

Submittal Data Sheet

Features

The Frontall™ DISS medical gas recessed outlets represent the most technically advanced means of providing medical gas connections to the central piping system. The outlets incorporate a unique patented front-loaded feature which makes the Powerex outlets easy to repair, saving valuable time and money for the health care facility.

- UL Listed to UL 1331 and CSA Z9170-1.
- Conforms to NFPA 99 and CGA standards.
- Accepts DISS gas specific nut & nipple adapters.
- Ease of maintenance without removing the faceplate using a cartridge insertion tool.
- Compensates for variation in wall thickness from ½" to 1 ¼".
- Modular design.
- All outlets are 100% tested for flow and leaks.
- Nameplate color coding per NFPA 99.
- 5" centers.
- 360° swivel inlet tube.
- Metal back and nameplate.
- Strength of connections provides support for dispensing equipment without the use of additional brackets.
- Made in the USA.

Specification

The medical gas wall outlets shall be Powerex Frontall™ DISS medical gas outlets. The outlets shall be modular singles, and shall incorporate nameplate color-coding in accordance with NFPA 99. The single modular outlets shall be of a design that provides for ganging of rough-in plates in the field to form multiples. The gas services shall be sequentially arranged and located as shown on the plans with a minimum centerline spacing of 5 inches (12.5 cm) between outlets.

The medical gas outlets shall be designed so that, once installed, routine service of both the primary and secondary check valves can be accomplished without removing the nameplate or gas specific portions. The primary check valve shall be unitized and of the cartridge type. To allow the primary check valve to be removed for service without shutting off the gas supply to the outlet, the secondary check valve shall operate automatically to stop the free flow of the positive pressure gas. There shall be no secondary check for vacuum or WAGD services. Medical gas outlets which require the removal of the nameplate or gas specific components for routine service shall not be acceptable.



Part Number PX-XF1124A shown

The seal between the nameplate and the rough-in shall be a double O-ring which is serviceable without shutting off the gas service and is capable of supporting 10 pounds at 2 inches from the nameplate without leaking.

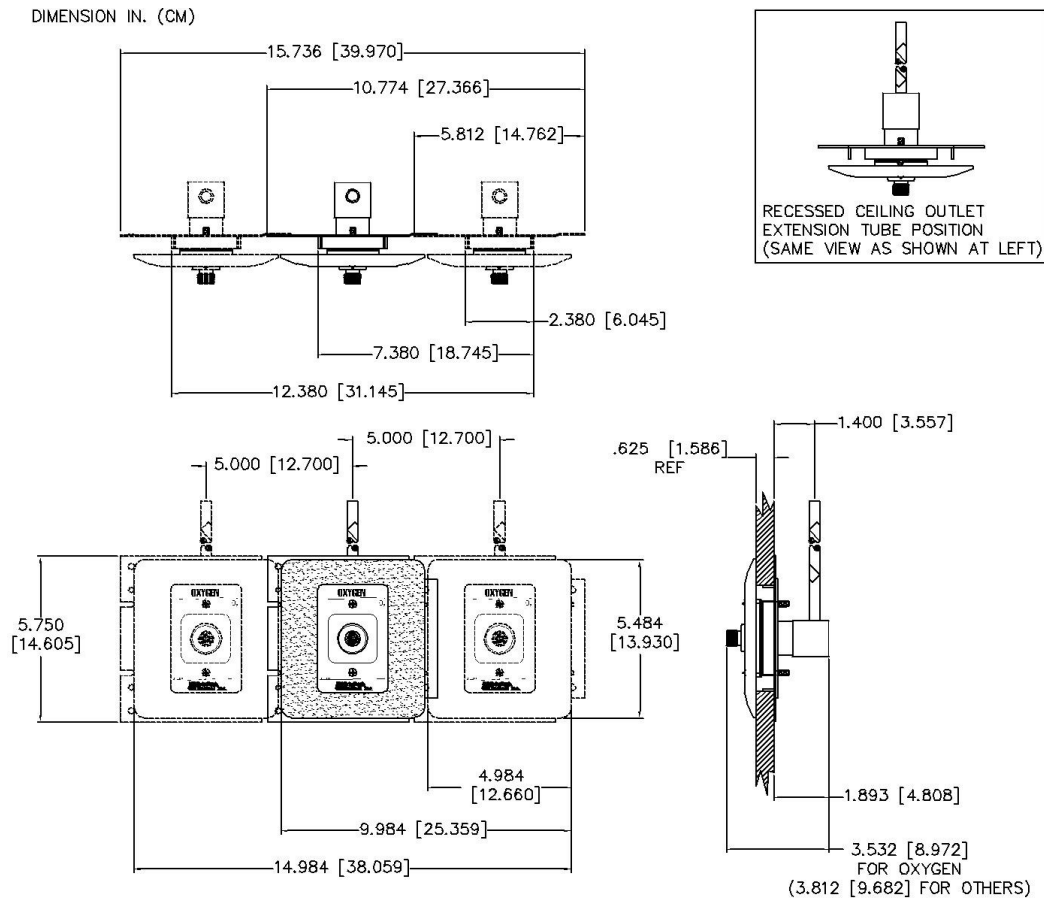
The outlet nameplate shall be permanently color-coded with a durable scratch resistant and protective label. The outlet trim plate shall be durable plastic, attached with the nameplate to the rough-in assembly, and provide automatic plaster adjustment from ½ to 1 ¼ of an inch (1.3 cm to 3 cm). The name of the gas service shall be permanently marked on the outlet bracket and the chrome plated brass outlet body. The outlet's rough-in supply tube shall be a 7 inch (18 cm) length of ½ OD copper Type K, and labeled with the name of the gas service.

Medical gas outlets shall be cleaned for oxygen service in accordance with the current Compressed Gas Association (CGA) Pamphlet G-4.1, capped and placed in a protective container for shipment. The outlets shall be installed in strict accordance with manufacturer's instructions, and tested before use in conformance with local and federal codes.

MRI compatible models are available (See ordering information chart) and are made with non-ferrous materials.



Layout



Ordering Information

Standard Recessed Outlets Complete - with the plastic white trim plate

| Gas Service | Recessed Complete | | MRI Compatible | |
|----------------|-------------------|-------------|------------------|------------------|
| | Wall | Ceiling | Wall | Ceiling |
| Nitrous Oxide | PX-XF1104 | PX-XF1204 | *PX-XF1104-MRI | *PX-XF1204-MRI |
| Carbon Dioxide | PX-XF1108 | PX-XF1208 | *PX-XF1108-MRI | *PX-XF1208-MRI |
| Nitrogen | PX-XF1112 | PX-XF1212 | *PX-XF1112-MRI | *PX-XF1212-MRI |
| Medical Air | PX-XF1116 | PX-XF1216 | PX-XF1116-MRI | PX-XF1216-MRI |
| Medical Vacuum | PX-XF1122 | PX-XF1222 | PX-XF1122-MRI | PX-XF1222-MRI |
| Oxygen | PX-XF1124A | PX-XF1224A | PX-XF1124A-MRI | PX-XF1224A-MRI |
| WAGD | PX-XF1132 | PX-XF1232 | *PX-XF1132-MRI | *PX-XF1232-MRI |
| Instrument Air | PX-XF112080 | PX-XF122080 | *PX-XF112080-MRI | *PX-XF122080-MRI |
| Slide | PX-XF1144 | N/A | *PX-XF1144-MRI | N/A |

*Indicates that these are **NOT** UL Listed outlets

To place an order or request additional information call toll-free 1-888-769-7979, fax us at 1-513-367-3125, or email us at order@powerexinc.com. Please visit our website at www.powerexinc.com.

If ordering die cast trim plates for wall outlets you need back bodies and faceplates ordered separately

| Gas Service | Back Body ½ Tube Size Wall | MRI Compatible Wall | Outlet Faceplate | MRI Compatible | Trim Plate Die Cast White | Trim Plate Die Cast Pewter |
|----------------|----------------------------------|---------------------|------------------|--------------------|---------------------------------|----------------------------------|
| Nitrous Oxide | PX-XC1104-A | *PX-XC1104-A-MRI | PX-XF1004-A | *PX-XF1004-A-MRI | PX-XC1100-9DC | PX-XC1100-9DCP |
| Carbon Dioxide | PX-XC1108-A | *PX-XC1108-A-MRI | PX-XF1008-A | *PX-XF1008-A-MRI | | |
| Nitrogen | PX-XC1112-A | *PX-XC1112-A-MRI | PX-XF1012-A | *PX-XF1012-A-MRI | | |
| Medical Air | PX-XC1116-A | PX-XC1116-A-MRI | PX-XF1016-A | PX-XF1016-A-MRI | | |
| Medical Vacuum | PX-XC1122-A | PX-XC1122-A-MRI | PX-XF1022-A | PX-XF1022-A-MRI | | |
| Oxygen | PX-XC1124-A | PX-XC1124-A-MRI | PX-XF1024-A | PX-XF1024-A-MRI | | |
| WAGD | PX-XC1132-A | *PX-XC1132-A-MRI | PX-XF1032-A | *PX-XF1032-A-MRI | | |
| Instrument Air | PX-XC112080-A | *PX-XC112080-A-MRI | PX-XF102080-A | *PX-XF102080-A-MRI | | |

| Slide | Die Cast Pewter | Pewter MRI Compatible | Die Cast White | Die Cast MRI Compatible |
|-------|-----------------|-----------------------|----------------|-------------------------|
| | PX-XF1145 | *PX-XF1145-MRI | PX-XF1146 | PX-XF1146-MRI |

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If ordering die cast trim plates for ceiling outlets you need back bodies and faceplates ordered separately

| Gas Service | Back Body ½ Tube Size Ceiling | MRI Compatible Ceiling | Outlet Faceplate | MRI Compatible | Trim Plate Die Cast White | Trim Plate Die Cast Pewter |
|----------------|-------------------------------------|---------------------------|------------------|--------------------|---------------------------------|----------------------------------|
| Nitrous Oxide | PX-XC1204-A | *PX-XC1204-A-MRI | PX-XF1004-A | *PX-XF1004-A-MRI | PX-XC1100-9DC | PX-XC1100-9DCP |
| Carbon Dioxide | PX-XC1208-A | *PX-XC1208-A-MRI | PX-XF1008-A | *PX-XF1008-A-MRI | | |
| Nitrogen | PX-XC1212-A | *PX-XC1212-A-MRI | PX-XF1012-A | *PX-XF1012-A-MRI | | |
| Medical Air | PX-XC1216-A | PX-XC1216-A-MRI | PX-XF1016-A | PX-XF1016-A-MRI | | |
| Medical Vacuum | PX-XC1222-A | PX-XC1222-A-MRI | PX-XF1022-A | PX-XF1022-A-MRI | | |
| Oxygen | PX-XC1224-A | PX-XC1224-A-MRI | PX-XF1024-A | PX-XF1024-A-MRI | | |
| WAGD | PX-XC1232-A | *PX-XC1232-A-MRI | PX-XF1032-A | *PX-XF1032-A-MRI | | |
| Instrument Air | PX-XC122080-A | *PX-XC122080-A-MRI | PX-XF102080-A | *PX-XF102080-A-MRI | | |

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