Series B Recessed Medical Gas Wall Outlet
DISS Key Style

SPECIFICATION

DISS Medical Gas Wall Outlet
The DISS Medical Gas wall outlets shall be gas specific for the services indicated and accept only corresponding DISS nuts and nipples. The outlets shall be UL listed, CSA certified, and be fully compliant with the latest edition of NFPA 99. All outlets shall be 100% tested for flow, leaks and connector attachment. The outlets shall be cleaned for oxygen service prior to shipping. The outlets shall be made in the U.S.A. A die cast, light gray, epoxy powder coated trim plate can be provided to trim each wall outlet and to fill the space between adjacent outlets. The trim plate shall allow latch valves to be individually removed for servicing.

Outlet Design
A complete medical gas outlet shall consist of a gas-specific rough-in assembly for installation before the wall is finished and a matching gas-specific latch-valve assembly and cover plate for installation after the wall is finished.

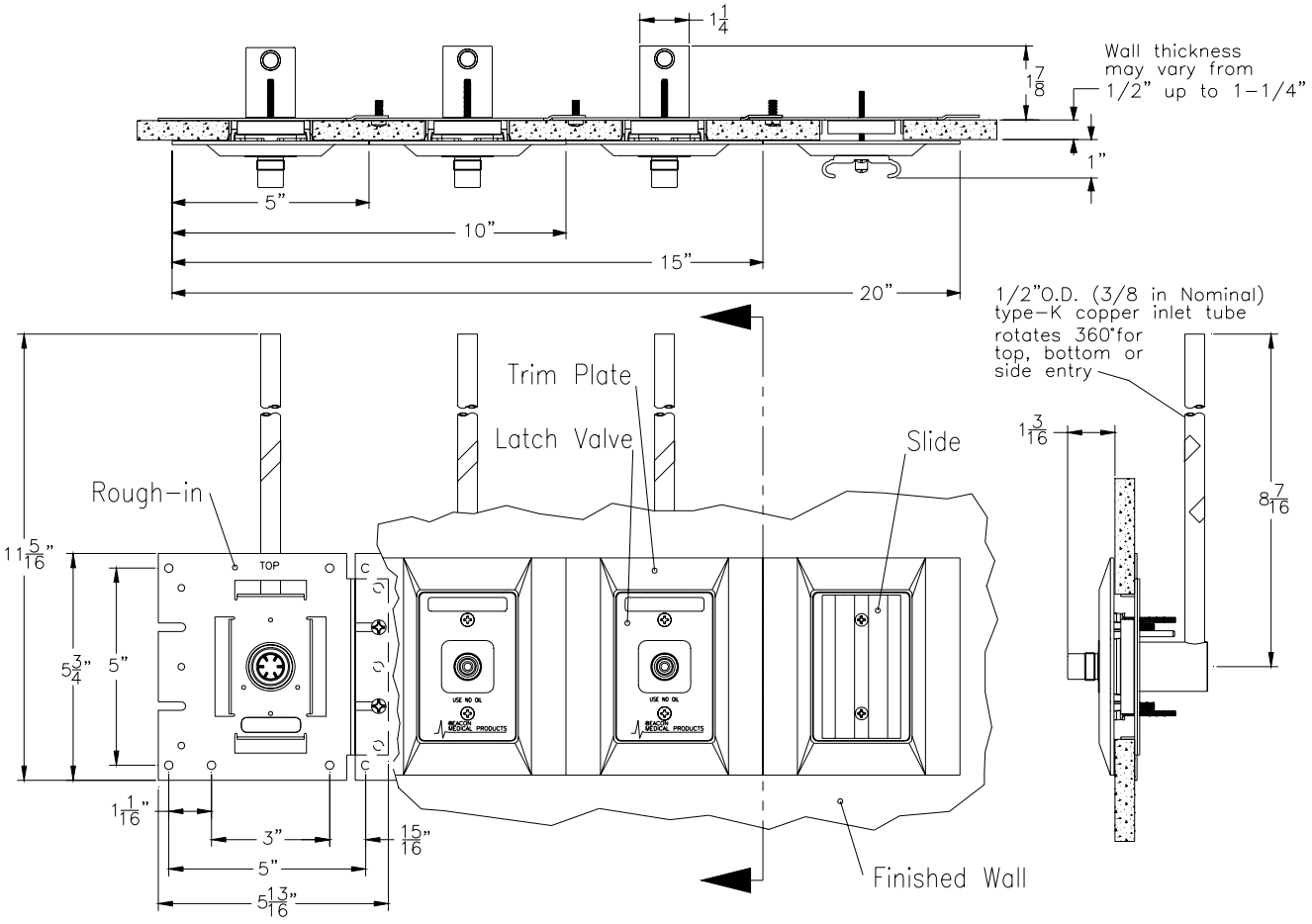
Rough-in Assembly
The rough-in assembly shall be of modular design and include a gas-specific 16-gauge steel mounting plate designed to permit on-site ganging of multiple outlets, in any order, on 5" centerline spacing. A machined brass outlet block shall be permanently attached to the mounting bracket to permit the 1/2" OD (3/8" nominal),type-K copper inlet tube to swivel 360° for attachment to the piping system. Gas service identification shall be affixed to the inlet tube and the face of the mounting plate. A secondary valve shall be installed in the outlet block of the rough-in assembly for both pressure testing and preventing gas flow (except vacuum and WAGD) when the latch-valve assembly is removed for service. A 3/8" high metal flange around the outlet opening shall provide a plaster barrier. A temporary cover shall be provided to keep debris out of the outlet during installation. The rough-in assembly shall contain a double seal to prevent gas leakage between the rough-in and latch-valve assemblies after the wall is finished. A single o-ring seal shall not be acceptable.

Latch Valve Assembly
The latch-valve assembly shall include an o-ring seal primary valve, be gas specific for the labeled service, and accept only corresponding hose and apparatus with DISS nut and nipple adapters. The latch-valve assembly shall be indexed to the corresponding rough-in assembly to avoid accidental cross-connection and shall telescope up to 3/4" to allow for variation in finished wall thickness from 1/2" up to 1-1/4". A metal cover plate insert with permanent, color-coded marking of service identification shall be included as part of the latch-valve assembly.

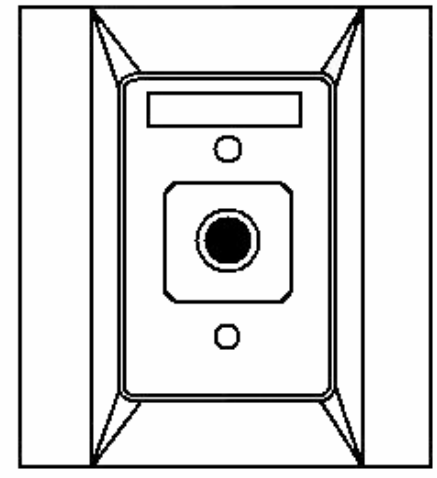
Item	Concealed Wall Outlet				
	Gas Service	**Color Code**	**Complete Assembly**	**Rough-in Assembly**	**Latch-Valve Assembly**
Series B DISS (U.S.)	O_2	White	☐ 6-121100-00	☐ 6-233110-00	☐ 6-230910-00
	N_2O	Blue	☐ 6-121101-00	☐ 6-233111-00	☐ 6-230911-00
	AIR	Yellow	☐ 6-121102-00	☐ 6-233112-00	☐ 6-230912-00
	VAC	White	☐ 6-121103-00	☐ 6-233113-00	☐ 6-230913-00
	N_2	Black	☐ 6-121104-00	☐ 6-233114-00	☐ 6-230914-00
	Instrument Air	Red	☐ 6-121108-00	☐ 6-233118-00	☐ 6-230916-00
	WAGD	Purple	☐ 6-121109-00	☐ 6-233119-00	☐ 6-230919-00
	CO_2	Gray	☐ 6-121110-00	☐ 6-233120-00	☐ 6-230920-00
	CO_2-O_2 (CO_2 >7%)	Gray/Green	☐ 6-121111-00	☐ 6-233121-00	☐ 6-230921-00
	O_2 -CO_2 (CO_2<7%)	Green/Gray	☐ 6-121112-00	☐ 6-233122-00	☐ 6-230922-00
	He-O_2 (He > 80%)	Brown/Green	☐ 6-121113-00	☐ 6-233123-00	☐ 6-230923-00
	O_2 -He (He < 80%)	Green/Brown	☐ 6-121114-00	☐ 6-233124-00	☐ 6-230924-00
Series B DISS (International)	O_2	White	☐ 6-121100-00	☐ 6-233110-00	☐ 6-230910-00
	N_2O	Blue	☐ 6-121101-00	☐ 6-233111-00	☐ 6-230911-00
	AIR	Black/White	☐ 6-151012-00	☐ 6-233116-00	☐ 6-230917-00
	VAC	Yellow	☐ 6-151013-00	☐ 6-233117-00	☐ 6-230918-00
	N_2	Black	☐ 6-121104-00	☐ 6-233114-00	☐ 6-230914-00
	Instrument Air	Red	☐ 6-121108-00	☐ 6-233118-00	☐ 6-230916-00
	WAGD	Purple	☐ 6-121109-00	☐ 6-233119-00	☐ 6-230919-00
	CO_2	Gray	☐ 6-121110-00	☐ 6-233120-00	☐ 6-230920-00
Miscellaneous	Slide*		☐ 6-120978-00		
	Blank, Gas		☐ 6-120979-00		
	Duplex Electrical Receptacle** (Gray 15A, 125V)		☐ 6-120972-00		
	Trim Plate (5")		☐ 6-325161-00		

***Good design practice should include a slide for each vacuum outlet.**
**** See specification sheet SSB-840-13 for additional electrical receptacles.**

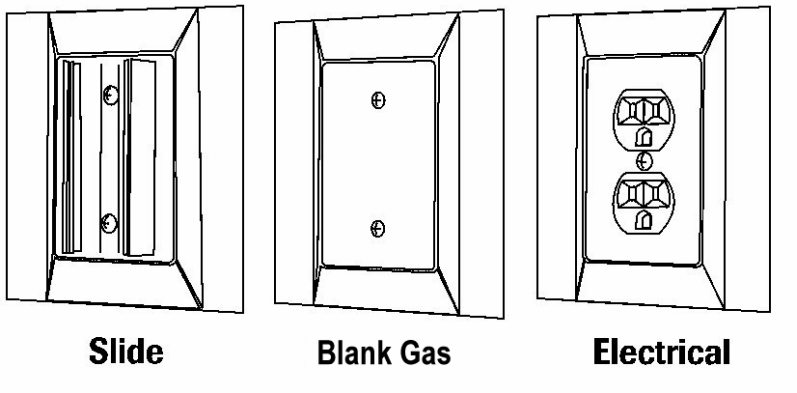
Series B DISS Wall Assembly



A maximum of three outlets may be ganged without additional support.



DISS Outlet



Optional Assemblies