



Medical Pipeline Solutions

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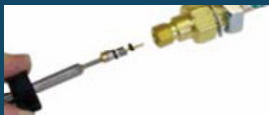
Outlets



GlobalVac & Air medical outlets by Tri-Tech Medical are proudly assembled and tested in the USA using premium materials. This commitment to quality extends across our full product line, including Standard, Retro-Fit Conversion, and Plug-n-Play Series. Our outlets are available in all four common connection types: **DISS (XF), Ohmeda (XQ), Allied/Chemetron (XA), Puritan (XP).**

Key Design Advantages:

- **Extended O-ring lifespan:** Viton O-rings last 5-7 times longer than standard alternatives
- **Enhanced sealing:** Double O-ring between the front and back body ensures a secure, leak-resistant seal
- **Simplified maintenance:** O-rings can be serviced without removing the secondary check or shutting off the gas supply
- **High load capacity:** Supports up to 10 lbs at 2 inches without leakage
- **Robust construction:** Precision-machined brass body for durability and long-term reliability



GlobalVac & Air risers and DISS outlets by Tri-Tech Medical include removable Frontall™ cartridge allowing for fast, easy service.

Suction & Oxygen Therapy (SOT)

Suction & Oxygen Therapy are used in hospitals and other healthcare facilities to distribute and deliver medical gases, such as oxygen, medical air, and vacuum. These products include a variety of components and devices that are used to distribute and control the flow of medical gases to patients.

Our flowmeters are designed for dependability and durability. Our suction regulators provide superior suction control, and are available in 0-160, 0-300, and 0-760 mmHg ranges.



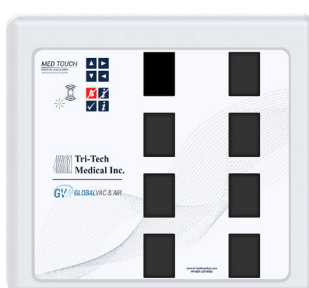
Medical Gas Alarm Panel

The highly versatile GlobalVac & Air Alarm by Tri-Tech Medical has three size options, each equipped with multiple individual LCD Touch screen modules. This allows your facility to customize the layout of this panel to include all required monitored zones and master signals.

The GlobalVac & Air Touch LCD Touch Screen Alarm Panels by Tri-Tech Medical digitally display gas pressure from up to 16 medical gas services, monitors and displays normal and alarm conditions for up to 128 source signals and provides alarm conditions as required by the latest edition of NFPA 99. A transducer and DISS riser is included with each area alarm gas board.



2-Slot (4-Module)



3-Slot (8-Module)



Zone Valve Box

We offer multiple Zone Valve Box configurations to fit various installation needs:

Horizontal (V & EV Series): Standard wall-mount design supporting up to eight valves with flexible service access.

Vertical (VZ Series): Space-saving configuration for tighter or column-style installations, supporting up to six valves.

ZVB / Combination Units (ZT & EZT Series): Integrates shutoff valves with area alarms for combined control and monitoring.

All models support alarm sensor integration for improved visibility, accessibility, and NFPA 99 compliance.



V Series Horizontal



VZ Series Vertical



ZT Series Integra
Combo Alarm/Zone Valve Box

Medical Gas Manifolds



GlobalVac & Air GeneSYS® Touch Automatic Medical Gas Manifold System by Tri-Tech Medical delivers reliable, user-focused medical gas management for demanding healthcare environments.

The system features a 10.1-inch high-resolution touchscreen with real-time visibility into line pressure, bank pressures, changeover pressures, color-coded system status, alarms, errors, and historical data for simplified vessel and cylinder management.

Key Features Include:

Advanced Sensing Technology: Pressure transducers provide $\pm 1\%$ accuracy versus $\pm 5\text{-}10\%$ with traditional pressure switches, with immediate alarm activation if a transducer fails

Fully Automatic Operation: Eliminates the need to reset valves or levers, ensuring uninterrupted performance in critical care settings

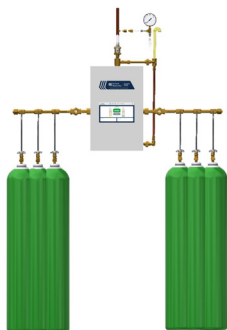
High-Performance Components: Solenoid valves rated up to 400 PSIG pressure differential

Service-Friendly Design: 2D layout with union fittings before and after serviceable components for simplified maintenance

Built-In Connectivity: Integrated Ethernet, Wi-Fi, web server interface, and optional BacNet for remote monitoring and management

Economizer Software: Proprietary software maximizes liquid usage before a vessel is deemed empty, reducing waste and operating costs

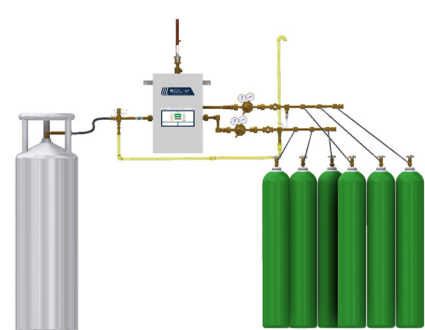
Available Series Configurations:



Cylinder by Cylinder (TCC)



Liquid by Liquid (TLL)



Liquid by Cylinder (TPL, TPR)



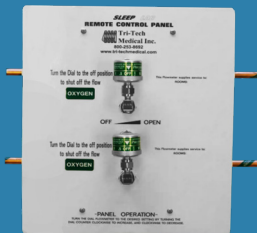
Gas Control Panel

Regulates the pressure of medical gases, such as nitrogen, carbon dioxide, and instrument air from 0-200 psi.



Hyperbaric Chamber Service Box

Aesthetic and convenient way of connecting hyperbaric chambers to a piped medical gas system.



Sleep Lab Panel

Sleep Lab Oxygen Control Panels allow patient oxygen levels to be adjusted from the control room.



Emergency Oxygen Supply Connection

EOSC boxes can be ordered as recessed or surface mount with a 1" or 2" valve. All models provided with a labeled 8-circuit terminal block.



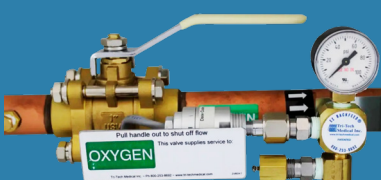
Hose Assemblies

Configurations for all medical gas connections along with accessories such as retractors and 90-degree swivel adapters.



Medical Gas Ball Valves

Medical gas ball valves control the flow of medical gases in healthcare facilities.



EZ Backfeed

Provides temporary supply of medical gases to a hospital or other healthcare facilities in the event of a disruption in the main supply.

GVA Medical Compressed Air & Vacuum Systems

GlobalVac & Air's Medical Compressed Air and Vacuum Systems are built to deliver dependable performance, energy efficiency, and long-term reliability.

Manufactured to meet NFPA 99 requirements, our complete line of systems is designed to support hospitals, surgical centers, and other critical care facilities.

Medical Vacuum Systems

- Rotary Claw Vacuum Systems
- Lubricated Rotary Vane Systems
- Oil-less Rotary Vane Systems
- Water Sealed Liquid Ring Systems



Medical Scroll Air Compressors

- Duplex Stack
- Triplex Stack
- Quadruplex Stack
- Pentaplex Stack
- Hexaplex Stack





Since 1990, GlobalVac & Air, formerly GlobalVac, has built a reputation for providing superior products at competitive prices. We have prided ourselves on our quality vacuum pump and compressed air systems that work in a multitude of applications across various industries. GVA designs and builds systems of various configurations including tank mount systems, as well as challenging installations where standard system designs aren't acceptable.



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