

Mid-West[®] Instrument

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Mid-West Instrument offers multi valve isolation manifolds that protect our differential pressure gauges, switches and transmitters. This allows the user to install a complete assembly saving installation time and transactional cost. Assemblies can be custom designed to fit each specific application.

Typical Manifold Installations

Installation Instructions

1. Connections

1/4 " FNPT are provided as standard but check paperwork for connections ordered. There are two connections on the housing identified as "hi" and "lo" for high pressure and low pressure. Be sure these get plumbed to the proper connections on your system. Improper connection will not damage the instrument, but it will not function properly. Flexible tubing is recommended to minimize the effect of any vibration that may exist.

2. Instrument Location

On liquid service the instrument should be mounted below the process connections to facilitate self-bleeding. On gas service it should be located above the process connections to promote self-draining. If the process contains particulates, a "pigtail" loop or drop leg (manometer "U-tube" configuration) in the tubing will minimize the possibility of it migrating into the instrument.

3. General

Consult the IOM for the instrument you are installing for specific instructions.

4. System Vibration

When vibration or pulsations are present, the manifold and instrument may need to be secured to prevent damage to the system. The instrument may be panel mounted, or pipe mounted as shown in the model specific IOM. Manifold and DP gauge support may need to be designed or fabricated on a case by case basis.

Examples



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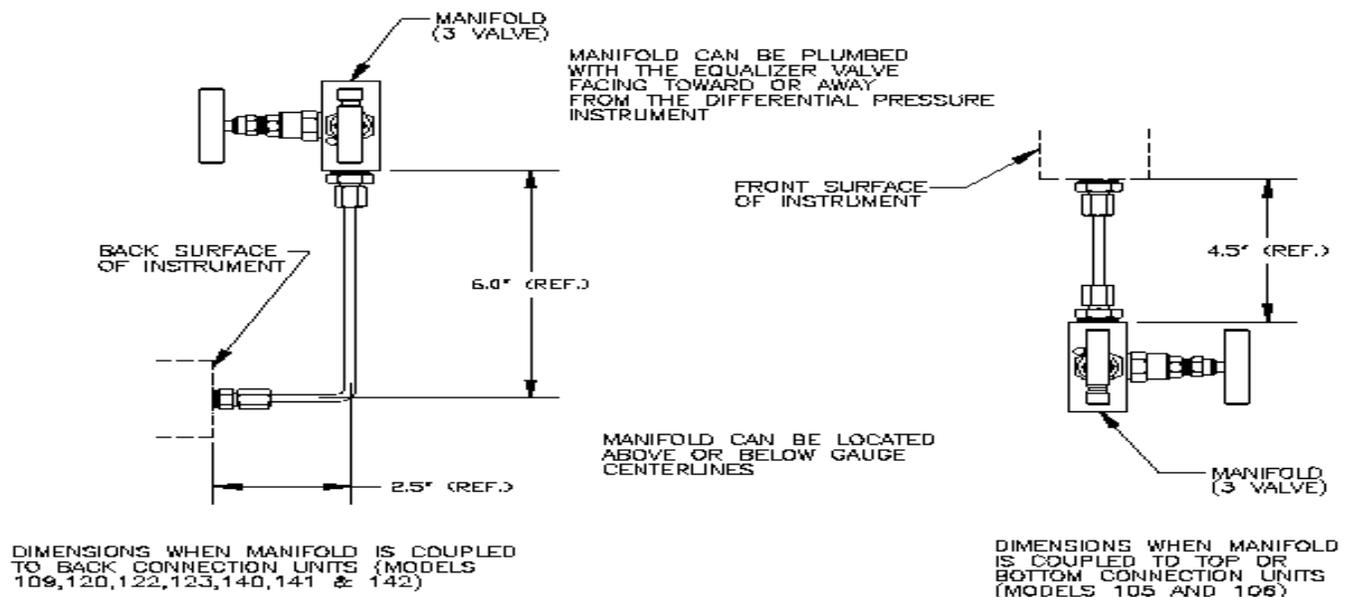


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Typical Manifold/Instrument Offsets



OTHER DIMENSIONS MAY BE AVAILABLE. CONSULT THE FACTORY.

Examples



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