

622 Series Delivery System

The single-body design of the 622 makes it a great choice for start-up installation using twelve-packs or liquid cylinders. The dome loaded seat offers excellent flow capacity, which enables the 622 to transition into a point-of-use regulator of a bulk installation.



622 Features

- Up to 3000 PSIG Inlet Available. Liquid or High Pressure Use.
- 40-Micron Internal Filter. Limits Possibility of Gas Contamination.
- Optional Wall Mounting Kit. Maintains Flow Capacity.
- Right and Left Hand Inlets Available. Flexible Installation Options.

622 Typical Application

- Assist Gases from Cryogenic Supply (*Nitrogen and Oxygen*) (Use low inlet models for LaserCyl™ and Trifecta™)
- Assist Gases for High Pressure Supply (*Nitrogen and Oxygen*) (Use high inlet models with “Gas Paks”, cradles, and tube trailers)

Materials of Construction

- Delivery Regulator Brass Bar Stock Body and Bonnet
PTFE Seat
PTFE and Viton® (internal)
- Pilot Regulator Brass Bar Stock Body and Bonnet
PTFE Seat
PTFE and Viton® (internal)
- Tubing and Tube Fittings 316L Stainless Steel
- Pressure Gauges Brass (*Socket*)
Bronze (*Bourdon Tube*)
Brass (*Case*)

622 Specifications

- Maximum Inlet Pressure 600 PSIG (42 BAR)
3000 PSIG (210 BAR)
- Temperature Operating Range -40° F - 140° F (-40° C - 60° C)
- Maximum Flow (Nitrogen) 6,000 SCFH (2800 lpm)
- Inlet Connection 1/2" FPT
- Outlet Connection 1/2" FPT
- Weight 12.6 lbs. (5.7 kg.)

How to Order: *Specify a number from each category*

Model Number Series	Outlet Pressure PSIG	Inlet Connection	Outlet Connection	Assembly Orientation/ Maximum Inlet Pressure	Inlet Connection
622	1 0-100 PSIG	0 1/2" FPT Port	0 1/2" FPT Port	0 Right Hand Inlet 600 PSIG (92 BAR)	Please specify inlet connection
	2 0-250 PSIG	5 Cylinder Connection		2 Right Hand Inlet 3000 PSIG (210 BAR)	
	3 0-450 PSIG			4 Right Hand Inlet 4500 PSIG (310 BAR)	

Special Applications