



Demand Flow Regulator 0.5 lpm - GDS1079

Demand flow regulators are used with gas detection instruments and analyzers that utilize a pump to draw the gas. The regulator controls the exact amount of gas that flows through the instrument pump which can be set as required. It is used mainly for docking stations that have their own sample draw system.

Our demand flow regulators are the easiest solution for calibration gas requirements as they eliminate the need for flow meters and simplify gas detection calibration training. They also help save expensive calibration gases due to their capability to control the flow of gases as required.

TectoGroup demand flow regulators, as per their design and precision manufacturing, are only set to open under a vacuum of a 3-inch water column which gives the desired flow rate of 0-3 L/Mn.

The regulators can be used for a range of corrosive and non-corrosive gases and can be manufactured in stainless steel or nickel-plated brass as per the requirement. These are available in both standard C10 connection and high-pressure NPT connection.

Model	Inlet Connection	Outlet Connection	Preset Fixed Flows	Max Inlet Pressure	Outlet Pressure	Material Of Construction	Dial Gauge
ODFR-C10-AER	7/16" x 28 UNF 2B Aerosol	4.8mm (3/16") Barb	0 to 3" water column	20 Bar (290 Psi)	Vacuum	Brass	0-35 Bar (0-500 Psi)
ODFR-CGA600-BR	CGA 600	4.8mm (3/16") Barb	0 to 3" water column	35 Bar (500 Psi)	Vacuum	Brass	0-35 Bar (0-500 Psi)
ODFR-HP-BR	1/4" NPT - Female	4.8mm (3/16") Barb	0 to 3" water column	200 Bar (2900 Psi)	Vacuum	Brass	0-200 Bar (0-2900 Psi)
ODFR-HP-SS	1/4" NPT - Female	4.8mm (3/16") Barb	0 to 3" water column	200 Bar (2900 Psi)	Vacuum	Stainless Steel	0-200 Bar (0-2900 Psi)
ODFR-C10-SS	5/8" x 18 - UNF C-10 Connection	4.8mm (3/16") Barb	0 to 3" water column	70 Bar (1000 Psi)	Vacuum	Stainless Steel	0-70 Bar (0-1000 Psi)
ODFR-C10-BR	5/8" x 18 - UNF C-10 Connection	4.8mm (3/16") Barb	0 to 3" water column	70 Bar (1000 Psi)	Vacuum	Brass	0-70 Bar (0-1000 Psi)

