



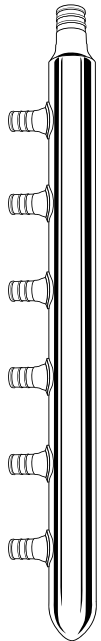
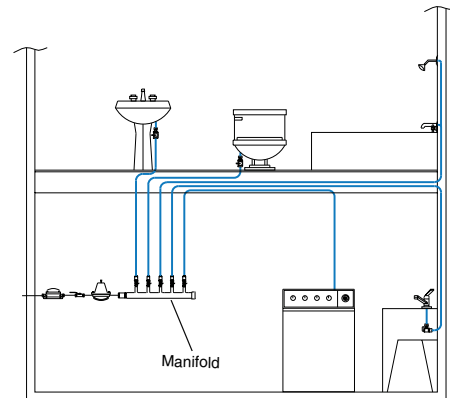
## MANIFOLD PLUMBING SYSTEM



### Manifolds

Copper Manifolds for pex.

- \* Continuous runs for pex piping without joints.
- \* Cuts Installation time .
- \* Perfect for Potable water.
- \* Equalized flow to each fixture helps to reduce pressure fluctuations.
- \* Quality assured 100% pressure tested.



The following information applies to Manifold systems in addition to the general limitations and installation information on PEX pipe fittings in this manual:

1. Manifolds can be installed in a horizontal or vertical position.
2. In larger installations, branch manifolds may be remotely located to handle a number of outlets.
3. Each faucet or water outlet is fed by it's own supply line form the manifold which may be located near the water supply or water heater.
4. Tubing shall be run continuously and as directly as possible between the fixture and the manifold locations.
5. Tubing shall not be pulled tight. Leave some slack to allow for expansion and contraction.
6. Install tubing cautiously to avoid binding, kinking or abrasions of pipe.
7. Leave excess tubing at the beginning and end of the runs for the connection to the fixtures and manifolds.
8. When running lines to a group of fixtures, they may be bundled together-however, they must be bundled loosely enough to allow individual movement of pipe. Bundle cold and hot waterline separately. You may use plastic ties. Do not tape the bundles pipe, since it may restrict movement of an individual pipe run.
9. When bundled lines pass through conventional structural members, put a hole at the centerline of the member. Consult the code for maximum hole size permitted.
10. Identify and permanently mark all lines at the manifold for ease of installation, testing and repair.
11. When attaching the distribution line tubing to 2 x 4 supports be sure to use J Clamps. Use one J Clamp per tube to ensure that tubing is held securely. J Clamps shall be positioned no further than 6" from the end of the port . Do not pull tubing tight . Leave at least 7" of slack per 50' of tubing run.
12. Do not pull tubing tight during installation. This can cause tensile force on connections when tubing cools and contracts. Allow 1/8-inch slack per foot of installed tubing .

