

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 inch to 1 inch size range, die cast aluminum bodies, extra large filter elements, easy maintenance and design consistency.



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.

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" & 1" sizes. Optional on 1/4", 3/8", and 1/2" sizes.
- ◆ Automatic drains available.

Options:

Options	Suffix
Automatic Drain	D
20 Micron Element	F
12 Micron Element	X
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.

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		
Bowl				
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



Ordering Information:

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

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.

FEATURES

- ◆ Removes 99.9% of solids and fluids down to .1 microns.
- ◆ Bowl guards supplied standard on 3/4" & 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.

Options:

Options	Suffix
Automatic Drain	D*
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.

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

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		
Bowl				
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.

SCFM at 1.5 PSID Pressure Drop

Supply Pressure	SCFM	
	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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 EAST: 19 Kimberly Road, East Brunswick, NJ 08816 • 732.390.8480
 WEST: 1730 NE Miller Street, McMinnville, OR 97128 • 503.434.5964