Why use Stainless Steel manifolds on your next project?

Create a Professional Appearance
- After the installation, manifolds are one component homeowners and builders will actually see.

Versatility
- 1 to 12 circuits
- 1” and 1-1/2” trunks
- 4-wire actuators for individual circuit control
- Mounts in a 2x4 wall
- Easy to add extra circuits
- Bring supply/return in from either end

Save Time on Installation
- Seamless, one-piece construction
- Already mounted on brackets
- Easy to balance flow or find air-locked circuits with flow meters
- Easy to measure zone temperature drop

Professional
Choose Stainless

I chose Watts Radiant’s stainless manifolds because of what they could do. I keep using them because of the response my customers have.

Standard Features:
- Stainless steel trunk
- Nickel-plated brass accessories
- Integral balance valves
- Integral flow meters
- Manifold brackets
- Multiple tubing options (Onix, RadiantPEX, and RadiantPEX-AL)

Optional Accessories:
- Vent/Purge assembly
- End cap
- Pressure differential by-pass
- Thermal actuators
- Trunk isolation valves with temperature gauges
- Circuit isolation valve
- Circuit isolation caps
- Sweat and NPT transitional fittings
- Isotem
- Manifold Boxes*  
* item not shown

Give your customers what they need by giving them what they want.

Watts Radiant
Floor Heating & Snow Melting

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Available at: 631-240-9173

www.pexheat.com
Use the 1-1/2" Stainless Manifold as a distribution header to feed baseboard or fan coil units. Thermal actuators can be used to create zone control.

The IsoTherm Mixing Module is a simple, compact, pre-piped pump and mix valve assembly designed to thread directly to a 1" Stainless Steel manifold. When using the IsoTherm, make sure to incorporate check valves in the supply and return piping from the primary loop located in the mechanical room.

Use 1" or 1-1/2" Stainless Manifolds to feed radiant or snowmelt applications. Thermal actuators can be used to create individual zone control. Actuators can be wired in parallel if a zone contains more than one circuit.

Key
A. Internal Balance Valve with Adjustment Key
B. Thermal Actuator
C. Vent/Purge Assembly
D. Gasket
E. Return Manifold Trunk
F. Trunk Ball Valve with Temp Gauge
G. SSM to Swt Transition
H. Manifold Bracket
I. Flow Meter
J. End Cap
K. Supply Manifold Trunk
L. Circuit Isolation
M. Ball Valve
N. SSM x MNPT Adapter
O. Pressure Differential
P. By-Pass

Possible Manifold Piping Configurations

Technical Details

Trunk Material: AISI 304 Stainless AISI 304 Stainless
Nominal Trunk Size: 1" id 1-1/2" id
Circuit Spacing: 2-1/8" oc 2-1/8" oc
Thread/Connection Type: BSP Thread BSP Thread
Max. Trunk Flow Rate: 12 gpm 22 gpm
Max. Circuit Flow Rate: 2.0 gpm 4.0 gpm
Max. Operating Temperature: 194°F 194°F
Max. Operating Pressure: 87 psi 87 psi

Possible Manifold Piping Configurations

Baseboard
Fan Coils

Available at: 631-240-9173
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