Tri-Tech Medical Inc.

Lab Air and Vac DISS FRONTALL™ Style Recessed Wall/ Ceiling Outlets

Submittal Data Sheet

Features and Benefits:

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 Tri-Tech Medical outlets **easy to repair**, saving valuable time and money for the health care facility.

- **Five-year parts and one year labor limited warranty***
- UL Listed to UL 1331 and CSA Z9170-1.
- Conforms to NFPA 99 and CGA standards
- Accepts DISS 1220 gas specific nut & nipple adapter for Laboratory Vacuum and DISS 2080 gas specific nut & nipple adapter for Laboratory Air
- Ease of maintenance without removing the nameplate assembly using a cartridge insertion tool.
- Compensates for variation in wall thicknesses from 1/2" to 1 1/4"
- Modular design
- 5" centers
- Pin indexed nameplate assembly and back
- Removable front nameplate assembly
- All outlets are 100% tested for flow and leaks
- 360° swivel inlet tube
- Metal back and nameplate
- Nameplate color coding per NFPA 99
- Strength of connections eliminates unintended disconnects and provides support for dispensing equipment without the use of additional brackets
- Made in the U.S.A.

*See Terms and Conditions, Document No. 99-0477, on our website at: www.tri-techmedical.com for complete details.

Specification

The medical gas wall outlets shall be Tri-Tech Medical 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 (12.7cm) 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 assembly or gas specific portions. The primary check valve shall be unitized and of the cartridge type.

Show above
Laboratory Air Part Number TLN91XF112080 and
Laboratory Vacuum Part Number TLN91XF1122

So that the primary check valve can 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 services.

Medical gas outlets which require the removal of the nameplate assembly or gas specific components for routine service shall not be acceptable. The seal between the nameplate assembly 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 @ 2" from the nameplate assembly without leaking.

The outlet nameplate shall be permanently color-coded with a durable scratch resistant protective label. The outlet trim plate shall be durable white plastic, attached with the nameplate assembly to the rough-in assembly, and provide automatic plaster adjustment from 1/2 to 1 1/4 of an inch (1.27 cm to 3.17 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 (17.78 cm) length of 1/2 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 NFPA. state and local codes.

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

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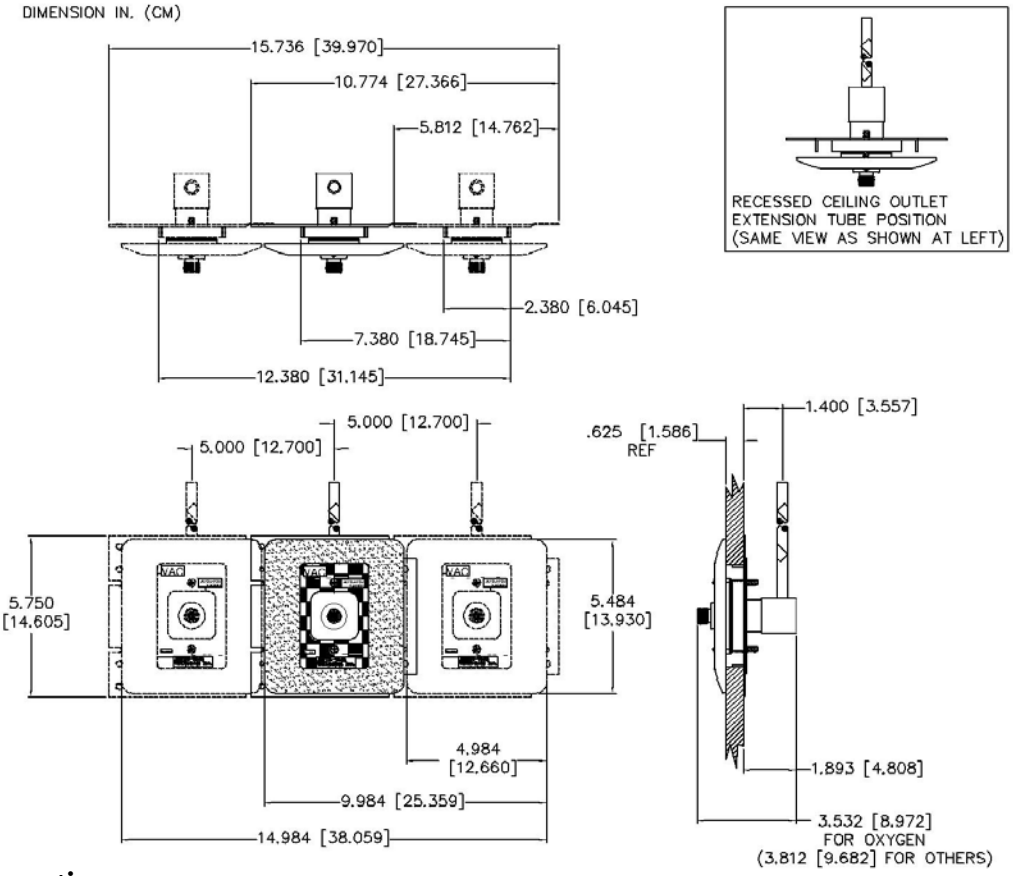
Layout



Ordering Information

Standard Recessed Outlets Complete - with the Plastic White Trim Plate

Gas Service	Recessed Complete Wall	Recessed Complete Ceiling	MRI Compatible Wall	MRI Compatible Ceiling
Laboratory Vacuum	TLN91XF1122	TLN91XF1222	TLN91XF1122-MRI	*TLN91XF1222-MRI
Laboratory Air	TLN91XF112080	TLN91XF122080	*TLN91XF112080-MRI	*TLN91XF122080-MRI

Slide	XF1144	N/A	XF1144-MRI	N/A

Indicates that these are **NOT UL listed Outlets*
Slides are not subject to UL Listing.

If Ordering Die Cast Trim Plates for Wall Outlets you need Back Bodies & front nameplate assemblies ordered Separately

Gas Service	Back Body 1/2" Tube Size Wall	MRI Compatible Back Body 1/2" Tube Size Wall	Outlet Nameplate Assemblies	MRI Compatible Nameplate Assemblies	Trim Plate Die Cast White	Trim Plate Die Cast Pewter
Laboratory Vac	TLN91XC1122-A	TLN91XC1122-A-MRI	TLN91XF1022-A	TLN91XF1022-A-MRI	XC1000-9DC	XC1000-9DCP
Laboratory Air	TLN91XC112080-A	*TLN91XC112080-A-MRI	TLN91XF102080-A	*TLN91XF102080-A-MRI		

Slide	Die Cast White	Die Cast White MRI Compatible	Die Cast Pewter	Pewter MRI Compatible
	XF1144-DC	XF1144-DC-MRI	XF1144-DCP	XF1144-DCP-MRI

If Ordering Die Cast Trim Plates for Ceiling Outlets you need Back Bodies & front nameplate assemblies ordered Separately

Gas Service	Back Body 1/2" Tube Size Ceiling	MRI Compatible Back Body 1/2" Tube Size Ceiling	Outlet Nameplate Assemblies	MRI Compatible Nameplate Assemblies	Trim Plate Die Cast White	Trim Plate Die Cast Pewter
Laboratory Vac	TLN91XC1222-A	*TLN91XC1222-A-MRI	TLN91XF1022-A	TLN91XF1022-A-MRI	XC1000-9DC	XC1000-9DCP
Laboratory Air	TLN91XC122080-A	*TLN91XC122080-A-MRI	TLN91XF102080-A	*TLN91XF1012080-A-MRI		

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