Operation & Maintenance Manual

Emergency Oxygen Inlet Station Surface Mount High Pressure



Amico

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Introduction

As required by NFPA 99 (National Fire Protection Association) "Health Care Facilities", oxygen systems having the source of supply outside the building shall have an inlet to connect a temporary, auxiliary source of supply for emergency or maintenance situations. This connection shall include necessary valves and to allow for an emergency supply of oxygen and isolation of the normal source of supply. The inlet connection shall be a 1" female npt connection and be provided with a plug to prevent entry of foreign matter into the oxygen system when not in use.

Medical Facility Responsibility

Amico Emergency Oxygen Inlet Station will perform in conformity with the descriptions contained in this manual and accompanying labels and/or inserts, when assembled, operated, maintained and repaired in accordance with the instructions provided.

Emergency Oxygen Inlet Stations must be inspected periodically. A defective product should not be used. Parts that are broken, missing, plainly worn, distorted or contaminated, should be replaced immediately. Should such repairs or replacements become necessary, please contact your local distributor.

Installation of Emergency Oxygen Inlet Station

1. Anchor the oxygen inlet station on a finished wall with the appropriate necessary hardware.

2. Before brazing, wrap wet rags around the tube extension next to the valve to prevent overheating and possible damage to the valve seals. Connect copper tubing to the copper extension using brazing methods and materials in accordance with NFPA 99 or CSA Z7396.1. Once the valve extension is cool, remove rags.

3. Test the system for leaks (per appropriate standards).

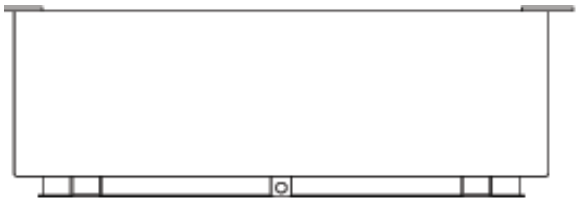
Ordering Information

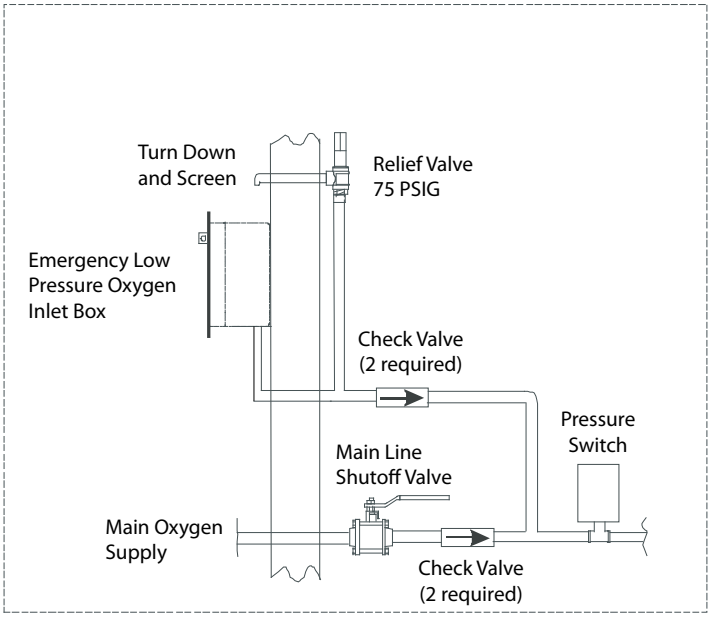
Emergency High Pressure Oxygen Inlet Station Surface Mounted	M-FILL-OXY-S
EMERGENCY OXYGEN FILL STATION ENCL. SURF.	00-M-X-OXFIL-BOX-S
EMERGENCY OXYGEN FILL STATION LABEL	00-M-X-MAN-18-SIMP
REGULATOR SR450ME-996 FOR SIMPLEX	00-M-X-MAN-18-SIMP
B-50 ADAPTOR CGA-540 - 1/4" NPT	00-M-X-MAN-20
1/4-20 HEX FINISHED NUTS	00-C-H-HEXNUT-02
962 CGA-540 NUT & PLUG	00-M-X-MAN-36
138R-1/2" CLAMP	00-M-X-MAN-48B
PLATED THREADED 3/8-16*1-3/4" TAP BOLT	00-M-X-MAN-49
NIBCO BALL VALVE THREADED 1"	00-V-X-VLV-NIB-10T
VALVE HANDLE SLEEVE FOR 3/4" TO 1-1/4"	00-V-C-VLV-HAND-M
3/8" - 16 HEX NUT	00-H-NHF-37NC
ELBOW 90 DEG, 1/4" * 1/4" FEM (HP)	00-M-X-OXF-HP-ELB
110-HB REDUCING BUSHING 1/4" F * 1" M	00-M-X-OXF-HP-MFSELB
ELBOW MALE 1" NPT * 1" SOLDER	00-M-X-OXF-MFSELB
EMERGENCY OXYGEN FILL STN. BRACKET	00-M-X-OXFIL-BRKT
FOAM SPONGE FOR MANIFOLD DOOR	00-M2-X-FOAM-02
1/4-20 x 3/4" PAN PHIL.MACH.SCRW.PLTD	00-H-RPH-0220-10
8-32 PLATED HEX NUT	00-H-NHM-08NC
1/4-20 * 1/2" HEX CAP SCREW GRADE-2	00-C-H-CST-0220-05
POWDER COAT PAINTING - OXY FILL STATION SURF.	00-M-X-OXFIL-PNT-S
OXY FILL PIPE WITH ELBOW SOLDERED 1"	00-M-X-OXFIL-END-E
1/4"-20 x 3/4" PAN HD. PHIL. PLATED STEEL	00-H-MPP-025UNC-075PLTD
#2 x 1/4" PAN PH. PLATED SELF TAP SCREW	00-H-MPP-0204-TAP

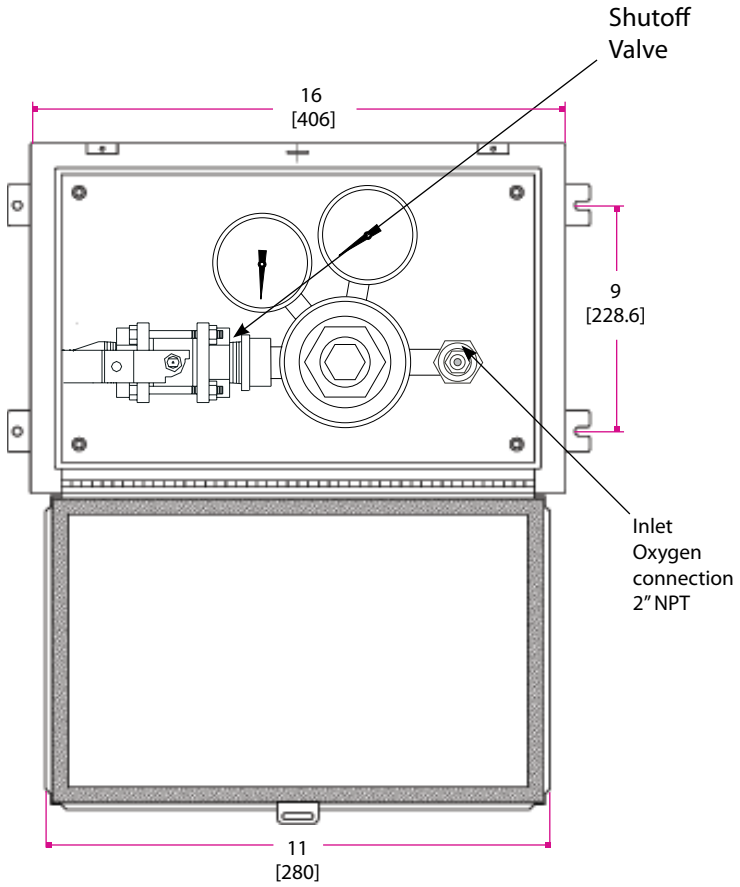
Optional Check and Relief Valves (to be ordered separately):

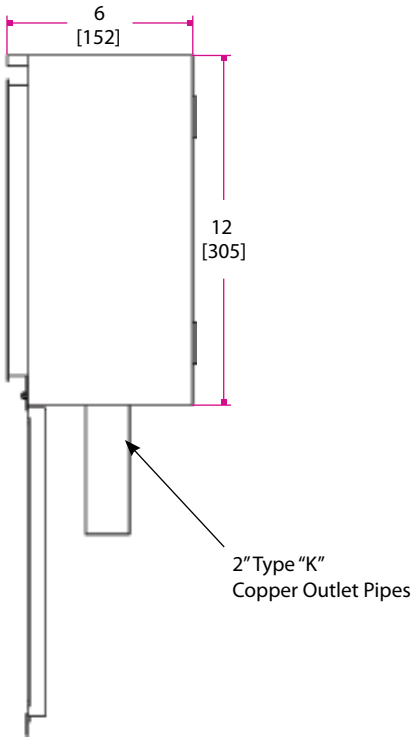
Check Valve 1"	VV-CHK-10
Check Valve 1-1/2"	VV-CHK-15
Check Valve 2"	VV-CHK-20
Relief Valve	M-X-MAN-72W-075
Relief Valve Pipe Away Adapter 1/2" NPT	M-X-PIPEAWAY-05

Schematic Drawing









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