



FR Series

Filter Regulator



All innovation
on driving your valve automation

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Valve air unit essential to provide clean and dry supply air to valve positioners, solenoid valves and pneumatic actuators

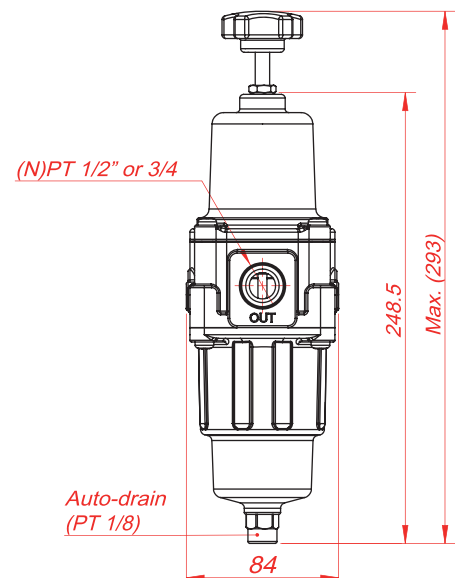
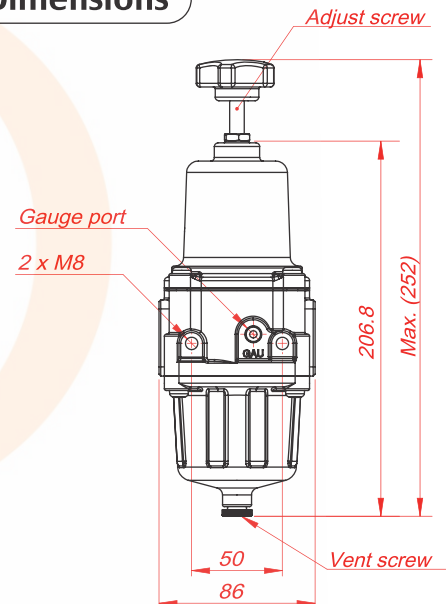
Features

- Rugged aluminum die-cast or stainless steel 316 housing
- Excellent stability and repeatability
- Outstanding sensitivity with precise setting
- High capacity with 5 micron filter
- Self-relief function to balance output and setting pressures
- High flow capacity
- Optional auto-drain (float type)

Specifications

Model	FR-30	FR-31
Port Size	PT(Rc) 1/2, NPT 1/2 PT(Rc) 3/4, NPT 3/4	NPT 1/2 NPT 3/4
Fluid	Air	
Output Pressure Range	0 - 4 bar (60 psi) / 0 - 8 bar (120 psi)	
Max. Supply Pressure	15 bar (225 psi)	
Operating Temperature	-20°C to +70°C	
Supply Air	Filtered compressed, dry and non oiled air (up to 5 micron)	
Gauge Port Size	PT(Rc) 1/8	
Filtration	5 micron	
Housing Material	Aluminum die-cast	Stainless steel 316
Pressure Gauge Material	Stainless steel	
Weight	1.6 kg	3.4 kg

Dimensions



How to Order

FR

Body
Material

- Port Size

Output
Pressure
RangeOperating
Temp.

- Options

Description	Code	
Body Material	30 : Aluminum die-cast 31 : Stainless steel 316	
Port Size	1 : PT (Rc) 1/2 3 : PT (Rc) 3/4	2 : NPT 1/2 4 : NPT 3/4
Output Pressure Range	1 : 0 - 4 bar (60 psi)	2 : 0 - 8 bar (120 psi)
Operating Temperature	0 : -20 - +70°C 2 : -40 - +80°C	1 : -20 - +120°C
Options	M : Manual drain	A : Auto drain