BOU **POLYALLOY MANIFOLDS**



Today's best manifold alternative!

Using BOW Polyalloy Manifolds is not only the solution to rising cost of copper, it is also the best alternative when compared to metallic manifolds.









★ Corrosion resistant



t Quiet and efficient

\star NSF approved

BRANCHES	DIMENSION	ITEM NO.	STD Pack	STD Carton
2 (1/2")	3/4" Barb Closed End	503474	5	150
3 (1/2")	3/4" Barb Closed End	503482	5	90
4 (1/2")	3/4" Barb Closed End	503490	5	60
6 (1/2")	1" Barb Closed End	503508	5	30
2 (1/2")	3/4" x 3/4" Barb Open End	503516	5	150
3 (1/2")	3/4" x 3/4" Barb Open End	503524	5	90
4 (1/2'')	3/4" x 3/4" Barb Open End	503532	5	60
6 (1/2")	3/4" x 3/4" Barb Open End	503540	5	30



Advantages of Pex Home-run Manifold System

The unique features of PEX piping make it ideal for use in manifold-type system designs. The Pex Manifold System is gaining wide acceptance for residential water distribution because of its benefits.

🛨 Easier piping

Easier piping runs to each fixture using smaller diameter piping



Fewer fittings connections

Opportunity to eliminate all fittings between the manifold and the outlet



***** Water supply control

Opportunity to have centrally located individual shut-offs at the manifold. There is guicker delivery of hot and cold water to the outlets.



★ More stable pressure

There will be a more stable pressure to each fixture when operating simultaneous fixtures



Reduced chances of liability

Fewer fittings mean fewer chances of leaks, connection errors or costly repairs.

The Pex manifold system and the **Trunk & branch system**

Although there are usual ways in laying out a plumbing system, currently, the Home-Run manifold system is getting to be a popular choice compared to the traditional **Trunk & Branch** System.

In the **Home-Run** plumbing manifold system, all fixtures are fed from dedicated piping that runs directly and unbroken from central manifolds. The hot water manifold should be located in close proximity to the hot water source to ensure fast and efficient delivery.

The other method for installing PEX piping combines elements of the first two systems and is typically referred to as a **Zone** system design. The basic approach to this system is running hot and cold trunk lines to some convenient location in close proximity to multiple fixtures, such as for a bathroom group. At this point a smaller zone or multi-port tee is installed on each trunk line. The zones or Multiport tees can be flow-through or closed end. Individual branch lines are then run to each fixture. Manifolds with valves must be installed in accessible locations: manifolds without valves or multi-port tees may be installed in enclosed spaces.



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HOME-RUN MANIFOLD SYSTEM



ZONE MANIFOLD SYSTEM



TRUNK & BRANCH SYSTEM