

# MrPEX® COMPOSITE MANIFOLD SUBMITTAL



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Project Name \_\_\_\_\_ Date \_\_\_\_\_  
 Submitted By \_\_\_\_\_ Phone \_\_\_\_\_  
 Project Location \_\_\_\_\_ MrPEX® Rep. \_\_\_\_\_  
 Engineer \_\_\_\_\_ Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_ P.O. Number \_\_\_\_\_

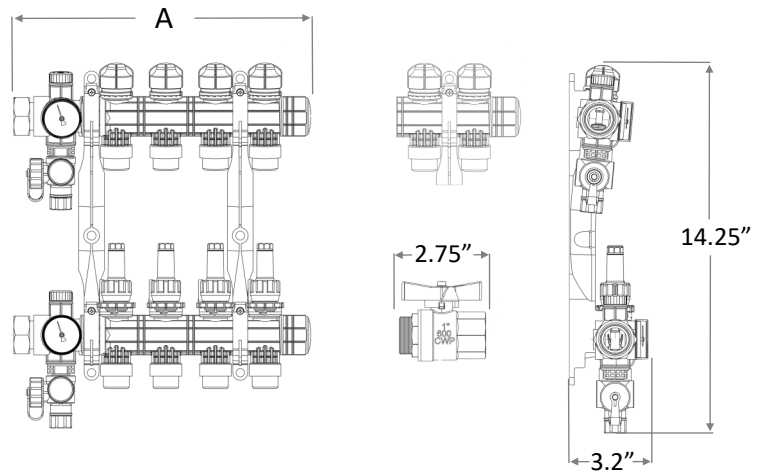
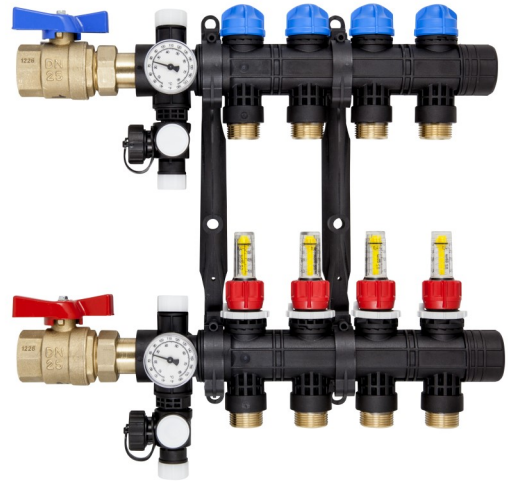
## MrPEX® COMPOSITE MANIFOLD FOR UP TO 5/8" PEX AND

### PEX-AL-PEX TUBING, 2-12 LOOPS

MrPEX® Composite Radiant Manifold is made from a durable high performance glass filled plastic designed to withstand high temperature and pressure. The manifold exceeds the oxygen diffusion standard DIN 4726 and is completely corrosion resistant. The manifold has flow capacity of 15.4 GPM with adjustable flowmeters for flows up to 1.00 GPM per loop, and comes partially assembled as a complete kit. The branch Cv value is 1.35.

#### Technical Data

|   |   |
|---|---|
| Material                                | Polysulfone & Nylon   |
| Oxygen tightness                        | Accordant to DIN 4726   |
| Main connection                         | 1" NPT  |
| Circuit connections                     | EK 20 (G3/4 Eurokonus)  |
| Max. Operating temperature and pressure | Max 140°F at 87psi<br>Max 158°F at 72 psi<br>Max 176°F at 58 psi<br>Max 194°F at 44 psi |
| Max manifold flow                       | 15.4 gpm  |
| Branch Cv-value                         | 1.35  |
| Available sizes                         | 2-12 loops  |
| Accepted media                          | Water, up to 50% propylene glycol   |



#### Manifold Dimensions

| Loops          | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       | 10      | 11      | 12      |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Quantity       |         |         |         |         |         |         |         |         |         |         |         |
| Part #         | 3810200 | 3810300 | 3810400 | 3810500 | 3810600 | 3810700 | 3810800 | 3810900 | 3811000 | 3811100 | 3811200 |
| Distance A     | 7.87"   | 9.84"   | 11.81"  | 13.78"  | 15.75"  | 17.72"  | 19.69"  | 21.65"  | 23.62"  | 25.59"  | 27.56"  |
| A + Ball Valve | 8.62"   | 10.59"  | 12.56"  | 14.53"  | 16.5"   | 18.47"  | 20.44"  | 22.4"   | 24.37"  | 26.34"  | 28.31"  |