

Designed for use in corrosive environments
Metallic parts meet NACE Standard MR-01-75*

* National Association of Corrosion Engineers (NACE) MR-01-75 defines requirements for sulphide stress cracking resistant materials used in well-head and other corrosive environments.


Technical data
R38
Fluid:

Compressed air, neutral gases
NOTE: Contact technical support for use with other media.

Maximum inlet pressure:

450 psig (31 bar)

Operating temperature:

-40° to 175°F (-40° to 80°C) *

* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C).

B38
Fluid:

Compressed air

Maximum inlet pressure:

Manual drain: 450 psig (31 bar)

Automatic drain: 250 psig (17 bar)

Operating temperature:

-40° to 175°F (-40° to 80°C) *

* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C).

Particle removal:

5 µm

Materials
R38

Body: stainless steel

Bonnet: stainless steel

Adjusting screw: stainless steel

Elastomeric materials: nitrile

B38 (standard option)

Body: stainless steel

Bonnet: stainless steel

Bowl: stainless steel

Adjusting screw: stainless steel

Elements

5 µm: High density polyethylene

1/4" only 5 µm: ceramic pyrolith

Elastomeric materials: nitrile

R38 Ordering Information

Models listed are relieving type with 0.6 to 30 psig (0.04 to 2 bar) outlet pressure adjustment range **, and PTF threads. A gauge is not included.

Port Size	Model Number	Flow† scfm (dm³/s)	Weight lbs (kg)
1/4" PTF	R38-240-RNCA	17 (8)	1.56 (0.71)

** Outlet pressure can be adjusted to pressures in excess of, and less than, those specified. Do not use these units to control pressures outside of the specified ranges.

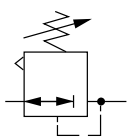
† Typical flow with 100 psig (7 bar) inlet pressure, 15 psig (1 bar) set pressure and 1 psig (0.5 bar) droop from set.

B38 Ordering Information

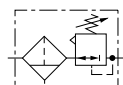
Models listed are relieving type with PTF threads. A gauge is not included.

Port Size	Filtration	Drain	Model Number	Outlet pressure range psig (bar)	Flow** scfm (dm³/s)	Weight kg (lbs)
1/4" PTF	5 µm	Manual	B38-240-B1KA	4 to 100 (0.3 to 7)	15 (7)	3.11 (1.4)
1/2" PTF	5 µm	Manual	B38-440-M1LA	4 to 125 (0.3 to 9)	106 (50)	4.75 (2.2)
1/2" PTF	5 µm	Auto	B38-440-A1LA	4 to 125 (0.3 to 9)	106 (50)	4.75 (2.2)
1/4" PTF	25 µm	Manual	B38-240-B2KA	4 to 100 (0.3 to 7)	15 (7)	3.11 (1.4)
1/2" PTF	25 µm	Manual	B38-440-M2LA	4 to 125 (0.3 to 9)	106 (50)	4.75 (2.2)
1/2" PTF	25 µm	Auto	B38-440-A2LA	4 to 125 (0.3 to 9)	106 (50)	4.75 (2.2)

** Typical flow with 175 psig (12 bar) inlet pressure, 115 psig (8 bar) set pressure and 15 psig (1 bar) droop from set.

Accessories
ISO Symbols


R38



B38 Manual Drain, Relieving

Neck mounting bracket


18-001-959

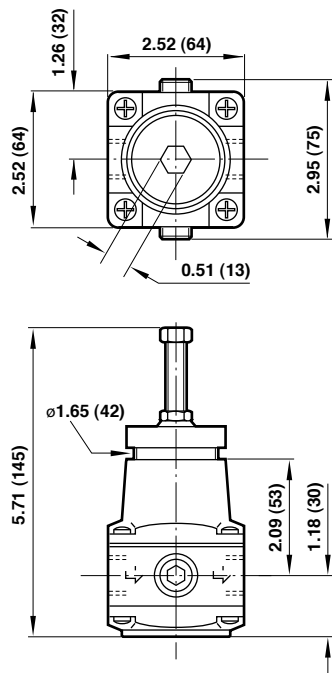
Gauge 0 ... 160 psig


18-013-917

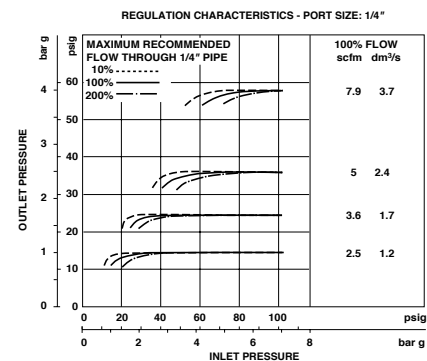
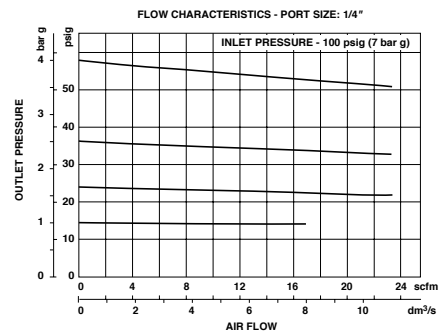
* Bracket kit does not include wall mounting screws.

Panel mounting hole diameter: 1.65" (42 mm)
Maximum panel thickness: 0.24" (6 mm)

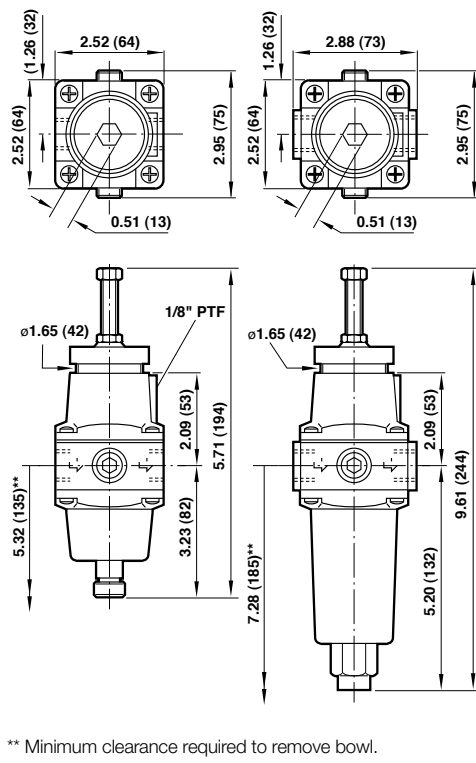
R38



R38

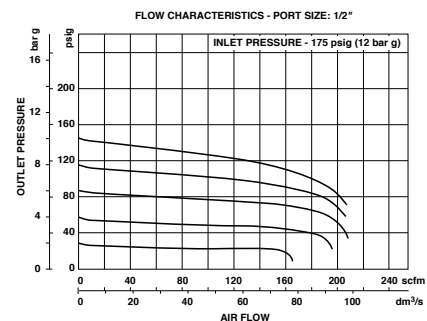
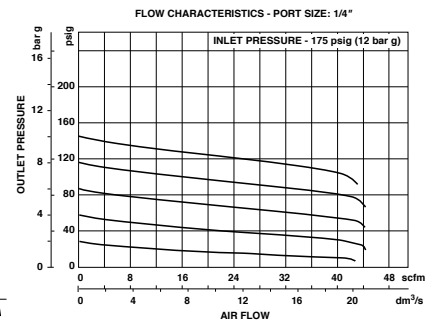


B38



Panel mounting hole diameter: 1.65" (42 mm)
Maximum panel thickness: 0.24" (6 mm)

B38



** Minimum clearance required to remove bowl.

Dimensions in inches (mm)