



## Final Line Regulating Manifolds

- Superior pressure and temperature control.
- For atmospheric or flammable cryogenics.
- Multiple pressures ranging from 300 to 600 PSIG.
- Silver-brazed joints for copper modules.
- Sil-Fos® joints for medical applications.
- TIG-welded stainless steel available.
- Oxygen-cleaned parts available.
- Pressure tested before shipment.
- High-quality, industry-preferred parts.
- Both stock and custom-designed modules offered.

*Supplying critical control systems required for proper delivery of the liquid or gas to your customers.*

FIBA operates a 10,500 SQ FT fabrication shop equipped with a parts warehouse dedicated to manifold production. When manufacturing equipment for oxygen applications, cleanliness is of utmost importance and FIBA can provide components that are cleaned for oxygen service or high purity applications. The cleaning room is equipped with ultrasonic, aqueous and pressure washing cleaning processes.

Standard manifolds come in a range of pressures from 300 to 600 PSIG. The manifold service will dictate whether the material used is stainless steel, copper or brass. All of our manifolds are pressure tested prior to shipment and our pneumatic and hydrostatic pressure testing capabilities extend up to 15,000 PSI. Utilizing Lean/Six Sigma methodologies FIBA has a large and experienced team of ASME certified welders. TIG applications include (Stainless Steel, Monel, Inconel, Aluminum and Exotic Metals). Additional applications include silver brazing and Sil-Fos®.

Since 1975, FIBA has manufactured manifolds for industrial gas companies worldwide. A wide range of other products is also available at FIBA Technologies, Inc.. The product line includes: Cryogenic, CO<sub>2</sub>, and compressed gas trailers, stationary, portable tanks, ASME receivers and piping systems. We service all of the equipment we manufacture with requalification facilities worldwide with multiple certifications. Our focus is always on the customers and the quality and safety of our products.



**Medical & Non- Medical Manifolds** Many different sizes to suit your various needs as well as custom applications.

A final line regulating manifolds controls temperature and pressure in a wide range of medical and industrial gas applications. The manifold serves as the transition apparatus from liquid to gas. Customers can choose from a variety of standard units manufactured and stocked at FIBA. We can also build to custom specifications supplied by the customer.

We invite you to visit our website @ [www.fibatech.com](http://www.fibatech.com) for more information on our products and services. You can also send a question or request for quote to [info@fibatech.com](mailto:info@fibatech.com) and we will have one of our sales representatives contact you to discuss your equipment needs.



3" Dual SS Regulating Manifold



1" Copper Regulating Manifold



2" Copper Regulating Manifold



3" Copper Regulating Manifold

**Medical Manifolds**

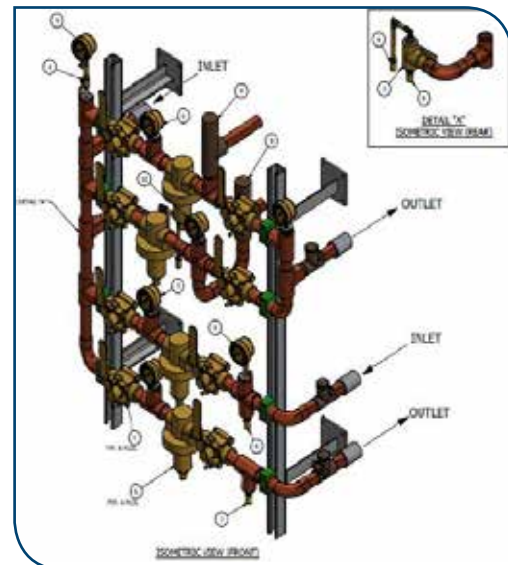
Description	Available Sizes	Material	Flow Rate	MAWP	Low LTPP
Medical O2 Supply Regulating Manifold	3/4"	Copper	GOX at 70 °F, 350 psi inlet, max flow at 58,000 scfh	350	No
Medical O2 Supply Regulating Manifold	1"	Copper	GOX at 70 °F, 80 psi inlet, max flow at 31,500 scfh	350	No

**Non- Medical Manifolds**

Description	Available Sizes	Material	Flow Rate	MAWP PSIG	Low LTPP
Regulating Hydrogen Off Loading Manifold	1/2"	SS	GH2 at 70 °F, 3000 psi inlet, max flow at 204,000 scfh	3000	No
LTPP Final Line Hydrogen Regulating Manifold	1"	SS	GH2 at 70 °F, 400 psi inlet, max flow at 605,000 scfh	400	-40
LTPP Final Line Hydrogen Regulating Manifold	2"	SS	GH2 at 70 °F, 400 psi inlet, max flow at 2,430,000 scfh	400	-40
LTPP Final Line Regulating Manifold - Nitrogen, Argon, Oxygen	1"	Copper	GN2 at 70 °F, 400 psi inlet, max flow at 163,000 scfh GAR at 70 °F, 400 psi inlet, max flow at 137,000 scfh GOX at 70 °F, 400 psi inlet, max flow at 153,000 scfh	400	-40
LTPP Final Line Regulating Manifold- Nitrogen, Argon, Oxygen	2"	Copper	GN2 at 70 °F, 342 psi inlet, max flow at 560,000 scfh GAR at 70 °F, 342 psi inlet, max flow at 470,000 scfh GOX at 70 °F, 342 psi inlet, max flow at 527,000 scfh	342	-40
LTPP Final Line Regulating Manifold- Nitrogen, Argon, Oxygen	3"	Copper	GN2 at 70 °F, 300 psi inlet, max flow at 990,000 scfh GAR at 70 °F, 300 psi inlet, max flow at 827,000 scfh GOX at 70 °F, 300 psi inlet, max flow at 930,000 scfh	300	-40
LTPP Final Line Regulating Manifold - Nitrogen, Argon, Oxygen	1"	SS	GN2 at 70 °F, 600 psi inlet, max flow at 242,000 scfh GAR at 70 °F, 600 psi inlet, max flow at 202,000 scfh GOX at 70 °F, 600 psi inlet, max flow at 227,000 scfh	600	-40
LTPP Final Line Regulating Manifold - Nitrogen, Argon, Oxygen	2"	SS	GN2 at 70 °F, 600 psi inlet, max flow at 966,000 scfh GAR at 70 °F, 600 psi inlet, max flow at 810,000 scfh GOX at 70 °F, 600 psi inlet, max flow at 908,000 scfh	600	-40



3/4" Medical Manifold

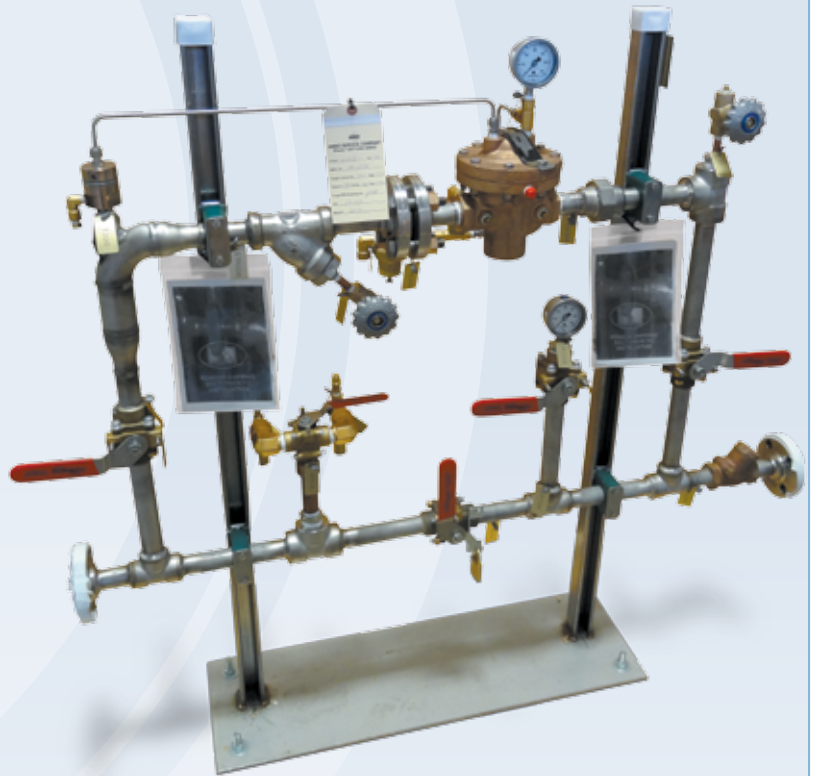


Medical Manifold

# High Pressure Gas Handling Manifold

## Manifold Design Options Include:

- Low Temperature Pressure Protection
- Single Regulation
- Dual Regulation
- Medical Oxygen Cabinets
- High Flow Medical Regulation
- Standard Tube Trailer Delivery



*10,000 SQ FT Dedicated Shop*



*Cleaning for Oxygen Service*



*Documented & Packaged*



*Pressure Tested*