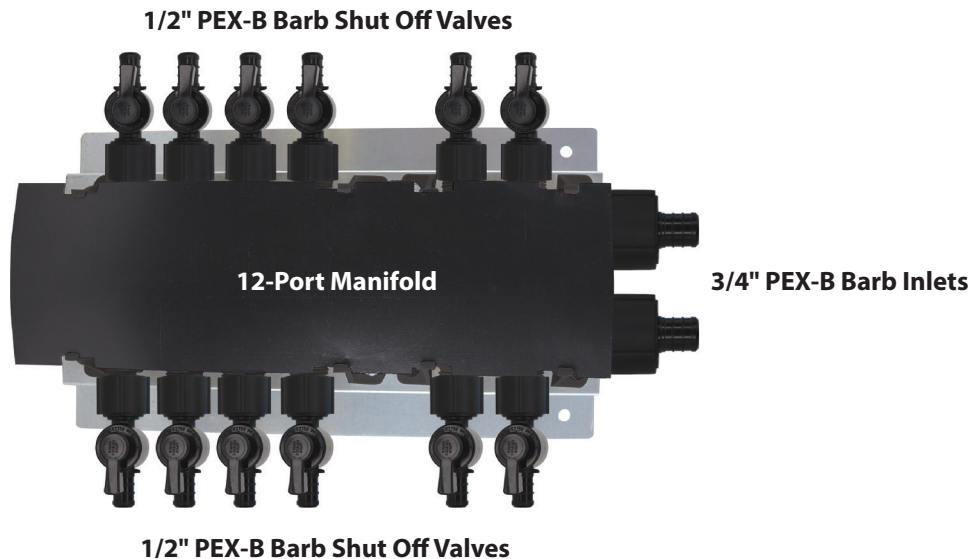


INSTRUCTION SHEET

PEX-B Poly Alloy Manifold Systems

APXMANI12P - 12 Port Manifold
 APXMANI16P - 16 Port Manifold
 APXMANI20P - 20 Port Manifold
 APXMANI24P - 24 Port Manifold
 APXMANI28P - 28 Port Manifold
 APXMANI32P - 32 Port Manifold
 APXMANI36P - 36 Port Manifold

PXPAFF1212SDV - Replacement Valve
 PXPANPSM - Replacement Adapter



1. Count the number of cold and hot water locations in the house. Be sure to include outside hose bibs and the refrigerator ice maker.
2. Make sure the manifold has as many ports as the house has hot and cold locations.
3. Find an accessible location near the water heater. PEX water lines must not come within 18 in. of the water heater, nor less than 6 in. to the side or less than 12 in. above the water heater metal vent.
4. Attach the shut off valves. Use pipe tape or Teflon[®] tape on all male threads. To create a 3/4" PEX pipe inlet, attach the included adapters. For a 1" Male Straight Threads pipe inlet, leave the inlet as is.
5. Position the manifold in the desired location and nail or screw the mounting bracket to the studs. Make sure all valve handles have room for operation.
6. Attach pipe to inlets. Attach 1/2" PEX pipe to the outlets and crimp or clamp securely. Close and cap all unused manifold ports.
7. Label each connection to the water location it supplies. Labels are included with each manifold.

For replacement parts, call 1.888.229.2874.

INSTRUCTION SHEET

PEX Manifold Systems

Warnings

- Before and after installation, ensure manifold is kept in a location with limited exposure to chemicals, paint, hazardous materials, debris, excessive heat, direct flame, or moving objects that could cause damage.
- The manifold should be located in an area that will not be covered permanently with sheetrock, plywood, or paneling.
- Manifold should not be installed or kept in a location exposed to freezing temperatures.
- Care should be taken not to over or under tighten fittings.
- Distribution lines must connect to the connecting valves in a straight line perpendicular to the manifold as to avoid bending stress on the valves.
- Manifolds should be installed per all local and national building/plumbing codes. Where a conflict exists between installation instructions and local requirements, the local codes shall take precedence.
- The installer must also meet all qualifications required by the state and/or local administrative authority administering the provisions of the code where PEX piping is installed.
- The Mosack Group, Inc. is not responsible for leaks and property damage caused by failure to follow the installation instructions.

Additional Information:

Each manifold has a galvanized back plate for easy mounting to any structure. The cover plate, for labeling purposes, is constructed of 1/4" ABS. All manifolds are fastened to the back plate.

Each manifold consists of two inlet ports that supply the dual chambers. Typically one inlet is used for cold water supply, and the other inlet is used for hot water supply. However, both inlets may be used for either hot or cold water. The inlets are not temperature specific. The water inlet connections are 1" MNPT or included 3/4" PEX x 1" NPSM adapters can be used to make the inlets 3/4" PEX Barb. The outlets are 1/2" MNPT. 1/2" FNPT Swivel x Barb valves are included.

Each manifold includes red and blue labels for indicating the destination fixtures.