

SCFM = "Cubic ft/min" at Standard Ambient Condition Gauges Sold Separately



Miniature
Ports 1/4"
Flow SCFM 21



Miniature
Ports 1/4"
Flow SCFM 15

Filters - Construction Regulators

Body Size	Port Size	Poly Bowl
Mini	1/4"	3000

Parts & Accessories

Body Size	5 µm Element	Mounting Bracket
Mini	3062	3073

Specifications
Fluid: Compressed Air
Maximum Inlet Pressure – Polycarbonate Bowl: 150 psig
Maximum Temperature: 125° F

Body Size	Port Size	Without Gauge
Mini	1/4"	3100

Parts & Accessories

Body Size	Mounting Bracket	Plastic Panel Nut
Mini	3076	3161

Specifications
Fluid: Compressed Air
Maximum Inlet Pressure: 250 psig
Maximum Temperature: 125° F
Gauge Port: 2-1/8" NPT
Outlet Range: 5 - 125 psi

WARNING: Units in this catalog are intended for use in industrial compressed air systems only. Do not use where pressure or temperature may exceed maximum rated operating condition. See specifications. Use metal bowl on applications where a plastic bowl might be exposed to substances that are incompatible with polycarbonate. These filters are not designed for use with fluids other than air, for non-industrial application, or for life support systems.

Gauges

General Purpose Pressure Gauges

Pressed steel case with shatterproof crystal and brass fitting. Used for air, water, oil, or other fluids which are compatible with brass and bronze. Available boxed or in display packs. Nominal accuracy 3-2-3%. 1 pack.

BOTTOM MOUNT

GAUGE Dial Diameter	Pipe Thread	Range PSI	Amflo No.
2"	1/4" NPT	0-15	1012-15
2"	1/4" NPT	0-60	1012-60
2"	1/4" NPT	0-160	1012-160
2"	1/4" NPT	0-300	1012-300

BACK MOUNT

GAUGE Dial Diameter	Pipe Thread	Range PSI	Amflo No.
1-1/2"	1/8" NPT	0-60	1101-60
1-1/2"	1/8" NPT	0-160	1101-160
2"	1/8" NPT	0-160	1111-160
2"	1/4" NPT	0-160	1112-160
2"	1/4" NPT	0-300	1112-300

*Approximate flow at 90 psig inlet pressure and 5 psid pressure drop.

Gauges Sold Separately



Standard

Ports1/4"-3/8"-1/2"-3/4"-1"

SCFM.... 70 -150 -425

Filters - Mini, Compact, Modular, Standard

Body Size	Port Size	Poly Bowl	Metal Bowl
3/8"	1/4"	4010A-99	4011A-99
3/8"	3/8"	4020A-99	4021A-99
3/8"	3/8"		4024A-99 (w/ auto drain)
1/2"	1/2"	4030	4031
1/2"	3/4"	4032	4040

Hi Flow

1"	3/4"		4041*
1"	1"		4050

*For Auto Drain order 4046

4096 Manual Drain Kit

Parts & Accessories

Body Size	40 µm Element	5 µm Element	Poly Bowl	Metal Bowl	Mounting Bracket
3/8"	4066A-99	4063A-99	4074A-99	4079A-99	4071A-99
1/2"	4093	4092	4095	4094	4772
1"	4068	4065		4272	4090

Body Size	Bowl O-Ring	Sight Glass	Auto Drain
3/8"	4782	4277A	4070
1/2"	4783		
1"	4781	4278	4046

Auto Drain – 4060

Manual Drain – 4096

Specifications

Fluid: Compressed Air

Maximum Inlet Pressure –

Transparent Bowl: 150 psig (10.3 bar)

Metal Bowl: 250 psig (17.2 bar)

Maximum Temperature –

Transparent Bowl: 125°F (52°C)

Metal Bowl: 175°F (79°C)

Gauges Sold Separately



Standard

Ports3/8"-1/2"
Flow SCFM 75 150

Coalescing Filters

Body Size	Port Size	Poly Bowl	Metal Bowl
1/2"	1/2"	4033	

Parts & Accessories

Body Size	.01µm Element	Poly Bowl	Metal Bowl	Mounting Bracket	Rplc. Sight Glass	O-Ring
1/2"	4097	4095	4094	4772	4278	4783

Specifications

Fluid: Compressed Air
Maximum Inlet Pressure –
Transparent Bowl: 150 psig (10.3 bar)
Metal Bowl: 250 psig (17.2 bar)
Maximum Temperature –
Transparent Bowl: 125°F (52°C)
Metal Bowl: 150°F (66°C)



Miniature

Ports1/4"
Flow SCFM 20



Compact

Ports1/4"-3/8"
Flow SCFM 50



Standard

Ports1/4"-3/8"-1/2"-3/4"-1"
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Regulators

Body Size	Port Size	Without Gauge	With Gauge
Mini	1/4"	4100/4102*	4100D

Parts & Accessories

Body Size	Mounting Bracket	Panel Nut	Reg. Repair Kit	Rplc. Knob
Mini	4160	4161	4166	4790

* Non-Repairable Regulator

Specifications

Fluid: Compressed Air
Maximum Inlet Pressure: 300 psig
Temperature Range –
Mini: 0° to 150° F
All Others: 0° to 175°F
Gauge Port: 2-1/8" NPT (full flow)
Outlet Range: 5 - 125 psi

Body Size	Port Size	Without Gauge
1/4"	1/4"	4119
1/4"	3/8"	4118

Parts & Accessories

Body Size	Mounting Bracket w/Panel	Panel Nut	Reg. Repair Kit	Rplc. Knob
1/4"	4760	4763	4757	4791

Specifications

Fluid: Compressed Air
Maximum Inlet Pressure: 300 psig
Temperature Range: 0° to 150° F
Gauge Port: 2-1/8" NPT (full flow)
Outlet Range: 5 - 125 psi

Body Size	Port Size	Without Gauge
3/8"	1/4"	4115A-99
3/8"	3/8"	4125A-99
1/2"	1/2"	4135
1/2"	3/4"	4145
1"	3/4"	4141
1"	1"	4155

Parts & Accessories

Body Size	Mounting Bracket w/Panel	Panel Nut	Reg. Repair Kit	Rplc. Knob
3/8"	4162A-99	4778	4167A	4792
1/2"	4772	4773	4776	4793
1"	4165		4169	Non-Rplc

Specifications

Fluid: Compressed Air
Maximum Inlet Pressure: 300 psig
Temperature Range: 0° to 175° F
Gauge Port: 2-1/4" NPT (full flow)
Outlet Range: 5 - 125 psi

Lubricators

Gauges Sold Separately



Miniature

Ports1/4"
SCFM.....5



Standard

Ports1/4"-3/8"-1/2"-3/4"-1"
SCFM..... 35 -150 -425

Lubricator - Microfog

Body Size	Port Size	Poly Bowl
Mini	1/4"	4200

Parts & Accessories

Body Size	Poly Bowl	Metal Bowl	Mount. Bracket	Seal Kit	Fill Plug	Bowl O-Ring
Mini	4264	4269	4160	4171	4794	4780

Specifications

Fluid: Compressed Air
Maximum Inlet Pressure –
Transparent Bowl: 150 psig
Metal Bowl: 250 psig
Maximum Temperature –
Transparent Bowl: 125°F
Metal Bowl: 175°F

Body Size	Port Size	Poly Bowl	Metal Bowl
3/8"	1/4"	4215A-99	
3/8"	3/8"	4225A-99	4226A-99
1/2"	3/8"		4218
1/2"	1/2"	4235	4236
1/2"	3/4"	4245	4246
1"	1"		4255

Parts & Accessories

Body Size	Poly Bowl	Metal Bowl	Mount. Bracket	Panel Nut	Adj. Dome	Seal Kit	Fill Plug	Bowl O-Ring
3/8"	4265A-99	4269	4071A	N/A	4283		4795	4782
1/2"	4285	4286	4772	4773	4283	4284	4796	4783
1"		4272	4090	N/A	4283		4797	4781

Specifications

Fluid: Compressed Air
Maximum Inlet Pressure –
Transparent Bowl: 150 psig
Metal Bowl: 250 psig
Maximum Temperature –
Transparent Bowl: 125°F
Metal Bowl: 175°F



Standard

Ports1/4"-3/8"-1/2"-3/4"-1"
SCFM..... 35 -150 -425

Lubricator - Oil Fog

Body Size	Port Size	Poly Bowl	Metal Bowl
3/8"	1/4"	4210A-99	4211A-99
3/8"	3/8"	4220A-99	4221A-99
1/2"	1/2"	4230	4231
1/2"	3/4"	4240	4241
1"	1"	4242	4250

Parts & Accessories

Body Size	Poly Bowl	Metal Bowl	Mount. Bracket	Adj. Dome	Fill Plug	Bowl O-Ring	Drain Kit
3/8"	4265A-99	4270A-99	4071A-99	4282	4795	4782	
1/2"	4285	4286	4772	4282	4796	4783	
1"		4272	4090	4282	4797	4781	4096

Specifications

Fluid: Compressed Air
Maximum Inlet Pressure –
Transparent Bowl: 150 psig
Metal Bowl: 250 psig
Maximum Temperature –
Transparent Bowl: 125°F
Metal Bowl: 175°F

Gauges Sold Separately.



Miniature

Ports1/4"
SCFM 20



Standard

Ports1/4"-3/8"-1/2"-3/4"-1"
SCFM..... 75 -150

Piggyback Filter/Regulator

Body Size	Port Size	Poly Bowl
Mini	1/4"	4300

Parts & Accessories

Body Size	40 µm Element	Poly Bowl	Metal Bowl	Mounting Bracket	Reg. Repair Kit
1/4"	4062	4073	4078*	4160	4166

Body Size	Rplc. Knob	Bowl O-Ring
1/4"	4790	4780

*Replacement metal bowl has an auto drain and no sight glass.

Specifications

Fluid: Compressed Air
Maximum Inlet Pressure –
Transparent Bowl: 150 psig
Metal Bowl: 250 psig
Maximum Temperature –
Transparent Bowl: 125°F
Metal Bowl: 175°F
Gauge Port: 2-1/8" NPT (full flow)
Outlet Range: 5 - 125 psi

Body Size	Port Size	Poly Bowl	Metal Bowl
3/8"	1/4"	4310A-99	4311A-99
3/8"	3/8"	4320A-99	4321A-99
1/2"	1/2"	4330	4331
1/2"	3/4"	4340	4341

Parts & Accessories

Body Size	40 µm Element	Poly Bowl	Metal Bowl	Mounting Bracket	Reg. Repair Kit
3/8"	4066A	4074A-99	4079A-99	4162A-99	4167A
1/2"	4093	4095	4094	4772	4776

Body Size	Rplc. Knob	Bowl O-Ring
3/8"	4792	4782
1/2"	4793	4783

Specifications

Fluid: Compressed air
Maximum Inlet Pressure –
Transparent Bowl: 150 psig
Metal Bowl: 250 psig
Maximum Temperature –
Transparent Bowl: 125°F
Metal Bowl: 175°F
Gauge Port: 2-1/4" NPT (full flow)
Outlet Range: 5 - 125 psi

Filters, Regulators, Lubricators

Gauges Sold Separately.



Miniature

Ports1/4"
SCFM.....5



Standard

Ports1/4"-3/8"-1/2"-3/4"-1"
SCFM.... 75 -150 425

Regulator - Filter - Lubricator

Body Size	Port Size	Poly Bowl
Mini	1/4"	4405

Parts & Accessories

Body Size	40 µm Element	5 µm Element	Reg. Repair Kit	Rplc Knob	Bowl O-Ring	Fill Plug
Mini	4066A-99	4063A-99	4166	4790	4780	4794

Mini 4066A-99 4063A-99 4166 4790 4780 4794

Body Size	FILTERS		LUBRICATOR	
	Poly Bowl	Metal Bowl	Poly Bowl	Metal Bowl
Mini	4073	4078	4264	4269

Specifications

Fluid: Compressed Air
Maximum Inlet Pressure –
Transparent Bowl: 150 psig
Metal Bowl: 250 psig
Maximum Temperature –
Transparent Bowl: 125°F
Metal Bowl: 175°F
Gauge Port: 2-1/8" NPT (full flow)
Outlet Range: 5 - 125 psi

Body Size	Port Size	Poly Bowl	Metal Bowl
3/8"	1/4"	4410A-99	4411A-99
3/8"	3/8"	4420A-99	4421A-99
1/2"	1/2"	4430	4431
1/2"	3/4"	4440	4441
1"	1"		4450

Parts & Accessories

Body Size	40 µm Element	5 µm Element	Mount. Bracket	Reg. Repair Kit	Fill Plug	Bowl O-Ring	Rplc Knob
3/8"	4066A-99	4063A-99	4071A-99	4167A	4795	4782	4792
1/2"	4093	4092	4770	4776	4796	4783	4793
1"	4068	4065	4165	4169	4797	4781	

3/8"	4066A-99	4063A-99	4071A-99	4167A	4795	4782	4792
1/2"	4093	4092	4770	4776	4796	4783	4793
1"	4068	4065	4165	4169	4797	4781	

Body Size	FILTERS		LUBRICATOR	
	Poly Bowl	Metal Bowl	Poly Bowl	Metal Bowl
3/8"	4074A-99	4079A-99	4265A-99	4269
1/2"	4095	4094	4285	4286
1"		4272		4272

Specifications

Fluid: Compressed Air
Maximum Inlet Pressure –
Transparent Bowl: 150 psig
Metal Bowl: 250 psig
Maximum Temperature –
Transparent Bowl: 125°F
Metal Bowl: 175°F
Gauge Port: 2-1/4" NPT (full flow)
Outlet Range: 5 - 125 psi

Desiccant Dryers

APPLICATION: Compact Desiccant Dryers have been engineered to deliver extremely dry compressed air to protect pneumatically operated equipment from the adverse effects of moisture. The combination of efficient performance and compact size make them ideally suited for applications when dry air is needed.

Maximum working pressure 300 PSI.

ASSUMPTIONS:

A regular filter with automatic drain and an oil removal filter are used as a prefiltering system immediately ahead of the desiccant dryer. A regular filter may be required after the desiccant dryer to remove any desiccant dust.

Initial Pressure = 100 PSIG

Ambient Temperature = 65° F

Relative Humidity = 80%

Inlet Dewpoint Temperature = 50° F (This is a factor of ambient temperature and relative humidity).

SPECIFICATIONS:

Maximum Rated Operating Conditions:

Metal Bowl with Sight Glass: 250 PSIG (17.2 Bar); 120° F (48° C)

FLUID: Compressed Air Only

PORT SIZE: 1/2"

FILTER ELEMENTS:

Internal Inlet Filter - 70 Micron Porous Polypropylene

Internal Outlet Filter - 40 Micron Sintered Bronze

RUBBER PARTS: Buna-N

BODY: Head-Aluminum

BOWL: Steel-internally coated to prevent rust. With polyetherimide Sight Glass.

Color Change. When desiccant bead has changed color from dark blue to pink the entire desiccant must be replaced or regenerated by placing it in a drying oven at 275° F until it turns dark blue again.

DESICCANT DRYER	DUTY CYCLE • % OF USAGE			
MODEL NUMBER	25%	33%	59%	100%
56-081	20*	15*	10*	5*

*Estimated hours of use before desiccant needs replacement or regeneration using the below assumptions. Desiccant life will be shorter at higher temperatures and high humidity.



56-082



56-081

ORDERING INFORMATION			
Port Size P.T.F.	Bowl Size	Flow Rate in SCFM	Order Number
1/2"	1 qt.	10	56-081
Replacement Beads One Quart			56-082

WARNING: These dryers are intended for use in compressed air systems only. Do not use where pressure or temperature may exceed maximum rated operating conditions.

Sight glass is made of a unique high chemical resistant resin. However, the sight glass will crack if exposed to solvents containing ethyl acetate, methylene dichloride, methylethylketone, M.E.K.), phenol, 1, 1, 2-trichloroethane, xylene, benzyl alcohol, dichlorobenzene as well as other harmful substances. If you have a particular concern, check with a General Electric office for further information on polyetherimide resin.

These units are not to be used on life support systems or breathing air systems. Failure to follow the recommendations contained in this warning may result in personal injury and/or property damage.

FRL Adapters & Accessories

Accessories and Components for New Modular 1/4, 3/8 and 1/2" Body Size FRLs

Dimensions in inches (mm)

Quickclamp Wall Mounting Bracket

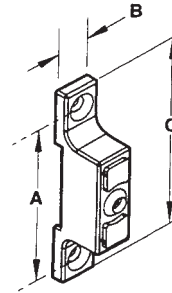
Use with the preceding Quickclamp to provide secure mounting to a wall, machine panel or other flat surface.

Compact Style **4759**

Use 3/16" (5mm) screws to mount bracket to wall.

Modular 1/2" (1mm) body size **4770**

Use 7/32" (6 mm) screws to mount bracket to wall.



	A	B	C
Compact	2/32(59)	0.55 (14)	2.91 (74)
Modular	3.25 (83)	0.95 (24)	4.0 (102)

Quickclamp

AmFlo Number

Compact Style **4761**

Modular 1/2 Body **4769**

Maximum Pressure: 250 psig (17 bar)

Maximum Temperature:

Compact 150°F (65°C)

Modular 175°F (79°C)

Use with all compact and 1/2" modular products to provide modular installation capability. Flanges on the products slide into V grooves in the Quickclamp. Two face-sealing o-rings in the Quickclamp provide a positive seal when the clamp is closed and the captive screw is tightened.

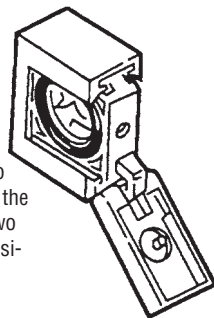
A Quickclamp adds:

Compact

0.26" (5.5 mm) to the overall length of a combination unit. Screw with a 5/32" (4mm) hex or a T25 Torx wrench.

Modular

0.54" (13.6 mm) to the overall length of a combination unit. Screw with a 5/32" (4 mm) hex or a T25 Torx wrench.



4162A-99

Quickclamp and Wall Mounting Bracket

AmFlo Number:

Compact Style **4762**

Modular 1/2 Body **4771**

See preceding paragraphs for descriptions and dimensions.

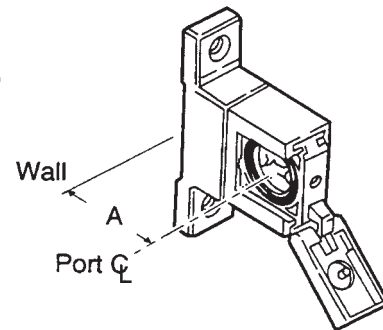
Compact

Use 3/16" (6mm) screws to mount bracket to wall.

Modular

Use 7/32" (6mm) screws to mount bracket to wall.

Compact - 1/50" (38)
Modular - 2.00" (51)



Panel Nut

Use to panel mount new modular 1/2" reg. and 1/2" combinations.

AmFlo Number:

4763

(Plastic) Compact

4773

(Zinc) Modular



Wall Mounting Bracket

Use to secure compact and 1/2" modular single units.

AmFlo Numbers:

Compact style **4760**

Modular 1/2" body style **4772**

Use 3/16" (5mm) screws to mount bracket to wall.

