

# One-Stop Solutions Provider For Air Preparation

High-quality, reliable air preparation solution  
to maximize system performance

## Air Prep Solutions to Improve Your Operational Excellence

### A One-Stop Solutions Provider.

Our technologies include aluminum and stainless steel filter regulators and sophisticated filtration systems — all from a single supplier.

**REDUCE  
SUPPLY CHAIN  
COMPLEXITY**



### Your Reliable Project Partner.

Collaborate with experienced partners to solve your toughest challenges, all while enjoying ease of sourcing and technical support.

**ENGINEERING  
SUPPORT  
YOU CAN RELY ON**



### High-Quality Products.

Leveraging our proven expertise in fluid control, our comprehensive range of air preparation products will improve your uptime in process applications.

**MAXIMIZE  
PROCESS SAFETY  
AND RELIABILITY**



**ASCO™**

  
**EMERSON™**

# Reliable, Robust and Effective Air Prep Systems

Our comprehensive filter regulator lineup includes the ASCO™ Series 342A Stainless Steel Filter Regulator, Series 641/642/643 Aluminum Filter Regulator and Tri Stage Filtration System. Our high-flow Series 342A provides precise pressure regulation to actuators, ensuring only clean, dry media reaches your downstream devices. Our Series 641/642/643 comes with a wide range of options, including low-temperature operation, manual and automatic draining and low-copper content to prevent fluid or gas contamination. And, our Tri Stage system effectively removes all sub-micron particles, moisture and oil aerosol from instrument air, improving your equipment durability in critical applications.

## Product Selection

### ASCO™ Series 342A Stainless Steel Filter Regulator



- Full stainless steel construction to stand up to the most corrosive, harsh environments
- Compliant with NACE MR 0175 requirements for sour gas applications
- Standard and Autodrain feature available for effective moisture removal
- 1/4 to 1-inch NPT with compact versions available
- Quick Relief feature prevents trapped pressure from locking the actuator in position if supply air pressure is lost



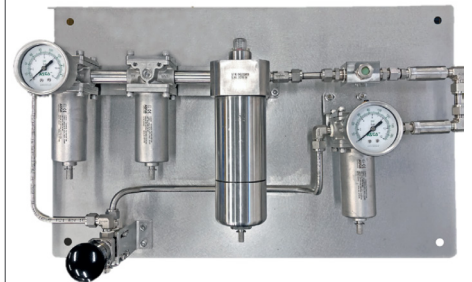
### ASCO™ Series 641/642/643 Aluminum Filter Regulator



- Robust aluminum design with powder coating for enhanced salt spray resistance
- 1/4 to 1-inch NPT & G sizing available, delivering best in class flow capability
- 641 (standard) 642 (high flow) and 643 (large size) models
- Standard and Autodrain feature available for effective moisture removal
- Quick Relief feature prevents pressure buildup if supply air pressure lost
- Ex H non-electrical: ATEX, CRN and UKCA certifications



### ASCO™ Tri Stage Filtration System



- For compressed air and neutral gas
- Fully stainless steel exterior (NACE MR 0175)
- First-stage: 25- $\mu$ m particulate filter; second stage: 5- $\mu$ m particulate filter; and third stage: 0.01- $\mu$ m coalescing filter
- Features include maintenance bypass, visual lifespan and moisture indicators and a fully automatic drain option



**ASCO™** For more information:  
[www.Emerson.com/ASCO](http://www.Emerson.com/ASCO)

