

# 987

MODEL



## HIGH PRESSURE CYLINDER REGULATOR

MODEL SHOWN:  
987AS-170

### APPLICATIONS:

- ▶ Designed to operate with high pressure cylinder. Typical applications include high pressure testing, charging accumulators, pressurizing aircraft struts, oil refineries, chemical plants, research laboratories and general industry.
- ▶ Ideal also for high pressure manifold distribution.

### FEATURES:

- ▶ Maximum inlet pressure 300 bar
- ▶ Stainless steel diaphragm on first stage- no internal contamination
- ▶ High pressure capsule seat with Kel-F (CTFE) sealing surface
- ▶ Corrosion resistant, forged brass, body and bonnet
- ▶ Bronze bonnet bushing and stainless steel T-screw handle
- ▶ Heavy duty inlet 15 mm thread with metal-to-metal seal
- ▶ Outlet 1/4" external diameter copper tube compression fitting
- ▶ Models available for all non-corrosive compressed gases
- ▶ Same regulator used for lightweight gases, without vibration
- ▶ One-piece encapsulated seat design with internal filter and PTFE (Teflon®) seat
- ▶ 7 year warranty



MODEL NO.	GAS	MAX INLET PRESSURE (bar)	DELIVERY PRESSURE (bar)	MAX (AIR) FLOW (m³/h)	DELIVERY PRESSURE GAUGE (bar)	SUPPLY PRESSURE GAUGE (bar)
987S-100**	Argon, CO <sub>2</sub> , Nitrogen, Air, Helium, Hydrogen, Oxygen, Methane	300	0 - 100	400	0 - 315	0 - 400
987AS-170**	Argon, CO <sub>2</sub> , Nitrogen, Air, Helium, Hydrogen, Oxygen, Methane	300	0 - 170	500	0 - 315	0 - 400
CLIMATESTER	Nitrogen	300	0 - 55	120	0 - 70	0 - 400

# 8700

MODEL



## HIGH PRESSURE CYLINDER REGULATOR

MODEL SHOWN:  
8700

### APPLICATIONS:

- ▶ Designed to operate in high pressure cylinder. Typical applications include high pressure testing, charging accumulators and pressurizing aircraft struts.

### FEATURES:

- ▶ Maximum inlet pressure 380 bar
- ▶ One piece encapsulated valve with CTFE seats and internal filter
- ▶ Elastomeric diaphragm for longer life
- ▶ Ergonomic knob for improved grip
- ▶ 7 year warranty



MODEL NO.	GAS	MAX INLET PRESSURE (bar)	DELIVERY PRESSURE (bar)	MAX (AIR) FLOW (m³/h)	DELIVERY PRESSURE GAUGE (bar)	SUPPLY PRESSURE GAUGE (bar)
8700 3000 psi**	Argon, CO <sub>2</sub> , Nitrogen, Air, Helium, Hydrogen, Oxygen, Methane	380	0 - 205	330	0 - 280	0 - 400
8700 4500 psi**	Argon, CO <sub>2</sub> , Nitrogen, Air, Helium, Hydrogen, Oxygen, Methane	380	0 - 300	330	0 - 400	0 - 400

\* Teflon® is a registered trademark of The Chemours Company.  
\*\*The regulator is available for all the listed gases. When ordering always specify gas.