

## Superior Performance in Harsh Environments

Air preparation solutions for precise, reliable pressure regulation.



### Meeting Your Air Preparation Needs in Harsh Process Environments

- **High Flow.** Designed to provide industry leading flow rate capability, up to 370.8 SCFM (10,500 L/m), maximizing process valve efficiency.
- **Robust and Reliable.** Aluminum design with power coating provides excellent salt spray resistance to maximize life span. Rugged bolt adjustment design tailored for process environment.
- **Customizable.** Choose from a wide range of options, including low-temperature and low-copper variants, as well as manual and automatic draining features.
- **Failsafe.** Optional Quick Relief feature ensures downstream equipment go into failsafe mode in the event of lost air supply by venting pressure back through inlet.



Global Supply Line are ASCO distributors and keep large stocks of ASCO products, such as solenoid valves. Contact us for any inquiries within Australia. Contact us at [sales@globalsupplyline.com.au](mailto:sales@globalsupplyline.com.au) Visit our website [www.globalsupplyline.com.au](http://www.globalsupplyline.com.au)

ASCO™

  
EMERSON™

# High Flow Meets High Performance.

The ASCO™ Series 641/2/3 Aluminum Filter Regulator is the latest addition to our air preparation product lineup. These high-flow solutions incorporate a robust yet flexible design for reliable performance in harsh environments, and we offer quick delivery to ensure you meet your aggressive time-to-market goals in process applications. Choose from a wide range of options, including low-temperature and low-copper variants, as well as manual and automatic draining, to prevent fluid or gas contamination.

## Specifications

ASCO™ Series 641/2/3 Aluminum Filter Regulator	
Port Size and Thread Type	1/4", 3/8", 1/2", 3/4" and 1" NPT & G
Fluid	Air or Inert Gas
Flow Range	78 to 370.8 SCFM (2,210 to 10,500 l/m)
Max. Inlet Pressure, Manual Drain	290 psi (20 Bar)
Max. Inlet Pressure, Automatic Drain	641: 36.3 to 160 psi (2.5 to 11 Bar) 642 & 643: 7.3 to 247 psi (0.5 to 17 Bar)
Adjustable Pressure	7.3 to 152.3 psi (0.5 to 10.5 Bar)
Filter Capacity	5µm, 25µm, 40µm
Ambient Temperature Rating	Manual Drain: -40°F to 194°F (-40°C to 90°C) Automatic Drain: 32°F to 194°F (0°C to 90°C)
Certifications	ATEX,CRN, UKCA

	ASCO™ Series 641	ASCO™ Series 642	ASCO™ Series 643
			
Port Size	1/4", 3/8", 1/2"	1/4", 1/2"	3/4", 1"
Flow Rate	Up to 101 SCFM / 2,880 L/min	Up to 204 SCFM / 5,800 L/min	Up to 370 SCFM / 10,500 L/min



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