

485 Series

Single Stage High-Flow, Brass Bodied Scientific Regulator



The 485 Series of regulators are designed for a wide and varied range of applications including high flow purging, manifold and line regulation.

- Pressure ranges of 0-15 to 0-250 PSI are available to cater for a broad range of applications
- Brass bar stock body means a smoother surface finish
- High flow capacity
- Rear panel mountable
- 3000 PSI inlet pressure rating for safe use with high pressure cylinders
- PTFE diaphragm seal prevents gas contamination
- Internal equalization (ISOFLOW) provides constant delivery pressure at high flows
- 316L stainless steel diaphragm
- For non corrosive gases

Specifications:

Max. Inlet Pressure: 3000 PSI (210 BAR)

Gauges: 2" diameter brass

Temperature Range: -40° C to 60° C

Body Ports: ½" FPT (inlet/outlet)
¼" FPT (gauge/relief valve)

Helium Leak Integrity: 1 x 10⁻⁸ scc/sec

Cv: 1.0

Weight: 2.2 kg

Materials:

Body: Brass bar stock

Bonnet: Chrome plated die cast zinc

Seat: PCTFE

Filter: 40 micron 316L stainless steel

Diaphragm: 316L stainless steel

Internal Seals: PTFE

ORDERING INFORMATION

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Series	Outlet Pressure	Inlet Fitting	Outlet Fitting	Options
485	15 (0-15 psi)	T10 (AS2473 Type 10)	8F (1/2" NPT Female)	Wall mount bracket
	40 (0-40 psi)	T20 (AS2473 Type 20)	8S (1/2" Tube)	
	120 (0-120 psi)	T30 (AS2473 Type 30)	12S (3/4" Tube)	
	200 (0-200 psi)	T50 (AS2473 Type 50)	Others by description	
	250 (0-250 psi)	T60 (AS2473 Type 60)		
		8F (1/2" NPT Female)		
		Others by description		