



AVAILABLE MAY 1, 2015



# Product Introduction

## MrPEX® Composite Radiant Manifold

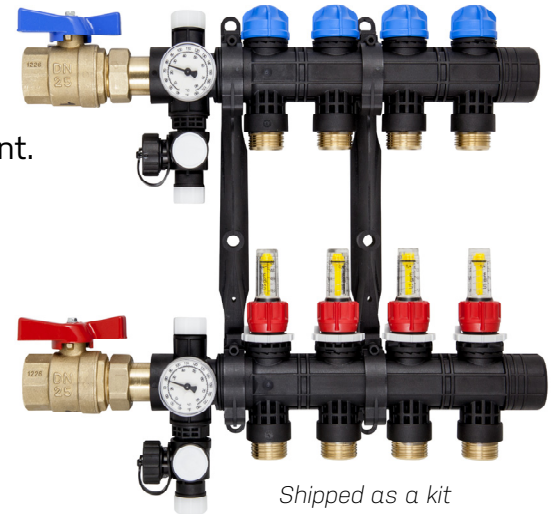
For Radiant Floor Heating and Cooling Applications

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 manifolds comes partially assembled as a complete kit.

Kit includes;

- A complete supply body with positive shut-off balancing flow-meters, thermometer, a Fill/Drain valve with Vent, and a blank end cap.
- A complete return body with on/off valves for manual shut-off, thermometer, a Fill/Drain valve with Vent, and a blank end cap.
- A set of mounting brackets
- A set of 1" NPT isolation union ball-valves.

Plastic cap on the return valve can be removed to accommodate valve actuator #5120700 or #5120701 (Adapter VA 90 #5700090 is needed). The branches have Eurokonus (EK20) connections, and all MrPEX® EK20 compression fitting assemblies (PEX to EK20 or PEX-AL-PEX to EK20) can be used to connect tubing up to 5/8" to the manifold. Single, 2 loop, 3 loop, and 4 loop add-on supply and return manifold sections and other accessories are sold separately to allow for easy add-on.



### Manifold Kits

Part#	Description	Type	Unit	List \$
3810200	Composite Manifold, Valve & Flowmeter, Complete Kit	2 Loop	Each	\$ 241.00
3810300	Composite Manifold, Valve & Flowmeter, Complete Kit	3 Loop	Each	\$ 355.00
3810400	Composite Manifold, Valve & Flowmeter, Complete Kit	4 Loop	Each	\$ 404.00
3810500	Composite Manifold, Valve & Flowmeter, Complete Kit	5 Loop	Each	\$ 458.00
3810600	Composite Manifold, Valve & Flowmeter, Complete Kit	6 Loop	Each	\$ 512.00
3810700	Composite Manifold, Valve & Flowmeter, Complete Kit	7 Loop	Each	\$ 566.00
3810800	Composite Manifold, Valve & Flowmeter, Complete Kit	8 Loop	Each	\$ 620.00
3810900	Composite Manifold, Valve & Flowmeter, Complete Kit	9 Loop	Each	\$ 674.00
3811000	Composite Manifold, Valve & Flowmeter, Complete Kit	10 Loop	Each	\$ 728.00
3811100	Composite Manifold, Valve & Flowmeter, Complete Kit	11 Loop	Each	\$ 788.00
3811200	Composite Manifold, Valve & Flowmeter, Complete Kit	12 Loop	Each	\$ 847.00

### Technical Info

#### Max Operating Temperature & Pressure:

- 44psi @ 194° F
- 58psi @ 176° F
- 72psi @ 158° F
- 87psi @ 140° F

#### Manifold Flow:

15.4 GPM

#### Branch Cv Value:

1.35 GPM

#### Flowmeter Range:

0 - 1.0 GPM

#### Max Hydro Test:

145 psi (24hr)

#### Max Air Test:

100 psi (24hr)