

# Medical Gas Pipeline





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Amico Corporation, founded in 1974, is a leading manufacturer of Medical Equipment. With a track record of exceeding expectations, we are dedicated to developing and manufacturing the most advanced medical equipment for the global Health Care Industry.

Amico designs, manufactures and markets a broad range of medical gas equipment to the global health care industry. Our products, manufactured in six facilities in the U.S. and Canada, are primarily centered around the delivery of medical gases to the patient. We pride ourselves in providing the most technologically advanced products in the marketplace, such as LCD screens on our Alarms, an Ethernet App to monitor your alarms on your cell phone, Dual Outlets to save wall space, and Retro-fit products to update your medgas products, at a very cost-effective price. Amico is ISO certified and the Amico products are U.L. listed and meet and exceed NFPA and CSA standards.



Pipeline



Architectural



Accessories



Source



ICU Booms



Patient Care



Beds



Lights



OR



Diagnostic



SOT



Interiors



Patient Lift

Amico Group of Companies - One Point of Contact. One Total Solution.

# Alarm Systems

Amico Alarms have been designed to provide your facility with the most efficient and reliable monitoring system available in the medical industry.

- The **Alert-3 LCD Area Alarm** was the first medical gas alarm to integrate a 10" (25.4 cm) LCD screen using new tablet technology. It can monitor up to 8 medical gases using digital sensors, in a small foot print. The Alarm can be customized with two lines of text per gas.



Alert-3 LCD Area Alarm

- The **Alert-4 LCD Ethernet Area Alarm** provides real time data reporting to a cell phone. An exact image of the alarm is displayed on the cell phone. Medical gases can also be monitored using the facility's intranet with Internet Explorer, Chrome or Safari. In addition, the Alarm can be programmed to send out an email or text message to 5 different users, in the event of an alarm condition. Events are stored for analysis and reporting.



Alert-4 LCD Ethernet Area Alarm



Cell Phone

- The **Alert-4 LCD Ethernet Master Alarm** provides real time data reporting to a cell phone. An exact image of the alarm is displayed on the cell phone. Fault conditions can be monitored using the facility's intranet with Internet Explorer, Chrome or Safari. In addition, the Alarm can be programmed to send out an email or text message to 5 different users, in the event of an alarm condition. Events are stored for analysis and reporting.



Alert-4 LCD Ethernet Master Alarm



Cell Phone

# Medical Gas Outlets

## Outlet Flowmeter Combo

The Amico Medical Gas Outlet is a critical piece of equipment in the medical gas distribution system. Our commitment to quality and reliability reaches every component that makes up the Amico Medical Gas Outlet. Each unit is 100% tested and arrives ready to provide years of trouble-free service.

- The full color fascia design (NFPA or ISO colors) will provide easy gas identification during critical moments.
- The outlet is available in different connection types:
  - Ohmeda
  - Chemetron
  - DISS
  - Oxequip
  - Puritan Bennett
  - British Standard
- Available for various mounting styles:
  - Walls
  - Ceilings
  - Headwalls
  - Ceiling Columns
  - Consoles
- The Dual Outlet has been designed to make outlets more efficient by building the flowmeter into the outlet body, thereby saving wall space. The outlet can retro-fit most existing outlets, freeing up other outlets that have flowmeters attached. The Dual Outlet comes in any combination of Ohmeda, Chemetron or DISS connection styles. The Dual Outlet exceeds the regulatory flow requirements of NFPA. The Dual Outlet is also ideal for retro-fitting old facilities that have an insufficient number of outlets.



Dual Outlet with Built-in Flowmeter and Chemetron Connection



Dual Outlet with Built-in Flowmeter and Chemetron Connection

## Single Outlet Configurations



Ohmeda



Chemetron



DISS



Puritan Bennett



Compact Outlet



British Standard

# Manifolds



Digital Dome Loaded Automatic Manifold



Dome Loaded Automatic Manifold

Amico's Medical Gas Manifolds regulate and monitor gas cylinder pressure to provide continuous and uninterrupted gas flow to the facility.

- Very high flow with specially designed, very efficient internal regulators
- Available in analog or digital display
- Operates normally even after the loss of electrical power
- Options include heaters and NEMA-4 cabinet
- Input power of 110 VAC to 240 VAC, 50 Hz to 60 Hz
- The manifold has a modular design to facilitate service



Dome Loaded LCD Ethernet Manifold



Simplex Manifold

# Zone Indicator Panel Assembly

Amico's Isolation Valves and Zone Indicator Panels have been designed to facilitate installation and maintenance.

- **Alarm Valve Combo** units combine an Indicator Panel and an Area Alarm to reduce cost and wall space. 2 products in 1 box. The alarm sensors are positioned to be easily serviceable.
- **Zone Indicator Panel Assemblies** are available for up to 8 isolation valves, ranging in size from ½" to 3" (1.27 cm to 7.62 cm).
- **Sensor Indicator Panel Combo** units easily access the alarm sensors right in the Zone Indicator Panel. By adding a provision port for Area Alarm sensors, time and money are saved during installation, maintenance and inspection.



Sensor Indicator Panel Combo



Alarm Valve Combo



Zone Indicator Panel Assembly

## Valves

- 3-piece ball type design for ease of maintenance
- Available in locking or non-locking version
- Swing-out design to prevent damage during brazing operation
- 100% factory tested



Isolation Ball Valves with Extension

# Gas Control Panels

Amico Gas Control Panels are used to power surgical tools in operating rooms.

- The Gas Control Panel can be used with Nitrogen or Instrument Air
- The Gas Control Panel contains inlet and outlet supply pressure gauges
- The Gas Control Panel has an adjustable bracket to provide adaptability to different wall thicknesses during installation
- Gas Control Panel Retro-Fit conversions are available for Ohmeda, Puritan Bennett and Chemetron models



Gas Control Panel

# Emergency Oxygen Inlet Stations

Amico Emergency Oxygen Inlet Stations provide a temporary, auxiliary source inlet connection for emergency or maintenance situations.

- Lockable, weather-tight enclosure for mounting outside
- Gauge for display of supply pressure
- Box available in recessed or surface mount



Emergency Oxygen Inlet Station

# Retro-Fit Conversions

Amico Retro-Fit products allow the facility to update and convert its old equipment in minutes without requiring a recertification of the facility. This can be done without breaking into the pipeline or cutting into the existing wall. Amico's retro-fits are designed to use the existing rough-in of the previous product, allowing you to maintain the original configuration and provide additional functionality.

## Diamond 2 & 3 Outlets to Amico Retro-Fit Outlets



Old Outlet



New Outlet

OR



New Dual Outlet with Flowmeter

## LCD Alarm Retro-Fit



Old Alarm



New Alarm

## Gas Control Panel Retro-Fit



Old Gas Control Panel



New Gas Control Panel

# Medical Vacuum Systems



Designed and built to the highest standards, Amico's Medical Vacuum and WAGD systems are able to deliver superior performance and efficiency for the most severe of applications. With features like fully custom configurations and easy to service, modular construction, the Amico Vacuum line is ideally suited to the demands of the modern medical facility.

With thousands of installations around the globe, Amico is committed to producing the most reliable Medical Vacuum package available for any market.

Vibration reduction features include shock absorbing support pads for the vacuums as well as shock absorbing footpads.



Shock Absorbing Footpads

V-RVL-D-120P-SS-N-100  
Duplex 10 hp Lubricated Rotary Vane Medical Vacuum

All systems are customized to meet your needs from Simplex to Octuplex and more in the following technologies:

- Lubricated Rotary Vane
- Dry Rotary Vane
- Contact-less Claw
- Liquid Ring – Water Sealed
- Rotary Screw
- Ethernet Connectivity available as an option
- User-friendly Touch Screen HMI Controls



3D Drawings Are Available

# Medical Air Systems



Amico is dedicated to designing and manufacturing Medical Air Systems for use in healthcare facilities with a focus on quality and reliability. We offer the latest in Oil-Less Compressor technologies for the medical field.

We ship Medical Air and Vacuum Systems globally, so whether you need a package compliant with NFPA 99 or any other international medical gas standard, we are always here to help. Vibration reduction features include shock absorbing support pads for the compressors as well as shock absorbing footpads.

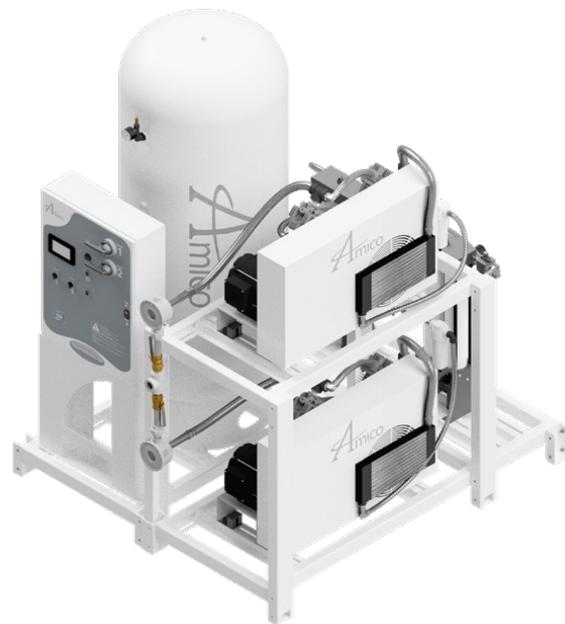


Shock Absorbing Support Pads

A-SCD-D-200P-SS-N-200  
Duplex 20 hp A-Frame Scroll Medical Air System

All systems are customized to meet your needs from Simplex to Octuplex and more in the following technologies:

- Oil-less Reciprocating
- Oil-less Scroll
- Desiccant Dryers
- Oil-free Rotary Screw
- Lubricated Rotary Screw
- Ethernet Connectivity available as an option
- User-friendly Touch Screen HMI Controls



3D Drawings Are Available



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