

Modular Point of Use Panels

Description: Airgas' modular point of use panels function as building blocks and allow you to customize a gas distribution system in your laboratory. These panels consist of any combination of regulator, purifiers and outlet panel to meet your requirement. The modular design, consist of individual panels that snap onto a chase that allows for wall or bench top installation. This provides flexibility while minimizing overall component installation cost.

Regulator Module consists of a high purity pressure regulator, gauge, and purifier by-pass valve. Flexible tubing allows for easy panel access for future up-grades or modifications.

Purifier Module provides additional protection against contaminants. A variety of configurations are offered that include indicating moisture, hydrocarbon, oxygen and indicating oxygen traps.

Outlet Module accommodates up to 5 outlets valves or connections for same gas. Panels are pre-drilled to accommodate a variety of configurations. Laminate overlay is installed over holes to provide a quality appearance.

Design Features

Flexible Design - panels can be mounted on a wall, lab bench or ceiling

Convenience - provides control of gas pressure, purity and gas distribution at point of use

Ease of installation - panels are mounted on a chasis

Modular Panels

POINT OF USE PANELS



Materials	
Regulator/Valve Body	316 stainless steel or brass
Bonnet	Nickel-plated brass
Diaphragm	316 stainless steel
Seat	PTFE
Gauges	Stainless steel or brass
Panel	14 gauge steel
Finish	Epoxy white paint

Specifications	
Maximum Inlet Pressure	250 psig
Operating Temperature	-40F to 140F
Flow Coefficient	Cv = 0.15
Panel Inlet Connection	¼" Compression Fitting
Panel Outlet Connection(s)	¼" Compression Fitting
Gauge Size	2 ½" dial face

Ordering Information

Product Number	Material of Construction	Number of Outlets	Purifier Module (*)	Delivery Pressure (psig)	Delivery Pressure Gauge (psig)
	Brass	2	Indicating Moisture and Hydrocarbon	0-100	0-200
	Brass	3	Indicating Moisture and Hydrocarbon	0-100	0-200
	Brass	4	Indicating Moisture and Hydrocarbon	0-100	0-200
	Brass	5	Indicating Moisture and Hydrocarbon	0-100	0-200
	Stainless Steel	2	Indicating Moisture and Hydrocarbon	0-100	0-200
	Stainless Steel	3	Indicating Moisture and Hydrocarbon	0-100	0-200
	Stainless Steel	4	Indicating Moisture and Hydrocarbon	0-100	0-200
	Stainless Steel	5	Indicating Moisture and Hydrocarbon	0-100	0-200

• Other purifier options available

Custom modifications are available for other regulator, purifier and valve outlet module configurations.