

## Medical Gas Manifold Automatic High Pressure

### SPECIFICATIONS

The medical gas manifold shall be Ohio Medical Healthcair® series. The manifold shall be U.L. Listed and comply with NFPA 99.

The manifold shall provide an uninterrupted supply of gas to the pipeline at a constant pressure. The manifold shall permit automatic switchover for the “in use” (primary) bank of cylinders to the “reserve” (secondary) bank of cylinders.



The manifold shall have a hospital grade “ABS” enclosure allowing the manifold to be mounted out of doors in a semi-protected environment (0o - 140oF). The manifold shall be equipped with a power supply module, header bars/cylinder connections, master shut off valves and external heaters for Nitrous Oxide (N2O) and Carbon Dioxide (CO2) service.

The pressure control cabinet shall contain dual pressure regulators and switches that assure an uninterrupted, regulated flow of gas to the pipeline. The cabinet shall have three pressure gauges, one for each supply side and one for the pipeline delivery pressure. A group of indicator lights shall be used to indicate the status of the left and right cylinder banks. “In Service “ is indicated by the green light, and the “Reserve” cylinder bank is indicated by the yellow “Ready to Use” light. A red “ Replace Cylinder” light indicates a depleted cylinder bank. Two additional amber lights indicating “Heater Power” and “ Heater On” shall be included on the Nitrous Oxide (N2O) and Carbon Dioxide (CO2) manifolds.

Dry contacts are provided in the external power supply for connection to a remote alarm to signal when the reserve bank (secondary) is in use. No manual resetting is required when the bank has been replaced with new cylinders and re-pressurized, the red light goes off and the yellow “Ready to Use” light comes on and the replaced bank is now the reserve bank. The automatic switch over piston valve shall be covered by a 5 year warranty.

Cabinet dimensions are 12.8”W x 14.1”H x 5”D  
Input Voltage shall be 115 VAC

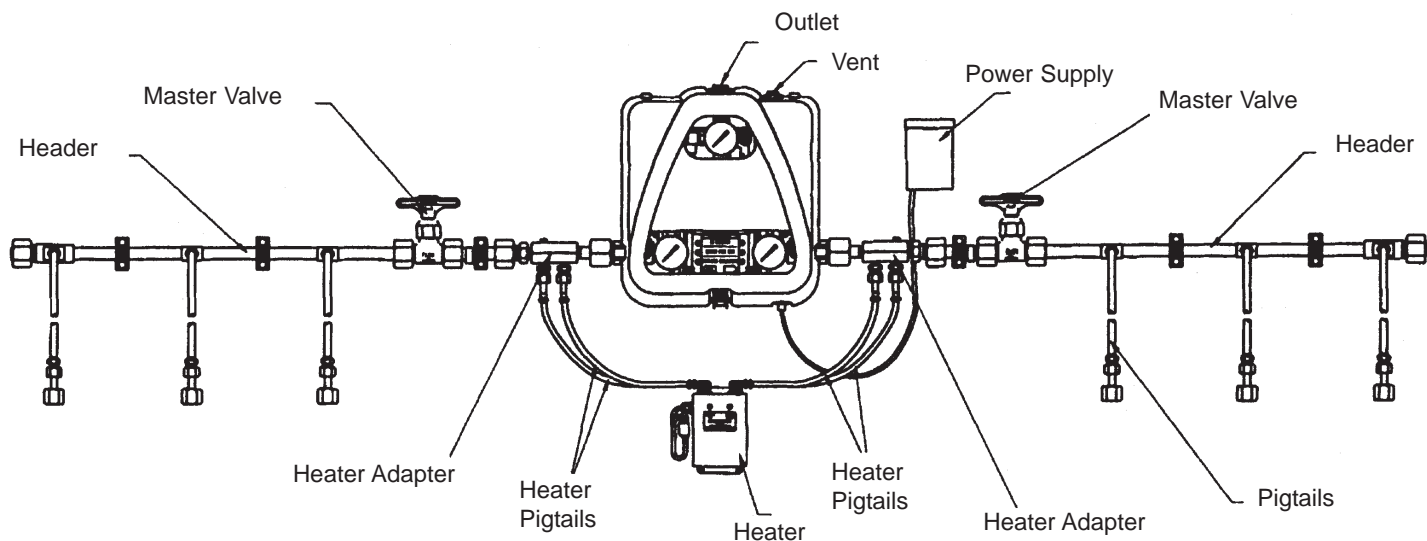
The header bars shall be modular in design, allowing for future expansion. Each inlet port shall be equipped with an individual check valve and each brass header bar shall include a master shutoff valve to shut off the gas in emergency situations. Cylinder connections shall have a stainless steel mesh covering\* and be flexible to facilitate cylinder alignment with the header bar and include gas specific CGA fittings on each end.

Piping regulators and control switchover components shall be cleaned for oxygen service.

\*Oxygen manifolds shall be equipped with copper pigtailed.

Equipment is manufactured in the USA and produced in an ISO 9001 registered facility.





## PART NUMBERS

	Oxygen	N2O	N2	Air	CO2	5" Header Spacing
Control Unit Only	262797-00	262798-00	262799-00	262800-00	262801-00	
1 x 1	262797-01	262798-01	262799-01	262800-01	262801-01	57
2 x 2	262797-02	262798-02	262799-02	262800-02	262801-02	56
3 x 3	262797-03	262798-03	262799-03	262800-03	262801-03	76
4 x 4	262797-04	262798-04	262799-04	262800-04	262801-04	76
5 x 5	262797-05	262798-05	262799-05	262800-05	262801-05	96
6 x 6	262797-06	262798-06	262799-06	262800-06	262801-06	96
7 x 7	262797-07	262798-07	262799-07	262800-07	262801-07	116
8 x 8	262797-08	262798-08	262799-08	262800-08	262801-08	116
9 x 9	262797-09	262798-09	262799-09	262800-09	262801-09	136
10 x 10	262797-10	262798-10	262799-10	262800-10	262801-10	136

## TRUSTED BRANDS OF OHIO MEDICAL



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