

FILTERS, REGULATORS & LUBRICATORS

Heavy Duty Series Filter

The Heavy Duty Series Filters have a long-established reputation for high quality and reliability. This series continues to provide time proven value with a 1/4" to 1" size range, die cast aluminum bodies, extra large filter elements, easy maintenance and design consistency.



FEATURES

- ◆ Large 40, 20 or 12 micron sintered bronze elements.
- ◆ Bayonet locking ring allows easy bowl removal by hand.
- ◆ Hi-strength plastic bowls supplied standard.
- ◆ Bowl guards supplied standard on 3/4" and 1" sizes. Optional on 1/4", 3/8" and 1/2" sizes.
- ◆ Automatic drains available.

Specifications

Maximum Supply Pressure:
 Plastic Bowl:150 PSI
 Metal Bowl:250 PSI
 Maximum Operating Temp.:
 Plastic Bowl:120° F
 Metal Bowl:250° F
 Filter Element:
 Standard:40 Micron
 Optional:20 & 12 Micron
 Materials:
 Plastic Bowl:Polycarbonate
 Metal Bowl:Aluminum
 Body:Die Cast Aluminum
 Filter Element:Sintered Bronze

Ordering Information:

Pipe Size	Model
1/4"	8822
3/8"	8823
1/2"	8824
3/4"	8826
1"	8828

WARNING: Although polycarbonate bowls are capable of withstanding extreme physical abuse, they are susceptible to damage and may possibly burst when subjected to some cleaning products and synthetic oils, particularly phosphate esters. Should there be any questions regarding their compatibility with your applications, consult the factory or use a metal bowl.

Options:

Options	Suffix
Automatic Drain	D
20 Micron Element	F
12 Micron Element	X
Metal Bowl With Sightglass	M
Bowl Guard	R
(for 1/4", 3/8" and 1/2" unit)	

Options are indicated by adding a dash followed by the corresponding suffix(es) in alphabetical order to the model number.

Size	Height	Diameter	Capacity	Weight
1/4 & 3/8	.6"	3"	4 oz.	3/4 lbs.
1/2	.7"	3 1/2"	8 oz.	1 lbs.
3/4 & 1	.9"	5"	23 oz.	4 lbs.

Supply Pressure	Pressure Drop				
	1	2	3	4	5
1/4" at 80 PSI	25	35	42	50	55
3/8" at 80 PSI	25	35	42	50	55
1/2" at 80 PSI	38	61	80	95	108
3/4" at 80 PSI	119	160	200	240	260
1" at 80 PSI	119	160	200	240	260

SCFM

Note: All values are approximate.

Heavy Duty Series Coalescing Filter



FEATURES

- ◆ Removes 99.9% of solids and fluids down to .1 microns.
- ◆ Bowl guards supplied standard on 3/4" and 1" sizes. Optional on 1/4", 3/8" and 1/2" sizes.
- ◆ Hi-strength plastic bowls supplied standard.
- ◆ 8.5 oz bowl capacity.
- ◆ Easy hands only filter element replacement.
- ◆ Automatic drain and metal bowl with sightglass options.

Specifications

Maximum Supply Pressure:
 Plastic Bowl:150 PSI
 Metal Bowl:250 PSI
 Maximum Operating Temp.:
 Plastic Bowl:120° F
 Metal Bowl:250° F
 Materials:
 Plastic Bowl:Polycarbonate
 Metal Bowl:Aluminum
 Body:Die Cast Aluminum

Size	Height	Diameter	Capacity	Weight
1/4 & 3/8	.6"	3"	4 oz.	3/4 lbs.
1/2	.7"	3 1/2"	8 oz.	1 lbs.
3/4 & 1	.9"	5"	23 oz.	4 lbs.

Ordering Information:

Pipe Size	Model
1/4"	8922
3/8"	8923
1/2"	8924
3/4"	8926
1"	8928

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Options:

Options	Suffix
Automatic Drain	D*
Metal Bowl With Sightglass	M
Bowl Guard	R
(for 1/4", 3/8" and 1/2" unit)	

Options are indicated by adding a dash followed by the corresponding suffix(es) in alphabetical order to the model number.

*For 1/4" and 3/8" units only. 1/2", 3/4" and 1" units must use External Drain 8861.

Supply Pressure	SCFM at 1.5 PSID Pressure Drop	
	1/2"	3/4" & 1"
20 PSI	6.1	22.7
40 PSI	9.5	33.8
60 PSI	13	48.9
80 PSI	16.5	62.0
100 PSI	20	75.0

Note: All values are approximate.



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Heavy Duty Series Regulators

The Heavy Duty Series Regulators have a long established reputation for high quality and unsurpassed reliability. Their balanced design maintains precise downstream pressure, and a diaphragm stop prevents ruptures in the event of surges. Master packaging is twenty-four units per carton for 1/4" and 3/8" sizes, twelve units per carton for 1/2" size and six units per carton for 3/4" and 1" sizes.

Specifications

Maximum Supply Pressure: **250 PSI**

Maximum Temperature: **250° F**

Materials:

Body: **Die Cast Aluminum**

Size	Height	Diam.	Bowl Capacity	Weight
1/4 & 3/8"	.5 1/2"	.3"	.4 oz.	.3/4 lbs.
1/2"	.7"	.4"	.8 oz.	1 1/2 lbs.
3/4 & 1"	.8 1/2"	.5"	.23 oz.	.3 lbs.

Regulator Pressure Ranges:

0-125 - Standard

0-60 - Optional

0-200 - Optional

Supply 100 PSI Regulated Pressure	Pressure Drop		
	2	5	10
1/4" at 80 PSI	10	30	40
3/8" at 80 PSI	10	30	40
1/2" at 80 PSI	20	60	80
3/4" at 80 PSI	40	120	160
1" at 80 PSI	40	120	160

SCFM

Note: All values are approximate.

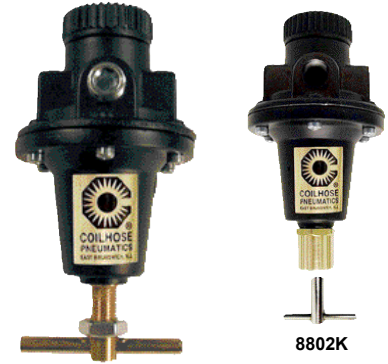
FEATURES

- ◆ High flow rates with accurate control and fast response.
- ◆ 0-200 PSI, 0-125 PSI and 0-50 PSI pressure ranges.
- ◆ Tamperproof option available.
- ◆ Panel mount and gauge options.

Options:

Options	Suffix
Gauge	G
Extra Low Pressure Spring (0-50) PSI	L
High Pressure Spring (0-200 PSI)	H
Tamperproof	K
Panel Mount	P

Options are indicated by adding a dash followed by the corresponding suffix(es) in alphabetical order to the model number.



Ordering Information:

Pipe Size	Model
1/4"	8802
3/8"	8803
1/2"	8804
3/4"	8806
1"	8808

Heavy Duty Series Lubricators

The Heavy Duty Series Lubricators have a long established reputation for high quality and unsurpassed reliability. A tamperproof cap allows oil delivery rate to be locked in, and once oil delivery is set, proportional oil-to-air delivery assures constant even lubrication. Master packaging is twenty-four units per carton for 1/4" and 3/8" sizes, twelve units per carton for 1/2" size and six units per carton for 3/4" and 1" sizes.

Specifications

Maximum Supply Pressure:

Plastic Bowl: **150 PSI**

Metal Bowl: **250 PSI**

Materials:

Plastic Bowl: **Polycarbonate**

Metal Bowl: **Die Cast Aluminum**

Body: **Die Cast Aluminum**

Size	Height	Diam.	Bowl Capacity	Weight
1/4 & 3/8"	.7"	.3"	.4 oz.	.1 lb.
1/2"	.8"	.3 1/2"	.8 oz.	1 1/4 lbs.
3/4 & 1"	1.1 1/2"	.5"	.23 oz.	.3 1/2 lbs.

Supply 100 PSI Regulated Pressure	Pressure Drop		
	5	10	15
1/4" at 80 PSI	27.5	39	48
3/8" at 80 PSI	27.5	39	48
1/2" at 80 PSI	55	79	97
3/4" at 80 PSI	110	158	195
1" at 80 PSI	110	158	195

SCFM

Note: All values are approximate.

FEATURES

- ◆ Mist atomizing sightglass.
- ◆ Refills through fill port without requiring depressurization.
- ◆ Quick fill plug option available.
- ◆ Bowl guard supplied standard on 3/4" and 1". Optional on 1/4", 3/8" and 1/2".

Options:

Options	Suffix
Metal Bowl With Sightglass	M
Bowl Guard (for 1/4", 3/8" and 1/2" unit)	R

Options are indicated by adding a dash followed by the corresponding suffix(es) in alphabetical order to the model number.



Ordering Information:

Pipe Size	Model
1/4"	8842
3/8"	8843
1/2"	8844
3/4"	8846
1"	8848

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