

Air Preparation Range

Process Industry



ASCO[™]


EMERSON[™]

Stainless Steel Filter Regulator (342 Series)



Compact

Benefits

Reliable

The 342 Series has been designed with a long life span in mind, from the corrosion resistant stainless steel construction to the robust internal diaphragm.

High Performance

High flow rates give excellent performances at a wide range of temperatures, from -40°C to +90°C as standard; with the option to operate at temperatures down to -60°C.

Approvals

The 342 Series meets all the ATEX, SIL, NACE and CUTR industry requirements.

Key Information

Body Material & Internal Metal Parts	316L Stainless Steel
Port sizes	1/4 & 1/2
Operating Temperature	-40 to +90°C (-60°C optional)
Maximum Flow	Up to 7.800 L/min ANR
Regulated Pressure	0,5 to 10 bar
Fluid	Compressed Air, Neutral & Sour Gas
Certifications	ATEX II 2GD c IIC T100°C (T5), with 80°C ambient temperature or II 2GD c IIC T85°C (T6), with 75°C ambient temperature CUTR
Standards	Complies with ISO 8573.1:2010 and ISO 2500 air purity classification
Options	Nace Automatic Drain Automatic Drain with 1/8 NPT Connection Stainless Steel ø63 Gauge 0-12 bar Low Temperature -60°C Right to Left Flow Sense Stainless Steel Mounting Brackets



Aluminium Filter Regulator (650 Series)



Benefits

High Performance

The 650 Series features one of the highest flows vs size on the FRL market, resulting in a smaller pressure drop and delivering energy savings.

Versatile

Robust construction features allows use of the 650 Series under corrosive conditions, a variety of applications (automation, process and more), and in temperatures of -40°C to 80°C. Our range of options offers you the widest choice from a single supplier.

Compact and Modular

The clever design of the 650 Series gives a compact and modular product that is space saving, easy to install, flexible and up to 40% lighter than similar products on the market.

Key Information

Body Material	Aluminium
Port sizes	1/8 - 1/4 - 3/8 - 1/2
Operating Temperature	-20 to +50°C (-40 to +80°C optional)
Maximum Flow	Up to 7.000 L/min ANR
Regulated Pressure	0,2 to 10 bar
Fluid	Air or Inert Gas
Certifications	ATEX II 2GD IIC T 85°C (T6) X or II 2GD IIC T 100°C (T5) X CUTR
Standards	Complies with ISO 8573.1:2010 and ISO 2500 air purity classification
Options	<ul style="list-style-type: none"> High and Low Temperature Stainless Steel Fasteners Right to Left Flow (Left to Right is standard) FPM Seals NPT & RC Threads Tamper Resistant and Key Lockable Coalescing & Active Carbon Filters Bottom Knob Air Pressure Operated Quick Relief Non Relieving Metal bowl Flat gauge Shut off option



Fluid Automation Solutions

The ASCO air preparation products are part of a broader fluid automation offering, including solenoid valves, cylinders, valve islands and more. We can provide you with a complete solution that meets the needs of your process application.



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