

Gemini Quick Connect and DISS Medical Gas Outlets Wall/Ceiling and Console Styles

SPECIFICATION

General

Gemini Medical gas outlets are designed to be interchangeable with Ohio[®]/Ohmeda[®]/MedæS[®] Diamond II[®] and Diamond III[®] medical gas outlets and accept only Diamond style pin indexed adapters.

Outlets are fully compliant with the latest edition of NFPA 99 and are 100% tested for leaks. Outlets are cleaned for oxygen service.

A complete outlet consists of a rough in, permanently installed in the wall, ceiling, or manufactured assembly and a matching gas specific finish assembly. Wall and ceiling outlet dress plates are integral to the finish assembly. Console style outlets do not include dress plate (supplied by manufactured assembly manufacturer).

Rough In Assembly

Outlets are fixed to building structure via a die cast mounting plate with mounting flanges on all four sides, which interlock and are attached with 10-24 hex head screws to form single unit for installation. A 1/2" (13 mm) raised plaster flange is provided.

The rough in includes a brass secondary check mounted to the die cast plate. The secondary check consists of a

single integral neoprene seal serviceable from the front, brass valve body and internal stainless steel (vacuum) or phosphor bronze (pressure gases) spring. A 7" (178 mm) inlet tube is silver brazed to the brass check body. Inlet tube rotates 360° with or without the finish installed to simplify installation. Free rotation is restrained for positioning during installation.

Finish Assembly

Outlet finish assemblies are a single unit keyed for gas specificity with a non-removable pin to a corresponding hole in the rough-in. Gas identification is by means of a color coded circular keying disk and by a color coded identification label which is physically part of the latch mechanism. Label is color coded and marked with gas name in a contrasting color per NFPA 99 or ISO 7396.

Interchangeability

Gemini outlets are fully interchangeable with Diamond III outlets manufactured prior to 2001. A small modification can be made to upgrade Diamond II outlets to either Diamond III or Gemini, and the same modification works for either. Internal parts will fit and operate as did the original manufacturer's parts. Appearance is similar to minimize visual dissonance in finished installations. Operation and repair procedures are comparable.

Ordering Information

Wall/Ceiling Quick Connect

Gas Service	Rough In	Finish
Oxygen	6-234510-00	6-234610-00
Vacuum	6-234513-00	6-234613-00
Nitrous Oxide	6-234511-00	6-234611-00
Medical Air	6-234512-00	6-234612-00
WAGD	6-234519-00	6-234619-00

Wall/Ceiling DISS

Gas Service	Rough In	Finish
Oxygen	6-234510-00	6-234710-00
Vacuum	6-234513-00	6-234713-00
Nitrous Oxide	6-234511-00	6-234711-00
Medical Air	6-234512-00	6-234712-00
Nitrogen	6-234514-00	6-234714-00

Console Quick Connect

Gas Service	Rough In	Finish
Oxygen	6-234410-00	6-234810-00
Vacuum	6-234413-00	6-234813-00
Nitrous Oxide	6-234411-00	6-234811-00
Medical Air	6-234412-00	6-234812-00
WAGD	6-234419-00	6-234819-00

Accessories

Vacuum Slide	6-234500-00	6-234600-00
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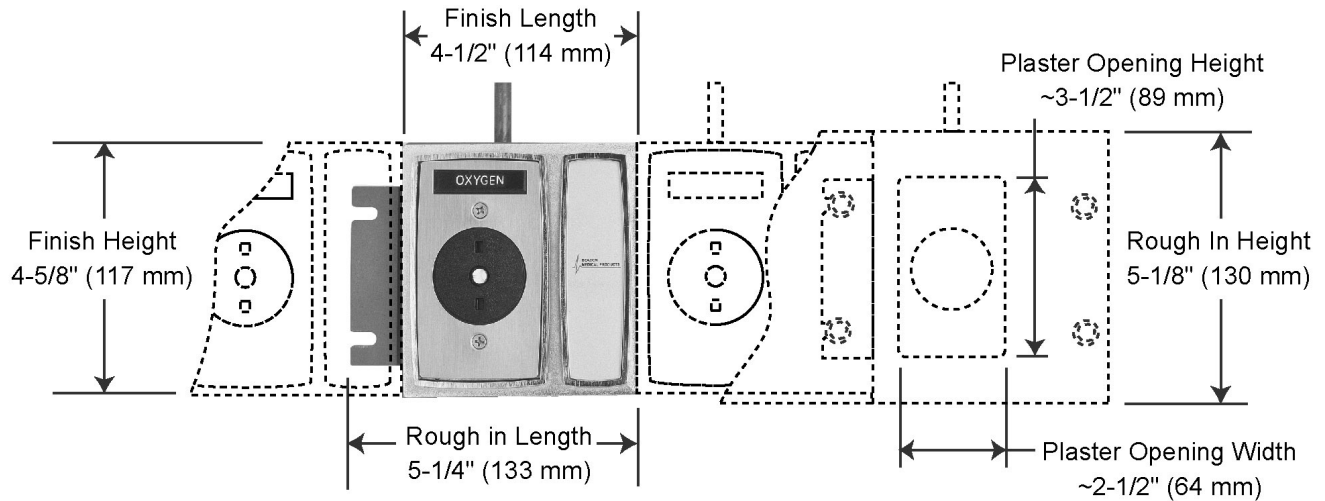


Table of Dimensions

Outlet Center to Center : 4-1/2" (114 mm)

Depth in wall from back of plaster : ~ 1-3/4"(45 mm)

Overall Lengths

	Rough In	Plaster Opening	Finish
1 outlet	5-1/4"	3-1/2"h x 2-1/2"w	4-1/2"
2 outlets	9-3/4"	3-1/2"h x 7"w	9"
3 outlets	14-1/4"	3-1/2"h x 11-1/2"w	13-1/2"
4 outlets	18-3/4"	3-1/2"h x 16-3/4"w	18"