115.50

3 1/2" face

- 3-2-3% accuracy
- 316 series stainless solid back case
- polycarbonate window
- 1/4" lower mount stainless connector
- 316 stainless bourdon tube and socket, polyester segment
- ambient temperature range of **-40°F to 140°F**



GSS160-4

1/4" lower mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.5	GSS15-4	\$164.00
0-30	5	.5	GSS30-4	164.00
0-60	10	1	GSS60-4	164.00
0-100	20	2	GSS100-4	164.00
0-160	20	2	GSS160-4	164.00
0-200	40	5	GSS200-4	164.00
0-300	50	5	GSS300-4	164.00
0-400	50	10	GSS400-4	164.00
0-600	100	10	GSS600-4	164.00
0-1000	200	10	GSS1000-4	164.00
0-1500	200	20	GSS1500-4	164.00
0-2000	400	20	GSS2000-4	164.00
0-3000	500	50	GSS3000-4	164.00
0-5000	1000	100	GSS5000-4	164.00
0-10000	2000	200	GSS10000-4	179.50

All Stainless Steel Liquid Filled Gauges

Stainless steel gauges provides the corrosion resistance and durability of a permanently sealed gauge. Designed for severe service applications.

- 2-1-2% accuracy
- 2 1/2" 304 series stainless case with stainless crimp ring
- polycarbonate window
- 1/4" lower mount stainless connector
- 304 stainless case with stainless crimp ring
- glycerin filled



GLSS1500

2 1/2" face

1/4" lower mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GLSS15	\$109.05
0-30	5	.5	GLSS30	109.05
0-60	10	1	GLSS60	109.05
0-100	20	2	GLSS100	109.05
0-160	20	2	GLSS160	109.05
0-200	50	5	GLSS200	109.05
0-300	50	5	GLSS300	109.05
0-400	100	10	GLSS400	109.05
0-600	100	10	GLSS600	109.05
0-1000	200	20	GLSS1000	109.05
0-1500	300	20	GLSS1500	109.05
0-2000	500	50	GLSS2000	109.05
0-3000	500	50	GLSS3000	109.05
0-5000	1000	100	GLSS5000	109.05
0-10000	2000	200	GLSS10000	109.05



All Stainless Steel Liquid Filled Gauges

Stainless steel gauges provides the corrosion resistance and durability of a permanently sealed gauge. Designed for severe service applications.

- 2-1-2% accuracy
- 2½" 304 series stainless case with stainless crimp ring
- polycarbonate window
- ¼" center back mount stainless connector
- 304 stainless case with stainless crimp ring
- glycerin filled
- ambient temperature range of -4°F to 140°F

2½" face
¼" center back mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-100	20	2	GLSSC100	\$146.60
0-160	20	2	GLSSC160	146.60
0-200	50	5	GLSSC200	146.60



GLSSC160

Air Fittings

Brass Liquid Filled Gauges

- 2-1-2% accuracy on 2½"; 1% accuracy on 4"
- acrylic window with membrane assembly
- copper alloy bourdon tube
- brass movement with highly polished bearing surfaces
- glycerin filled
- ambient temperature range of -4°F to 140°F
- 2½" face gauges have solid cast brass case with polished brass slip-fit ring
- 4" face gauges have cast brass, silver painted case with chrome plated brass ring

2½" face
¼" lower mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GLBR15	\$112.20
0-30	5	.5	GLBR30	112.20
0-60	10	1	GLBR60	112.20
0-100	20	2	GLBR100	112.20
0-160	20	2	GLBR160	112.20
0-200	50	5	GLBR200	112.20
0-300	50	5	GLBR300	112.20
0-400	100	10	GLBR400	112.20
0-600	100	10	GLBR600	112.20
0-1000	300	20	GLBR1000	112.20
0-1500	500	20	GLBR1500	124.85
0-2000	500	50	GLBR2000	124.85
0-3000	1000	50	GLBR3000	124.85
0-5000	1000	100	GLBR5000	124.85



GLBR160

2½" face
¼" center back mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GLBRC15	\$130.05
0-30	5	.5	GLBRC30	117.60
0-60	10	1	GLBRC60	117.60
0-100	20	2	GLBRC100	117.60
0-160	20	2	GLBRC160	117.60
0-200	50	5	GLBRC200	117.60
0-300	50	5	GLBRC300	117.60
0-400	100	10	GLBRC400	117.60
0-600	100	10	GLBRC600	117.60
0-1000	300	20	GLBRC1000	117.60
0-1500	500	20	GLBRC1500	130.05
0-2000	500	50	GLBRC2000	130.05
0-3000	1000	50	GLBRC3000	130.05
0-5000	1000	100	GLBRC5000	130.05

4" face
½" lower mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GLBR15-4	\$286.25
0-30	5	.5	GLBR30-4	286.25
0-60	10	1	GLBR60-4	286.25
0-100	20	2	GLBR100-4	286.25
0-160	20	2	GLBR160-4	286.25
0-200	50	5	GLBR200-4	286.25
0-300	50	5	GLBR300-4	286.25
0-400	100	10	GLBR400-4	286.25
0-600	100	10	GLBR600-4	286.25
0-1000	300	20	GLBR1000-4	286.25
0-1500	500	20	GLBR1500-4	312.20
0-2000	500	50	GLBR2000-4	312.20
0-3000	1000	50	GLBR3000-4	312.20
0-5000	1000	100	GLBR5000-4	312.20
0-10000	1000	100	GLBR10000-4	427.75

Liquid Filled Stainless Case Gauges

- copper alloy bourdon tube
- white aluminum dial with black numbers and black aluminum pointer
- PowerFlex™ movement with polyester segment designed to resist the effects of shock, vibration and pulsation.
- 1/4" NPT brass connection
- glycerin liquid fill

- polycarbonate window
- ambient temperature range -4°F to 140°F
- ASME B40.100, Grade A (± 2-1-2% accuracy)

2 1/2" face
1/4" center back mount



GLSC420

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GLSC400	\$54.50
0-30	5	.5	GLSC405	54.50
0-60	5	1	GLSC410	54.50
0-100	10	2	GLSC415	54.50
0-160	20	5	GLSC417	54.50
0-200	20	5	GLSC420	54.50
0-300	30	5	GLSC425	54.50
0-400	50	10	GLSC427	54.50
0-600	50	10	GLSC430	54.50
0-1000	200	20	GLSC435	54.50
0-1500	300	50	GLSC440	60.30
0-2000	400	50	GLSC445	60.30
0-3000	500	100	GLSC450	60.30
0-5000	1000	100	GLSC455	60.30

2 1/2" face
1/4" lower mount



GLS430

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GLS400	\$44.10
0-30	5	.5	GLS405	44.10
0-60	5	1	GLS410	44.10
0-100	10	2	GLS415	44.10
0-160	20	5	GLS417	44.10
0-200	20	5	GLS420	44.10
0-300	30	5	GLS425	44.10
0-400	50	10	GLS427	44.10
0-600	50	10	GLS430	44.10
0-1000	200	20	GLS435	44.10
0-1500	300	50	GLS440	49.40
0-2000	400	50	GLS445	49.40
0-3000	500	100	GLS450	49.40
0-5000	1000	100	GLS455	49.40

Liquid Filled ABS Case Gauges

- ASME B40.100, Grade B (± 3-2-3% accuracy)

2 1/2" face
1/4" lower mount



GLP550

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GLP500	\$34.20
0-30	5	.5	GLP505	34.20
0-60	5	1	GLP510	34.20
0-100	10	2	GLP515	34.20
0-160	20	5	GLP517	34.20
0-200	20	5	GLP520	34.20
0-300	30	5	GLP525	34.20
0-400	50	10	GLP527	34.20
0-600	50	10	GLP530	34.20
0-1000	200	20	GLP535	38.90
0-1500	300	50	GLP540	38.90
0-2000	400	50	GLP545	38.90
0-3000	500	100	GLP550	38.90
0-5000	1000	100	GLP555	38.90

Compound Gauges

- ASME B40.1, Grade B accuracy (\pm 3-2-3 % accuracy)
- ABS plastic case
- bronze bourdon tube / brass socket
- polycarbonate crystal
- black aluminum pointer

- brass movement with polyester segment, designed for extended wear
- ambient temperature range of **-40°F to 150°F**

2½" face
¼" center back mount

Mercury (Hg)	PSI	Fig. Inter. Hg / PSI	Min.Grad. Hg / PSI	Part #	Price/E
30"	0-160	30 / 20	5 / 5	GC210	\$29.25

2½" face
¼" lower mount

Mercury (Hg)	PSI	Fig. Inter. Hg / PSI	Min.Grad. Hg / PSI	Part #	Price/E
30"	0-100	30 / 10	5 / 2	GL310	\$20.40
30"	0-160	30 / 20	10 / 10	GL110	20.40
30"	0-200	30 / 20	10 / 10	GL315	20.40



GL310

Air Fittings

Vacuum Gauges

- ASME B40.1, Grade B accuracy (\pm 3-2-3 % accuracy)
- ABS plastic case
- bronze bourdon tube
- polycarbonate crystal

- black aluminum pointer
- brass movement with polyester segment, designed for extended wear
- ambient temperature range of **-40°F to 150°F**

2" face - ¼" lower mount

Mercury (Hg)	Fig. Inter.	Min. Grad.	Part #	Price/E
30"	5"	.5"	GL105	\$19.20

2" face - ¼" center back mount

Mercury (Hg)	Fig. Inter.	Min. Grad.	Part #	Price/E
30"	5"	.5"	GC205	\$22.20

2½" face - ¼" lower mount

Mercury (Hg)	Fig. Inter.	Min. Grad.	Part #	Price/E
30"	5"	.5"	GL305	\$20.40



GL105

Brass Welding Gauges

- 3-2-3% accuracy according to ASME B40.100 Grade B
- polished drawn brass case
- twist-lock polycarbonate window

- copper alloy bourdon tube
- "Use no oil" in red on face
- temperature range: **-40°F to 140°F**

2½" face
¼" lower mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-30	5	.5	GBRW30	\$59.70
0-30	5	.5	GBRW30R¹	59.70
0-60	10	1	GBRW60	59.70
0-100	20	2	GBRW100	59.70
0-200	50	5	GBRW200	59.70
0-400	50	10	GBRW400	59.70
0-600	100	50	GBRW600	59.70
0-4000	1000	100	GBRW4000	62.85



GBRW400

¹ Red band between 15 to 30 PSI on GBRW30R