

Features and Benefits

- Backwards compatibility with Chemetron® 500 Series outlets
- Safety keyed to help prevent cross-connections
- Conforms to NFPA 99 and CGA standards
- Built-in push-button latch release mechanism
- Modular design
- Metal rough-in assembly
- Cleaned for oxygen service
- UL listed

General

The Powerex CHEM500 outlet stations provide convenient access to medical gases in patient care locations. They are fully compatible with Chemetron® style latch-keyed adapters, and are dimensionally the same as Chemetron® 500 Series outlets with component compatibility.

The outlets are field-gangable in any order desired by the facility. Outlet finish plates and rough-in plates are pin indexed using steel pins for positive cross-connection prevention. Primary valves are separate from the finish plate, allowing easy testing for leaks and cross connection. Primary valves are made of brass and contain a chrome-plated self-sealing poppet. Primary valves are field adjustable to compensate for variations in plaster thickness of 1/2" to 3/4". Extended valve bodies that allow for an additional 3/8" or 3/4" adjustment are available.

The type K copper inlet tube has a 1/2" OD connection, and can rotate 360 degrees. The primary gas check can be serviced without shutting off the gas supply.

The outlet stations are fully compliant with NFPA 99, UL Listed, and are cleaned for oxygen service in accordance with CGA G-4.1. Finish plates are chrome-plated die cast metal, and rough-in is metal. Gas identification is provided by a plastic insert, color-coded by gas service, per NFPA and CGA.

The latch release is color-coded and labeled for the gas service. Release is easily accomplished with one hand using a push button release. The primary valve poppet provides a dust-proof seal. Vacuum outlets may be used with or without slide brackets for vacuum collection bottles of up to 1/2-gallon capacity. (Where slide brackets are used, order one per vacuum outlet).



Powerex CHEM500 Outlet Specification

Chemetron® 500 Series Equivalent Outlet



Ordering Information

Outlets	
Gas Service	Part Number
Oxygen	PX-CHEM500-O2
Medical Air	PX-CHEM500-MA
Medical Vacuum	PX-CHEM500-MV
Nitrous Oxide	PX-CHEM500-N2O
WAGD	PX-CHEM500-WAGD
Carbon Dioxide	PX-CHEM500-CO2
Slide	PX-CHEMSLIDE

Extended Valve Bodies		
Service	Extension	Part Number
Gas	3/8" ext	PX-CYL-PRES-EXT375
	3/4" ext	PX-CYL-PRES-EXT750
Vacuum	3/8" ext	PX-CYL-VAC-EXT375
	3/4" ext	PX-CYL-VAC-EXT750

Dimensions

