

Submittal Data Sheet

Project Information

Project Number _____ Approval _____

Features

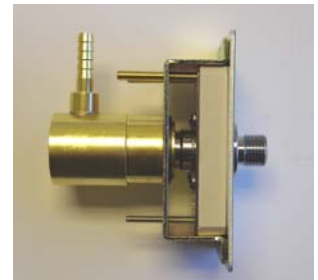
The Frontall™ DISS medical gas recessed outlets represent the most technically advanced means of providing medical gas connections to the central piping system. The outlets incorporate a unique patented **front-loaded** feature which makes the Tri-Tech Medical outlets **easy to repair**, saving valuable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

- ETL Listed to UL 1331 and CSA Z9170-1.
- Conforms to NFPA 99 and CGA standards
- Ease of maintenance without removing the faceplate using a cartridge insertion tool.
- Gas specific DISS outlet body
- Pin indexed faceplate and back
- Removable front assembly
- All outlets are 100% tested for flow and leaks
- 360% swivel inlet tube
- Strength of connections eliminates unintended disconnects and provides support for dispensing equipment without the use of additional brackets
- Made in the U.S.A.

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 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. 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 pressure gas. There shall be no secondary check for vacuum or gas evacuation service. Medical gas outlets that require the removal of the nameplate or gas specific components for routine service shall not be acceptable. 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 @ 2" from the nameplate without leaking.



Examples above - XF5324A (left) and XF5124A (right) Oxygen Outlets

The outlet nameplate shall be permanently color-coded. The outlet trim plate part # XC1000-10 (optional – shown below) shall be durable plastic, scratch resistant, attached with the nameplate to the rough-in assembly, and provide automatic adjustment from 1/8 to 3/4 of an inch. 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 connection shall be either a DISS male (XF53 or XF54 series or a 1/4" hose barb for positive gas pressure services or a 5/16" hose barb for vacuum and WAGD services (XF51 or XF52 series).

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.



XF5324A with XC1000-10 trim plate



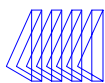
Technical drawing showing the side view of the XF51 SERIES component. The drawing includes the following dimensions and labels:

- 2.341 APPROX (Overall width)
- HOSE BARB INLET (Label pointing to the top inlet)
- 1.967 APPROX (Height of the top section)
- 2.880 (Height of the main body)
- 2.833 APPROX (Overall width at the base)
- SIDE VIEW (Label indicating the orientation)

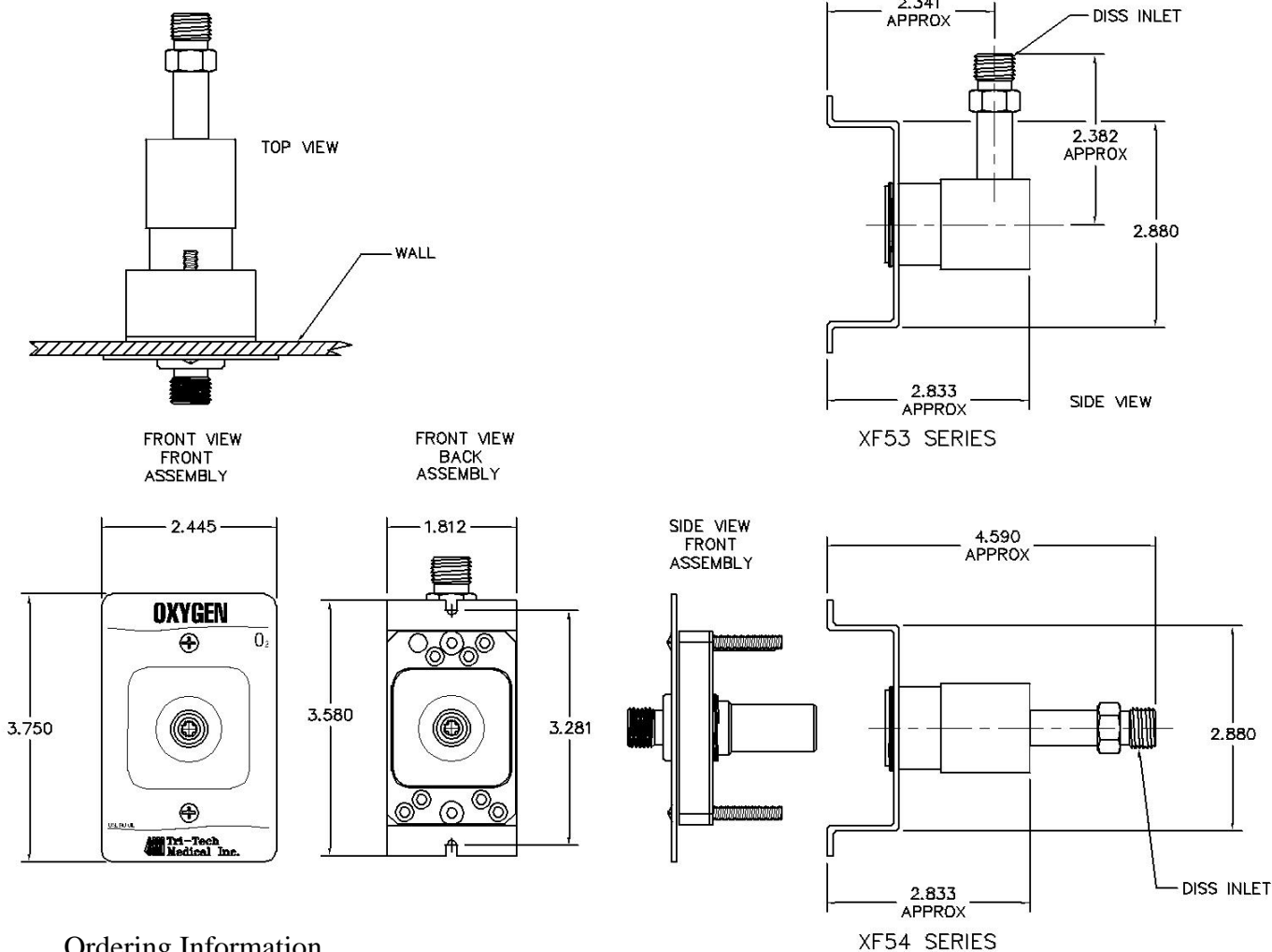
Technical drawing showing the front view of the XF52 SERIES component. The drawing includes the following dimensions and labels:

- 4.175 APPROX (Overall width)
- 2.880 (Height of the main body)
- 2.833 APPROX (Overall width at the base)
- HOSE BARB INLET (Label pointing to the side inlet)

Gas Service	Nitrous Oxide	Carbon Dioxide	Nitrogen	Medical Air	Medical Vacuum	Oxygen	WAGD	Instrument Air
Part Number	XF5204	XF5208	XF5212	XF5216	XF5222	XF5224	XF5232	XF522080
Hose Barb Size	1/4	1/4	1/4	1/4	5/16	1/4	5/16	1/4



Layout



Ordering Information

Gas Service	Nitrous Oxide	Carbon Dioxide	Nitrogen	Medical Air	Medical Vacuum	Oxygen	WAGD	Instrument Air
Part Number	XF5304	XF5308	XF5312	XF5316	XF5322	XF5324	XF5332	XF532080

Gas Service	Nitrous Oxide	Carbon Dioxide	Nitrogen	Medical Air	Medical Vacuum	Oxygen	WAGD	Instrument Air
Part Number	XF5404	XF5408	XF5412	XF5416	XF5422	XF5424	XF5432	XF542080