

# FILTERS, REGULATORS & LUBRICATORS

## General Purpose Series Filters

The General Purpose Series Filters offers port sizes from 1/4" through 2". This size range allows reliable interchange with other manufactures. Units are manufactured with zinc die cast bodies, and available with plastic bowls with guards or metal bowls. An excellent choice for most industrial applications.

### Specifications

Maximum Supply Pressure:  
 Plastic Bowl: .....150 PSI  
 Metal Bowl: .....250 PSI  
 Maximum Operating Temp.:  
 Plastic Bowl: .....120° F  
 Metal Bowl: .....150° F  
 Filter Element:  
 Standard: .....40 Micron  
 Materials:  
 Plastic Bowl: .....Polycarbonate  
 Metal Bowl: .....Zinc Die Cast  
 Body: .....Zinc Die Cast  
 Filter Element: .....Polypropylene

### FEATURES

- ◆ 40 micron filter element.
- ◆ Bowl volumes from 5 oz to 20 oz.
- ◆ Bowl guards are standard on plastic bowls.
- ◆ Automatic drain available.

### Ordering Information:

Pipe Size	Bowl Options	Model
1/4"	Bowl Guard	F140BG**
1/4"	Metal Bowl	F140MB**
3/8"	Bowl Guard	F380BG**
3/8"	Metal Bowl	F380MB**
1/2"	Bowl Guard	F120BG*
1/2"	Metal Bowl	F120MB*
3/4"	Metal Bowl	F340MB
1"	Metal Bowl	F100MB
1-1/4"	Metal Bowl	F1140MB
1-1/2"	Metal Bowl	F1120MB
2"	Metal Bowl	F2000MB

Supply Pressure	Pressure Drop				
	1	2	3	4	5
1/4"	25	35	42	50	55
3/8"	26	50	60	70	76
1/2"	38	61	80	95	108
3/4"	115	160	200	240	260
1"	160	220	270	320	350
1 1/4"	160	230	285	340	380
1 1/2"	160	230	285	340	380

**SCFM**

Note: All values are approximate.



\*Master pack is eight units per carton.  
 \*\*Master pack is twelve units per carton.

## General Purpose Series Regulators

The General Purpose Series Regulators are ideal where pressure must be held constant over a wide variation of flow. Zinc die cast bodies offer excellent durability for most industrial applications.

### Specifications

Maximum Supply Pressure: ...300 PSI  
 Maximum Operating Temp.: ...120° F  
 Materials:  
 Adjusting Knob: .....Brass  
 Body: .....Zinc Die Cast

### FEATURES

- ◆ Holds pressure constant over wide variations in flow.
- ◆ 0 - 125 PSI pressure range.
- ◆ Two 1/4 inch gauge ports.

### Ordering Information:

Pipe Size	Model
1/4"	R140**
3/8"	R380**
1/2"	R120*
3/4"	R340
1"	R100
1 1/4"	R1140
1 1/2"	R1120
2"	R2000***

Supply 100 PSI Regulated Pressure	Pressure Drop		
	5	10	15
1/4"	10	18	40
3/8"	10	18	50
1/2"	10	18	60
3/4" & 1"	20	40	120
1 1/4" & 1 1/2"	20	120	240
2"	400	750	1200

**SCFM**

Note: All values are approximate.

**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.

\*Master pack is eight units per carton.  
 \*\*Master pack is twelve units per carton.  
 \*\*\*R2000 (2") regulator requires a pilot regulator to control the reduced pressure outlet.

