

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 |

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* |
| 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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