



ISO  
9001  
QUALITY  
ASSURANCE

## ACR-360 Series

### Auto-Changeover Regulator System

The **ACR-360** series system is a two stage gas delivery system that uses two diaphragm sensed pressure regulators into a single body to create a compact Auto-Changeover Regulator system. The common outlet port is connected to a single line regulator that ensures continuous flow of gases in critical applications unaffected by supply source depletion. When primary supply drops below the changeover pressure, the ACR-360 system automatically switches from the depleted supply source to an alternate supply source. Check valves and shut-off valves are fitted as standard to prevent escaping gas & complete isolation during change out of cylinders.

#### TYPICAL APPLICATIONS

- Gas & liquid chromatography
- Zero & calibration gases
- Research laboratories
- Purging system
- Laser gas systems
- Hydrocarbon services
- Leak testing

#### OPTIONS

- Dual contact pressure gauges with Remote Cylinder Alarm Panel to monitor gas supply.
- Hose assembly with cylinder connections.
- Multi cylinder manifolds.
- Proportional relief valve - intermediate



#### FEATURES & SPECIFICATIONS

- Stainless steel diaphragm
- Bracket mounted for easy installation
- Simple 270° turn operation
- Cleaned for Oxygen service.
- Available in Stainless Steel, Brass & Monel
- Cylinder changing possible during operation
- 0.01% pressure control accuracy under decaying supply pressure
- Inlet pressure: 210 bar (3000 psi)
- Outlet range: 0 to 20 bar (300 psi)
- Flow Coefficient: Cv 0.05
- Design Pressure: 1.5 times working pr.
- All connections: ¼" NPT (F)
- Seat: PTFE / PCTFE
- Max. Operating Temperature:

PTFE	-	66° C
PCTFE	-	80 ° C

NOTE: As a drive for continuous improvement of our products, 'Altair' reserves the right to change descriptions contained in this brochure without prior notice. Consult local distributor or factory for revisions and/or service related issues

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ACR-360 Rev.00-1016

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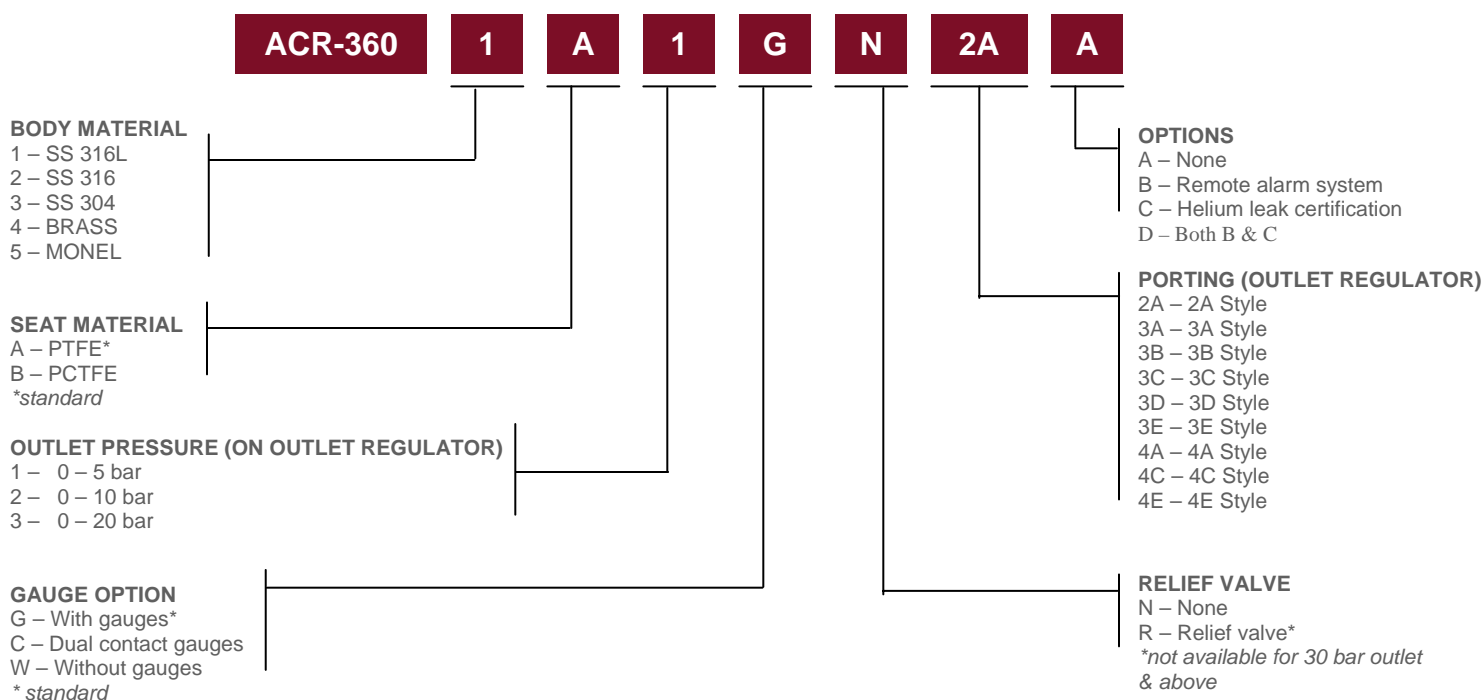




# ACR-360 Series

## Auto-Changeover Regulator System

### Ordering information



**ADVICE IS ALWAYS AVAILABLE ON:**

- System design, installation and commissioning
- Gas handling and control equipments
- Training on product handling and safety
- Engineering and equipment maintenance



**CLIENT LABELS ARE ALSO OFFERED SUBJECTED TO MINIMUM ORDER QUANTITY**

*Altair may suggest certain materials for certain applications. These suggestions are based on compatibility information provided by material suppliers on previous experience. However, Altair does not guarantee the material to be compatible with a specific media; this will be the sole responsibility of the user*

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