

POWEREX[®]
MEDICAL



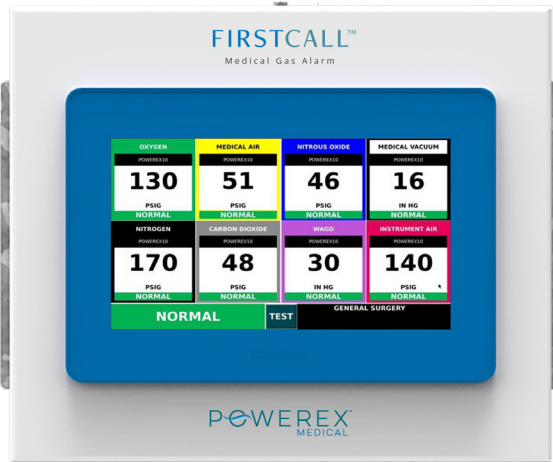
| Medical Gas Pipeline



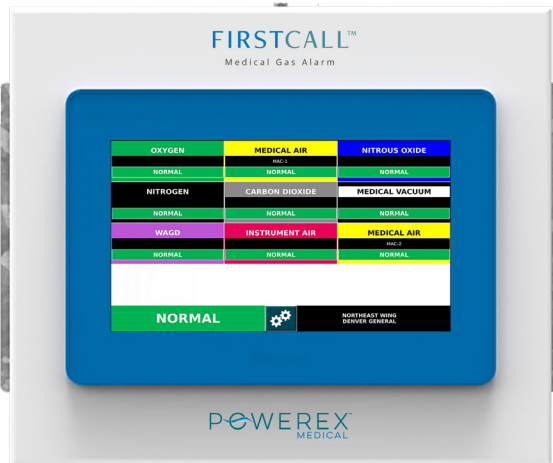
Designed &
Manufactured
in the USA

with U.S. and Imported Components

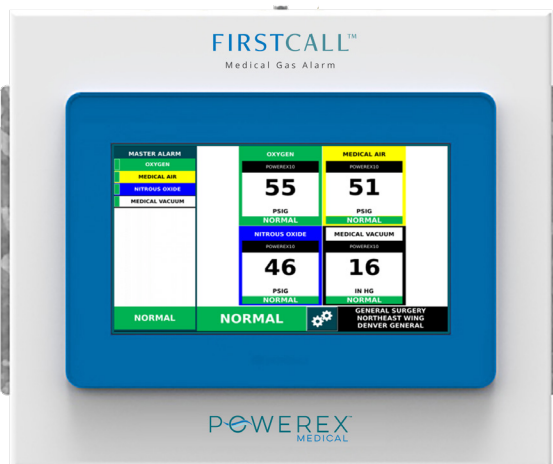
FirstCall™ Medical Gas Alarm



Area Alarm system



Master Alarm system



Combo Alarm system

The Powerex FirstCall™ medical gas alarm systems digitally display gas pressure, monitor and display normal and alarm conditions from up to 55 remote medical gas source signals, and up to 8 medical gases.

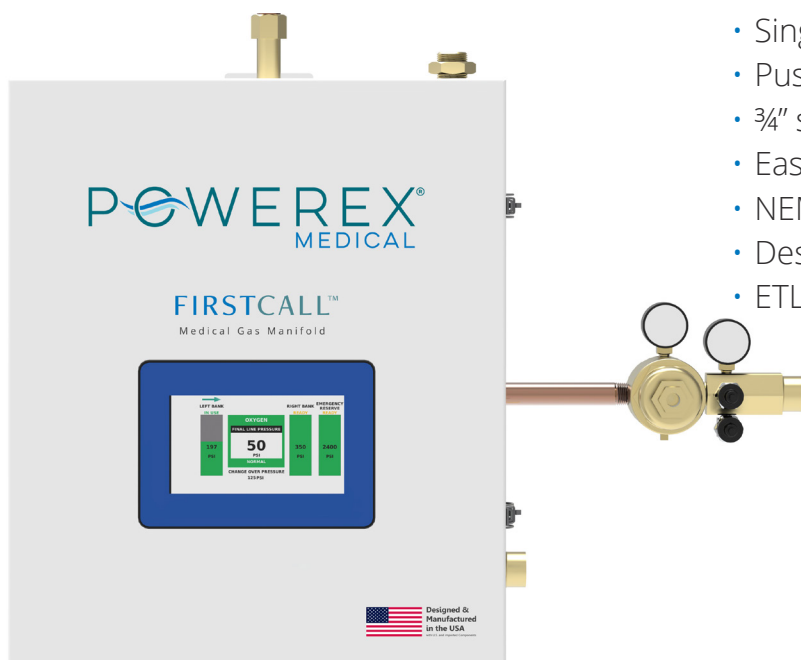
- Best-in-class medical gas alarm system
- Full, high-resolution touchscreen HMI
 - 10" and 7" screens available
- BACnet over IP available in all models
- Customizable alarm instructions
- Compact, space-saving design
- Optional digital outputs
- Easy to connect terminal blocks
- Intuitive, time-saving setup
- Automatically set high/low settings to +/-20% – industry first
- TEST button
 - Displays high/low settings
- Maintenance Mode
 - Disables alarm for 15 minutes
- Transducers may be installed in back box or remotely up to 5,000 ft
- Event history log accessible at the screen
- Designed and manufactured in the USA
- ETL Listed to UL 1069
- Retrofit kits available to upgrade existing alarm panels



FirstCall™ Medical Gas Manifold



Cylinder x Cylinder Manifold

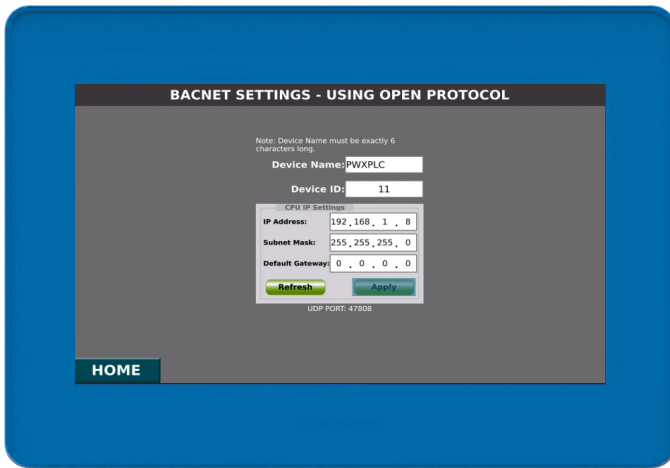


Liquid x Liquid Manifold

The Powerex FirstCall™ digital fully-automatic medical gas manifolds deliver an uninterrupted supply of medical gas to a facility. The manifold is cleaned, tested, and prepared for the intended medical gas service. It is constructed in accordance with requirements of the latest edition of NFPA 99 and CGA.

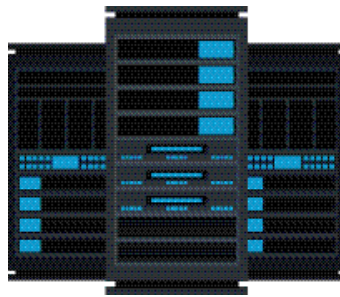
- Industry-leading flow capacity
- Full, high-resolution 7" touchscreen HMI
 - Graphically displays bank pressure, primary/secondary bank status, emergency reserve bank status (liquid only), final line pressure, changeover set point, and alarm status
- System logic controlled by next generation PLC technology
- BACnet over IP available in all models
- Maintenance Mode
 - Disables alarm for 15 minutes
- Final line sensor/switch included
- Robust changeover design using dome-loaded primary regulators controlled by dual solenoids
- Robust piston-style final line regulator
- Removable cabinet enclosure for improved service access
- Single point vent connection
- Push-button bank changeover
- ¾" source valve included
- Easy mounting bracket system
- NEMA 4 enclosure optional
- Designed and manufactured in the USA
- ETL Listed to UL 61010

BACnet



Available in every alarm & manifold panel.

- Seamlessly connect to your building management system via Ethernet using BACnet over IP protocol
- Centrally monitor medical gas equipment, along with all other facility equipment



Building Automation System

BACnet
over IP



Universal Medical Gas Outlets



The new Powerex universal medical gas outlets are fully interchangeable with all the most common rough-in designs of the same gas service, allowing quick and easy conversion from one connection style to another.

- Compatible with all the most common rough-in designs
- High flow rates with minimal pressure drop
- 360° swivel inlet tube
- Durable NFPA 99 color-coded gas identification
- Outlet repair kits available
- Connection types:
 - Ohmeda
 - Chemetron
 - DISS
 - Puritan Bennett
- Mounting types:
 - Wall
 - Ceiling
 - Console

Outlet configuration options



Ohmeda Connection



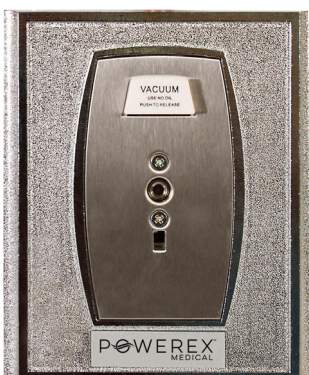
Chemetron Connection with optional grey trim plate



DISS Connection



Puritan Bennett Connection



Chemetron® compatible 500 Series outlets



Chemetron® compatible outlets

The Powerex 500 Series equivalent quick connect outlets are dimensionally identical and compatible with the Allied Chemetron® 500 series outlets.

Zone Valve Boxes

Key Features

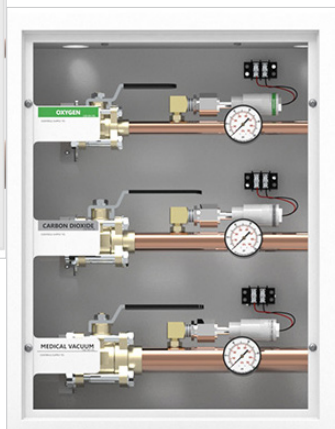
- Forged brass, three piece in-line repairable full port ball valves
- Type K copper extensions and locking handles
- Working pressure of 600 psi (29 in/Hg vacuum)
- Plastic insulators to prevent galvanic corrosion
- Meets all NFPA 99 requirements

Powerex offers an optional sensing kit so the transducer can be remotely mounted in the box. It provides an easy-to-locate and test location for transducers, and a safe, fast method for backfeeding medical gases without shutting down the gas supply or disrupting patients.

Horizontal



3-valve Zone Valve Box



3-valve Zone Valve Box
with Sensing Kit

Vertical



3-valve Vertical Zone Valve Box



3-valve Vertical Zone Valve
Box

Powerex Horizontal Zone Valve Boxes are configured to maximize wall space and can include up to 7 ball valves per box. Valve sizes range from 1/2" to 3".

Powerex Vertical Zone Valve Boxes are configured to maximize wall space and can include up to 4 ball valves per box. Valve sizes range from 1/2" to 1".

Alarm Zone Valve Box

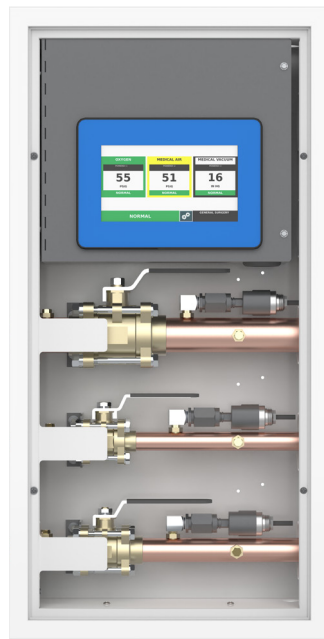
Key Features

- Designed and manufactured in the USA to meet NFPA 99 standards
- Convenient single unit saves space and installation time
- 7" high-resolution touchscreen HMI for intuitive operation
- Pre-programmed standard settings for medical gas inputs
- Real-time pressure display via gas-specific DISS transducers (included)
- Hinged electronics enclosure door for easy assembly and maintenance

Horizontal



3-valve Zone Valve Box

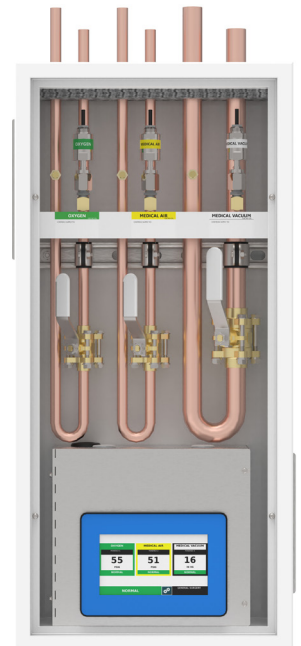


3-valve Zone Valve Box
with Sensing Kit

Vertical



3-valve Vertical Zone Valve Box



3-valve Vertical Zone Valve
Box

Ball Valves



Powerex valves are three-piece, ball type design available in sizes 1/2" to 4". They have brazed Type K copper extensions, Dual 1/8" brass NPT ports, and meet all NFPA 99 and CGA requirements.

- Forged brass, three-piece in-line repairable full port ball valves
- Blow-out proof stem design
- Working pressure of 600 psi (29 in/Hg vacuum)
- Dual 1/8" brass NPT ports on valves
 - Improved, easier-to-remove gauge port plugs
- Cleaned for oxygen service
- Type K copper extensions

Additional Pipeline Products



Emergency Oxygen Supply Connection

Powerex offers a full line of additional pipeline products, including:

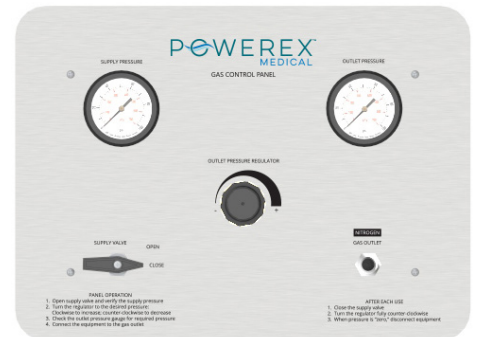
- Emergency Oxygen Supply Connection Boxes
- Gas control panels – N2, CO2, Instrument Air
- Check Valves & Relief Valves
- Butterfly Valves
- Pressure Switches and Gauges
- Medical Gas Hoses



Check Valve



Pressure Switch Assembly



Gas Control Panel

Industry-leading Warranty

We stand by our products, so our pipeline products have the best warranty on the market —

5 years for parts / 2 years for labor



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MEDICAL

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