



General

The medical gas outlets shall be Powerex DISS medical gas outlets. Medical gas outlet(s) shall be manufactured in an ISO 9001 facility. Wall outlet shall be designed for concealed piping installation and available for services indicated.

Complete outlet shall be delivered to the customer in a gas specific rough-in assembly, a matching gas specific latch valve assembly, both cleaned for oxygen use and in a sealed package, and a trim plate. All assemblies shall be 100% tested for leaks, manufactured to comply with the latest edition of NFPA 99, and UL Listed.

Latch Valve Assembly

The latch valve assembly shall be DISS style and accept only gas specific DISS type adapters. Each latch valve assembly shall be color-coded for ease of gas identification per NFPA 99 standards. Latch valve assemblies shall have gas specific pin indexing corresponding to the rough-in assembly to prevent interchangeability of gas services and shall adjust up to 1" for variations in wall thickness.

Materials used in latch valve assembly: aluminum, zinc alloy, ABS plastic, steel/brass+plating, stainless

steel, brass, neoprene, rubber.

Rough-in Assembly

Universal rough-in assembly shall include the wall rough-in plate (16 ga.) with inlet tubing silver brazed to the outlet body. Inlet tubing shall be type "K" copper, 1/2" (12.7 mm) OD, extend 6-1/2 inches (165 mm), and swivel 360° for ease of installation for wall outlets. For ceiling outlets, inlet tubing is in line with the DISS fitting or 180 degrees. Rough-in assembly shall accept only the specified gas service by use of indexes. Rough-in assembly shall be of modular design to permit on-site ganging of multiple outlets with assurance of accurate alignment and providing 5" centerline spacing. A dust plug and cover shall be provided to protect rough-in assembly from contamination during handling and installation at the job site. Materials used in rough-in assembly: stainless steel, ABS plastic.

Rough-in assemblies shall accept any latch valve assembly of the same gas service. The latch valve assembly shall be interchangeable, allowing conversion from one connection style to another without shutting down the medical gas system.

All positive pressure gas outlets shall have a primary and secondary check valve, where the secondary valve in the rough-in assembly allows servicing of the latch valve assembly without having to disrupt gas service to the outlet.

Trim Plate

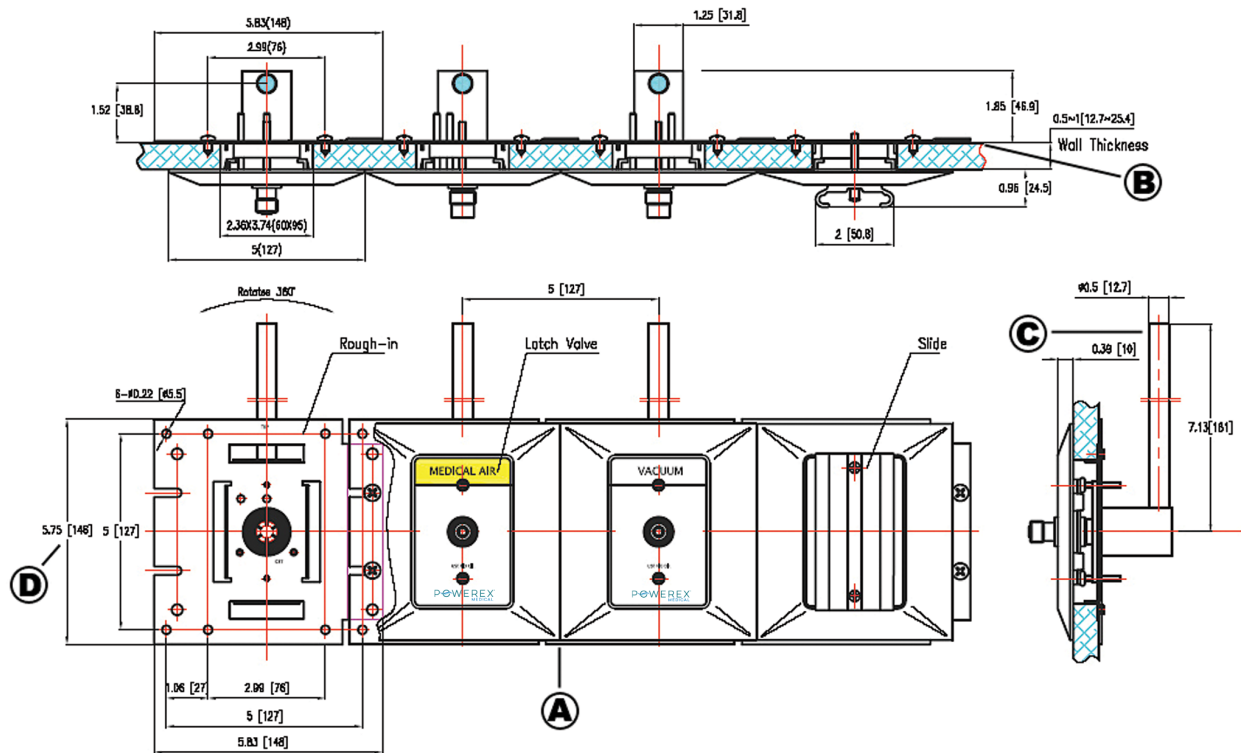
The standard trim plate provided with the outlet shall be cast aluminum, powder coated chrome, and shall attach with the latch valve assembly to the rough-in assembly. Alternate trim plate of cast aluminum, powder coated grey, shall be available upon request.

Ordering Information

Gas Service	Wall Outlet
Oxygen	OLET-WALL-DISS-O2
Medical Air	OLET-WALL-DISS-AIR
Medical Vacuum	OLET-WALL-DISS-VAC
Nitrous Oxide	OLET-WALL-DISS-N2O
WAGD	OLET-WALL-DISS-WAGD
Carbon Dioxide	OLET-WALL-DISS-CO2
Nitrogen	OLET-WALL-DISS-N2
Instrument Air	OLET-WALL-DISS-INST

Additional Options	Part Number
Slide	OLET-SLIDE
Alternate Trim Plate	TRIM-GREY

Dimensions



Notes

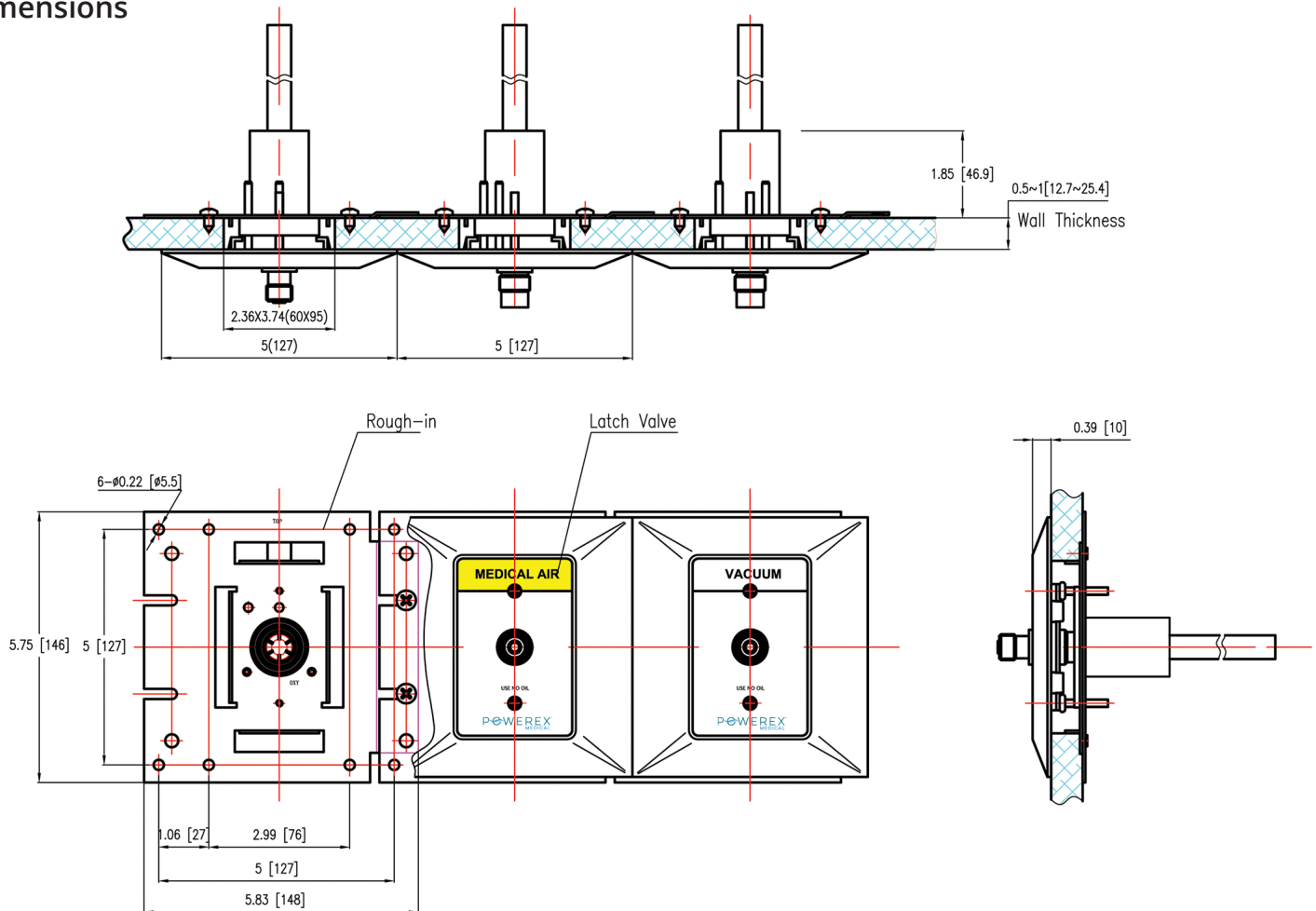
1. Inch (mm)
2. Additional support needed if ganging more than 3 outlets
3. Wall thickness may vary from 1/2" to 1" (12.7 mm to 25.4 mm)
4. 90 degree 1/2" O.D. (3/8" Nominal) type K cooper inlet tube

Ordering Information

Gas Service	Ceiling Outlet
Oxygen	OLET-CEIL-DISS-O2
Medical Air	OLET-CEIL-DISS-AIR
Medical Vacuum	OLET-CEIL-DISS-VAC
Nitrous Oxide	OLET-CEIL-DISS-N2O
WAGD	OLET-CEIL-DISS-WAGD
Carbon Dioxide	OLET-CEIL-DISS-CO2
Nitrogen	OLET-CEIL-DISS-N2
Instrument Air	OLET-CEIL-DISS-INST

Additional Options	Part Number
Alternate Trim Plate	TRIM-GREY

Dimensions



Notes

1. Inch (mm)
2. Additional support needed if ganging more than 3 outlets
3. Wall thickness may vary from 1/2" to 1" (12.7 mm to 25.4 mm)
4. 180 degree 1/2" O.D. (3/8" Nominal) type K copper inlet tube