

HIGH PRESSURE – MONEL PISTON-SENSED REGULATOR SERIES 3835

DESCRIPTION

The 3835 series regulators are ideally designed for use in high pressure oxygen applications with delivery pressures up to 2500 psig involving applications with inlet pressures up to 3000 psig. The series features a main valve with a Cv of 0.08.

FEATURES

- Capable of high flows with only a small pressure drop.
- Monel construction.
- Unbalanced stem provides positive shut-off.

APPLICATIONS

The 3833 series regulators are ideal to meet the requirements of systems where a high flow of gases needs to be delivered with good outlet pressure control.

SPECIFICATIONS

	3835	3835L
Max. Inlet Pressure:	3000 psig	3000 psig
Operating Temp. Range:	-40°F to +165°	-40°F to +165°
Flow Coefficient(Cv):	0.08	0.08
Inlet and Outlet:	1/4" NPT female	1/4" NPT female

MATERIALS OF CONSTRUCTION

	3835
Body:	Monel
Bonnet:	Monel
Main Valve Assembly	Monel
Main Valve Seat:	Kel-F
Seal:	Viton
Gauges	Stainless Steel



3835

HOW TO ORDER***

Model Number	Del. Press. Range psig	Del. Press Gauge psig	Inlet Press. Gauge psig
3835-25-CGA*	0-25	0-60	0-4000
3835-50-CGA*	0-50	0-100	0-4000
3835-100-CGA*	0-100	0-200	0-4000
3835-250-CGA*	0-250	0-400	0-4000
3835-500-CGA*	0-500	0-1000	0-4000
3835-1000-CGA*	0-1000	0-1500	0-4000
3835-1500-CGA*	0-1500	0-2000	0-4000
3835-2000-CGA*	0-2000	0-3000	0-4000
3835-2500-CGA*	0-2500	0-3000	0-4000
3835L-25-CGA*	0-25	0-60	none
3835L-50-CGA*	0-50	0-100	none
3835L-100-CGA*	0-100	0-200	none
3835L-250-CGA*	0-250	0-400	none
3835L-500-CGA*	0-500	0-1000	none
3835L-1000-CGA*	0-1000	0-1500	none
3835L-1500-CGA*	0-1500	0-2000	none
3835L-2000-CGA*	0-2000	0-3000	none
3835L-2500-CGA*	0-2500	0-3000	none

Options:

Monel diaphragm outlet valve installed- add suffix "DV" to model number.
 Monel packed outlet valve installed- add suffix "PV" to model number.

