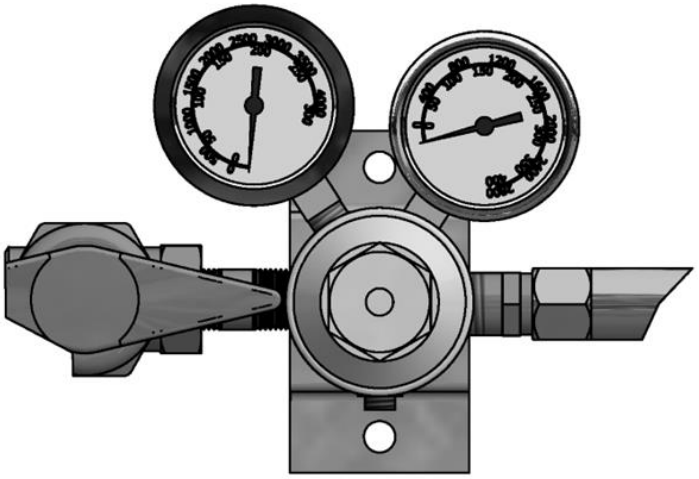
Pattons medical

SPECIFICATION
974-HPR-XXX-000-0000

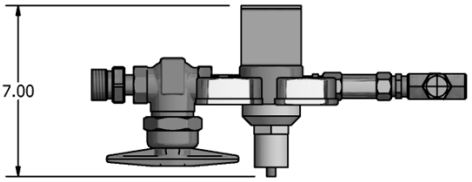
Reserve Manifold



General Specifications:

The reserve manifold is designed for Level 1 and 2 Medical Gas Pipeline installations requiring a permanent 24 hour reserve or emergency supply from high pressure cylinders. The reserve system is designed to comply with NFPA 99 code requirements for such installation.

Maximum Inlet Pressure:	3,000 PSIG (210 BAR)
Inlet Connection:	1/2" FPT
Outlet Connection:	1/2" FPT
Filter:	40-micron
Temperature Range:	0 to 140°F (-18° to 60°C)
Weight:	**25** lbs.

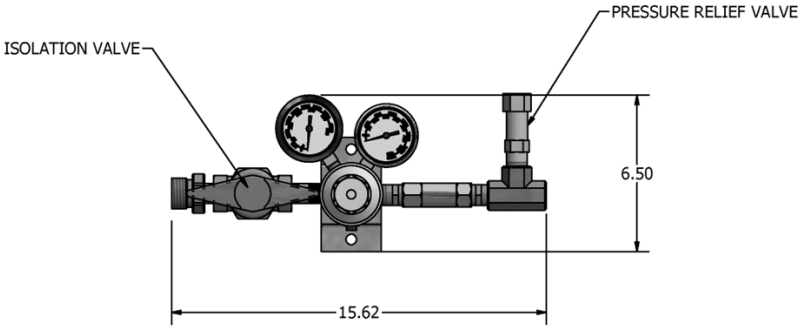


Flow Capacity:

Cv = 2.5
3500 SCFH

Materials:

Bodies
Brass barstock
Seals
PTFE, Neoprene and Viton®
Seats
Viton®, Neoprene



Model Numbers:

Reserve Manifold: **974-HPR-XXX-000-0000**

Header-Bar Assembly: **975-XXX-XXX-XXX-0000**

HBC = High Pressure Copper
HBS = High Pressure Stainless

Header Bars
1: 1 Side only

The "XXX" Defines the Gases:

Oxygen	= OXY
Nitrous Oxide	= N2O
Nitrogen	= NIT
Carbon Dioxide	= CO2

 # cylinder connections:
02 = 2 Cylinders
04 = 4 cylinders
06 = 6 cylinders
08 = 8 Cylinders
…
24 = 24 Cylinders

Note: OXY Cryogenic 230psi and 350psi only
Note: Reserve manifold is required per NFPA 99 if using liquid storage
Note: A heater is available for CO2 and N2O manifolds for high flowrate systems
Note: A hybrid liquid/high pressure system requires individual header bars per side

Statement of Warranty

Patton's Medical warrants all Manifolds, to be free of defects in material and workmanship under normal use for a period not to exceed thirty (30) months from date of shipment, or twenty-four (24) months from date of start-up

T 704 529 5442 W pattonsmedical.com