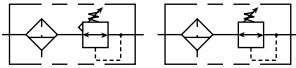
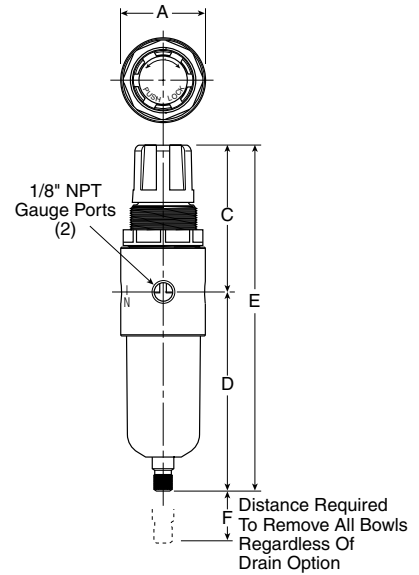


B34 Filter / Regulator – Miniature



Features

- Excellent water removal efficiency
- Diaphragm operated for fast operation
- Large diaphragm to valve area for precise regulation and high flow capacity
- Balanced valve design for precise regulation
- Space saving package offers both filter and regulator features in one integral unit
- Non-rising adjustment knob
- High flow: 1/8" – 12 SCFM[§]
 1/4" – 12 SCFM[§]



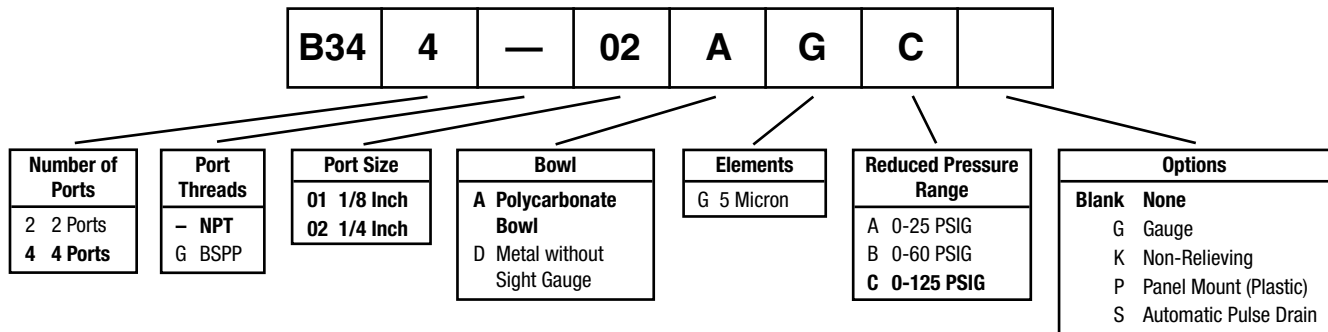
Port Size	NPT
	Manual Twist Drain
Poly Bowl [‡]	
1/8"	B344-01AGC
1/4"	B344-02AGC
Metal Bowl without Sight Gauge	
1/8"	B344-01DGC
1/4"	B344-02DGC

B34 Filter / Regulator Dimensions		
A	C	D
1.54 (39.2)	2.68 (68.1)	3.63 (92.1)
E	F	
6.31 (160.2)	1.65 (41.9)	

Standard part numbers shown bold.
For other models refer to ordering information below.
 NOTE: 1.218 Dia. (31mm) hole required for panel mounting.
[‡] For polycarbonate bowl see Caution on page inside cover.
[§] SCFM = Standard cubic feet per minute at 100 PSIG inlet, 75 PSIG no flow secondary setting and 25% pressure drop.

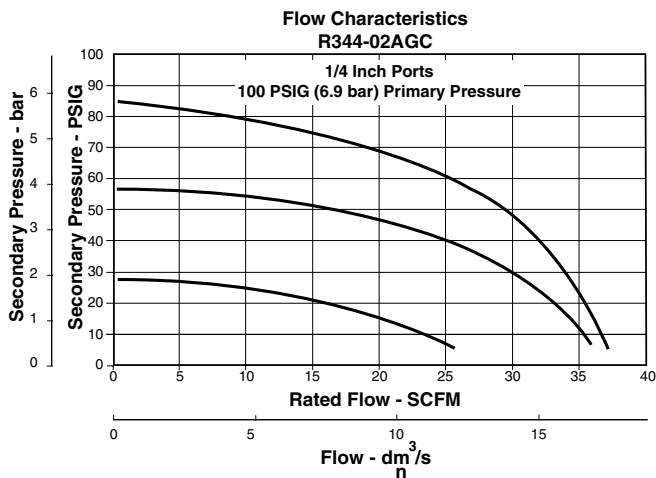
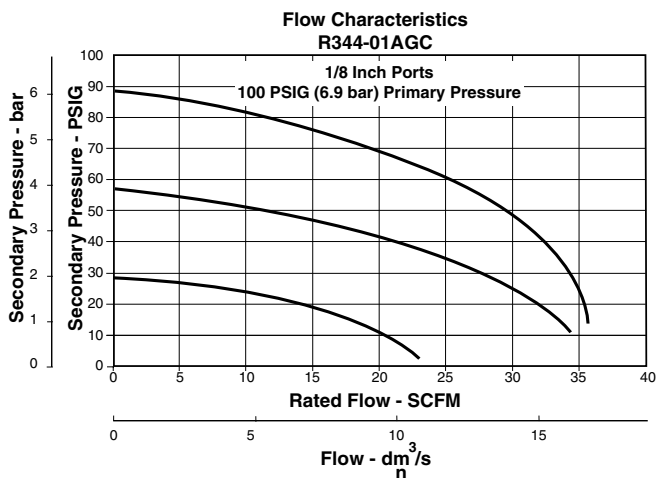
Standard part numbers shown bold. † With Auto Drain
For other models refer to ordering information below.
NOTE: 1.218 Dia. (31mm) hole required for panel mounting.
[‡] For polycarbonate bowl see Caution on inside cover.
[§] SCFM = Standard cubic feet per minute at 100 PSIG inlet, 75 PSIG no flow secondary setting and 25% pressure drop.

Ordering Information



BOLD ITEMS ARE MOST POPULAR.

Technical Information



⚠ WARNING
Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed maximum primary pressure rating.

⚠ CAUTION:
REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design. For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

B34 Filter / Regulator Kits & Accessories

- Adjusting Knob..... RRP-16-005-000
- Bowl Kits –**
 - Zinc (D) BK505Y
 - Zinc with Automatic Pulse Drain (D)..... BK505SY
 - Polycarbonate (A) BK504Y
 - Polycarbonate with Automatic Pulse Drain (A)..... BK504SY
- Drain Kits –**
 - Automatic Pulse Drain
(Maximum Pressure = 175 PSIG) RK504SY
- Filter Element Kits –**
 - 5 Micron (All)..... FRP-96-729
- Gauges –**
 - 1-1/2" Dial Size, 1/8" Back Connection
0 to 60 PSIG (0 to 400 kPa)..... K4515N18060
 - 1-1/2" Dial Size, 1/8" Back Connection
0 to 160 PSIG (0 to 1100 kPa)..... K4515N18160
- Mounting Bracket Kit (Includes Plastic Panel Nut)SA161X57**
- Panel Mount Nut –**
 - Plastic..... R05X51-P
 - Aluminum R05X51-A
- Repair Kits –**
 - Non-Relieving Diaphragm, Valve Assembly (All) GRP-96-726
 - Relieving Diaphragm, Valve Assembly (All) GRP-96-725
- Springs –**
 - 0-25 GRP-95-111
 - 0-60 GRP-96-718
 - 0-125 GRP-96-717

Specifications

- Bowl Capacity** 1 Ounce
- Gauge Ports (2)** 1/8 Inch
- Maximum Pressure –**
 - Zinc Bowl (D) 0 to 300 PSIG
 - Polycarbonate Bowl (A) 0 to 150 PSIG
- Reduced Pressure Range –**
 - 0 to 25 PSIG (0 to 1.7 bar) (A)
 - 0 to 60 PSIG (0 to 4.1 bar) (B)
 - 2 to 125 PSIG (0.15 to 8.5 bar) (C)
- Temperature Rating** 40°F to 125°F (4.4°C to 52°C)
- Port Threads** 1/8 & 1/4 Inch
- Weight –**
 - Zinc Bowl (D) 0.6 lb. (0.27 kg) / Unit
12 lb. (5.44 kg) / 24-Unit Master Pack
 - Polycarbonate Bowl (A) 0.3 lb. (0.14 kg) / Unit
6 lb. (2.72 kg) / 24-Unit Master Pack

Materials of Construction

- Adjusting Knob** Acetal
- Body** Aluminum
- Bowls –**
 - Polycarbonate (A) Polycarbonate
 - Metal (D) Zinc
Zinc with Automatic Pulse Drain
- Elastomers** Buna N
- Filter Element** Sintered Polyethylene
- Filter Retainer, Vane Plate** Acetal
- Innervolve, Diaphragm, Button, Drain** Brass

