

Installation Instructions

6600D Series & L6600D Series Gas Distribution Manifolds



Description:

The 6600D series manifolds are gas distribution systems that provide up to six pressure outlets from a single pressure inlet. Manifolds allow you to pressurize multiple transmission lines using one dehydrator. The units are equipped with a needle valve and pressure gauge at each outlet for individual line pressure readings. A gas inlet valve is provided for system test purposes. Type 6600D has 0 to 15 psig (0 to 103 kPa) pressure gauges; Type L6600D has 0 to 5 psig (0 to 35 kPa) pressure gauges. Refer to parts list on back page.

1. Join Manifold Bodies. If manifold assembly consists of two or more manifold bodies, join bodies with short pieces of 3/8" (9 mm) diameter tubing between tee fittings, or with extra 1/4" male hex nipple supplied. Use PTFE tape (supplied) on pipe threads - do not use it on tubing connections.
2. Connect Tubing to Fitting. Remove nut from fitting; discard plastic cap. Place nut (with captivated sleeve) onto end of tubing and slip tubing over sleeve extending from fitting. Force tubing into fitting while nut is being tightened.
3. Route Tubing between Manifold Outlets and Waveguide Inlets. Use the bulk length of 3/8" (9 mm) diameter polyethylene tubing (supplied). Allow 25 feet (7M) of tubing provided for each outlet fitting to equipment inlet fitting connection.

4. Remove Inlet Plugs from Waveguide Inlets and Connect Fittings (Supplied). Use PTFE tape on pipe threads. Tighten fitting with wrench. Connect routed tubing to outlet and inlet fittings as described in Step 2.
5. Make Tubing Connection between Dehydrator (Pressure Source) and Tee Fitting. Tighten unused end (plastic cap) of tee fitting on first body or on final tee fitting if more than one body is used.
6. For Horizontal Mounting. Gauges maybe repositioned by turning 90° clockwise.
7. Purge System. Before putting your transmission line system into service, purge each line to remove the moist air that was trapped inside during installation. Leave a flange(s) open at the antenna end and operate the dehydrator until the volume has been changed at least three times. Secure the flange(s).

If the above method is not possible, create a leak at the tubing fitting prior to the manifold by loosening the compression nut and pulling back on the tubing. Adjust the leak so that the dehydrator pressurizes the system approximately every 60 minutes. Allow the dehydrator to run overnight and retighten fitting.



Installation Kit Parts

Cable Tie	24
Fitting Cap, 3/8" tube	2
Poly Tube rack	4
Hex Nipple, 1/4M	1
Plastic Sleeve	2
25 Poly Tube, 3/8"	25 ft per port
PTFE Tape	1 roll
Male Connector	1 per port
1/8 NPT Street Elbow	1 per port

Spare Kits Part

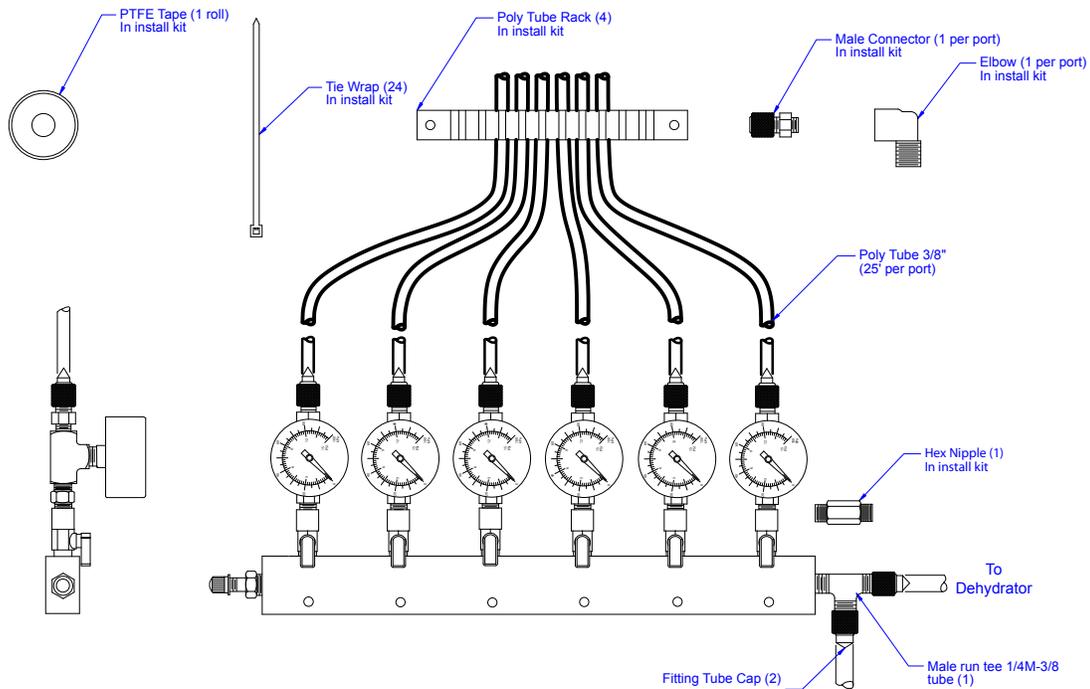
Tubing	25 ft	AE01K-D0840-025
	50 ft	AE01K-D0840-050
	100 ft	AE01K-D0840-100
	500 ft	AE01K-D0840-500

Ferrule Nut and Sleeve (5 min.) AE01J-A0727-020
(for tubing connection on male run tee only)



6600D Series & L6600D Series

Gas Distribution Manifolds



压力表- 辅助多头管 / Pressure Gauges – Auxiliary Manifold

	表一 有毒有害物质或元素名称及含量标识格式 / Names and Contents of Toxic or Hazardous Substances					
	有毒有害物质或元素 / Toxic or Hazardous Substances and Elements					
部件名称 (Part Name)	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
压力表 (Pressure Gauge)	X	O	O	O	O	O
黄铜配件 (Brass Fittings)	X	O	O	O	O	O
O: 表示有毒有害物质在该部件所有的均质材料中的含量均在SJ/T 11363-2006规定的限量要求以下。 O: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T 11363-2006. X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T 11363-2006规定的限量要求。 X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T 11363-2006.						



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