

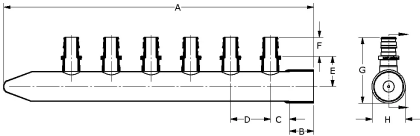
ProPEX (type L) copper lead-free (LF) valved manifolds

Project information

| | |
|--------------------------------|-----------------|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

Technical data

| | |
|-------------------------|--|
| Material | Copper |
| Manifold size | 1 inch |
| End type 1 | ProPEX 1/2" |
| Temp/pressure ratings | 73 °F (23 °C) at 160 psi (11 bar) 180 °F (82 °C) at 100 psi (6.9 bar) 200 °F (93 °C) at 80 psi (5.5 bar) 210 °F (99 °C) at 149 psi (10.3 bar) |
| Max. fluid flow rate | 21 gpm |
| Prop 65 label required? | Yes |



Product information and application use

Uponor's 1" Copper Manifold with Lead-free Brass 1/2" ProPEX® Ball Valve provides simple and easy isolation of individual loops.1 Sections can sweat together to extend the number of outlets using a standard 1" copper coupling. Both 1" ends are copper pipe size and require a copper end cap, coupling or transition fitting to make the proper system connection. Do not exceed accepted flow rates for 1" nominal copper.

Note: Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PEX Piping Systems Design and Installation Manual.

| Part name | Part no. | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | G [mm] | H [mm] | Weight per UOM [kg/UOM] |
|---|-----------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------------|
| 1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 4 outlets | LF2500400 | 190.50 | 0 | 38.10 | 38.10 | 68.54 | 18 | 100.83 | 41.99 | 0.748 |
| 1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 6 outlets | LF2500600 | 266.70 | 0 | 38.10 | 38.10 | 68.54 | 18 | 100.83 | 41.99 | 1.179 |
| 1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 8 outlets | LF2500800 | 342.90 | 0 | 38.10 | 38.10 | 68.54 | 18 | 100.83 | 41.99 | 1.542 |
| 1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 10 outlets | LF2501000 | 419.10 | 0 | 38.10 | 38.10 | 68.54 | 18 | 100.83 | 41.99 | 1.905 |
| 1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 12 outlets | LF2501200 | 495.30 | 0 | 38.10 | 38.10 | 68.54 | 18 | 100.83 | 41.99 | 2.2 |

| Part name | Part no. | Codes | Standards | Listings |
|--|----------|--|---|--|
| ProPEX (type L) copper lead-free (LF) valved manifolds | All | UPC IBC IRC IPC NPC of Canada UMC NSPC IMC | NSF-372 ASTM F877 ASTM F1960 CSA B137.5 NSF-61 NSF-14 | IAPMO-ES ICC-ES-PMG cNSFus-pw-G U.P.Code |

| Installation | Related applications |
|---|------------------------|
| The installer can use any product designed to mount 1" copper pipe as a mounting bracket. Any bend within 6 inches of the ProPEX connection to the manifold requires the use of a Tube Talon (F7050750) or Bend Support (A5110500 and A5150500). Refer to the AquaPEX® Professional Plumbing Installation Guide for additional information. | PEX-a Plumbing Systems |

| Notes |
|---|
| Flow at 4 fps: 10.2 gpm Flow at 5 fps: 12.8 gpm Flow at 8 fps: 20.5 gpm |

| Footnotes | Contact information |
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