

Porter Vanguard Manifold

Model 4222CXB
Manifold System

Porter Instrument Vanguard Manifolds, Zone Valves and Outlet Stations utilize the cross + protection system. The system meets or exceeds the guidelines established by the National Fire Protection Association for Nonflammable Medical Gas Systems, NFPA 99C.

Product Application: Manifold Gas System for Nitrous Oxide and Oxygen for Level II facility.



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Porter Vanguard Wall Alarm Panel

SPECIFICATIONS:

Flow Capacity: Any flow range from 0-100 SLPM (nitrogen) with a pressure drop of no greater than 5 PSIG

Power Requirements: 110Vac

Manifold Features:

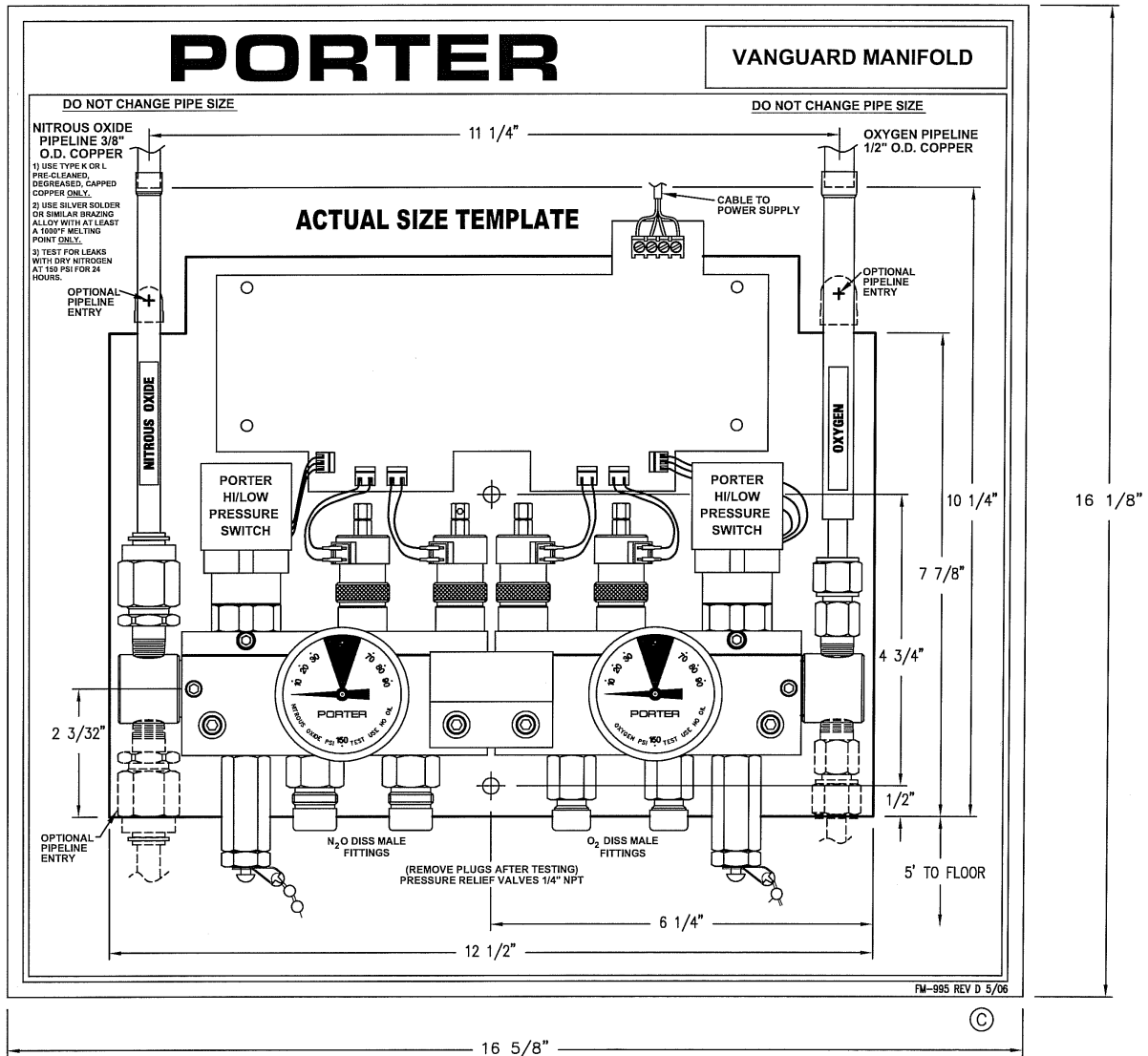
- Preset operating regulators for easy switch over
- CGA gas specified inlets and outlets with O-ring seal back up and integral check valves
- High/Low pressure switches preset 20% above and below normal operating pressures
- Manifold complies with NFPA-99C
- Visual indicator of current supply tank
- Automatic changeover to reserve tank with memory of tank usage and empty tank indicator
- Failsafe protection (loss of oxygen supply pressure will shut down Nitrous Oxide supply)
- **Cross + Protection** diameter indexed tubing connections
- Swivel, copper tubing connections to allow easy connection of piping in the up or down configuration
- Pressure relief valves downstream of check valves pre-set at 50% of normal operating pressure
- Audible and visual display indicating normal or high/low system pressure condition
- Normally open electronic control valve that provides continuous gas flow with loss of electrical power.
- Manual over-ride option



FM-1370 Rev. –

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Dimensions



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