

Model IFR (instrument filter regulator)

Filter / regulator combination

High flow capability

Max inlet pressure 20 bar (290 psi)

Maintains set pressure with increasing flow

Fully venting

Reliable and long life, ideal for one time installation



Technical data

Media:

Air

Filter with manual drain:

40 - 50 µm - stainless steel

Relief port:

2 mm drilled hole

Maximum inlet pressure:

20 bar (290 psi)

Outlet pressure range:

0.5 - 10 bar (7 - 145 psi)

Temperature ratings:

Standard =

Media (min/max -30/90 °C
(-22/194 °F))

Ambient (min/max -30/90 °C
(-22/194 °F))

Process connections:

IFR3 - 1/4" NPT

IFR4 - 1/2" NPT

Weight:

IFR3 - 1.8 kg

IFR4 - 2.2 kg

ATEX classification:

Exc - complies with EN13463
for non-electrical equipment

Materials

Valve body - stainless steel - 316L

Top & bottom covers - stainless
steel - 316

Valve trim materials - 316L
stainless steel

O-rings & seals - nitrile (NBR)

Diaphragm - nitrile (NBR)

Seat & adjustment springs -
stainless steel

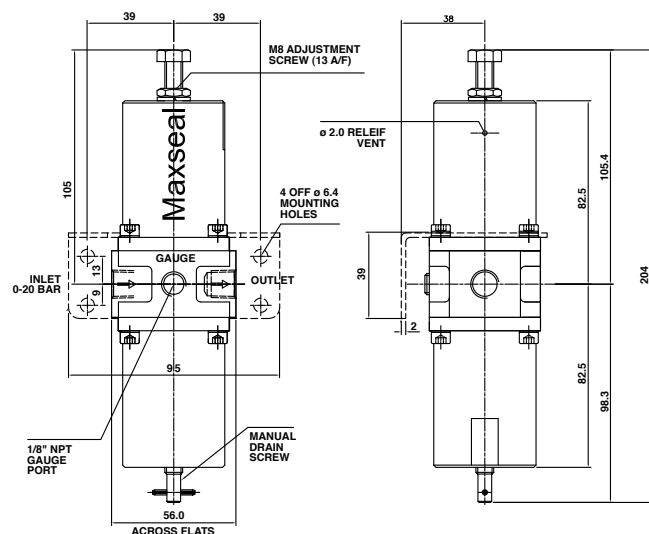
Models

Part number	Outlet pressure psi (bar)	Drain type	Port size NPT	Seat/seal materials	Gauge
YR2ACA1H1BS040	7 to 145 (0.5 to 10)	Manual	1/4	NBR	304/316SS dry, bar & psi
YR2ACA3H1BS040	7 to 145 (0.5 to 10)	Manual	1/2	NBR	304/316SS dry, bar & psi

*1) 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.

*2) Typical flow with 10 bar inlet pressure, 6.3 bar set pressure and a 1 bar drop from set.

IFR3 - 1/4" Filter/regulator combination



IFR4 - 1/2" Filter/regulator combination

