TechData

RIIFO

RIIFO Stainless Steel Manifold Specifications

Product Information

RIIFO stainless steel heating manifolds are manufactured to distribute and control water in heating systems at high and low temperatures.

Recommended Applications

RIIFO stainless steel heating manifolds are recommended for hot and cold potable water distribution systems, hydronic and radiant heating systems.

Handling and Installation

RIIFO stainless steel heating manifolds come pre-assembled and ready for installation eliminating the need for complicated and time-consuming assembly for use in radiant heating systems.

Quality Assurance

When the product is marked with ASTM F876/F877 designation, it affirms that the product was manufactured, inspected, sampled and tested in accordance with these specifications and has been found to meet the specified requirements.

Features & Benefits

- Corrosion resistant when exposed to acidic water
- Available with 2 through 12 branch pairs
- Stainless steel unibody construction
- Easy to assemble construction
- Integrated flow-meters for precise flow control and balancing
- Return manifold equipped with shut-off valve and thermal actuator
- Equipped with automatic air vent and drain and bleeder valve
- 25 year warranty as a RIIFO system

Compatible Fittings

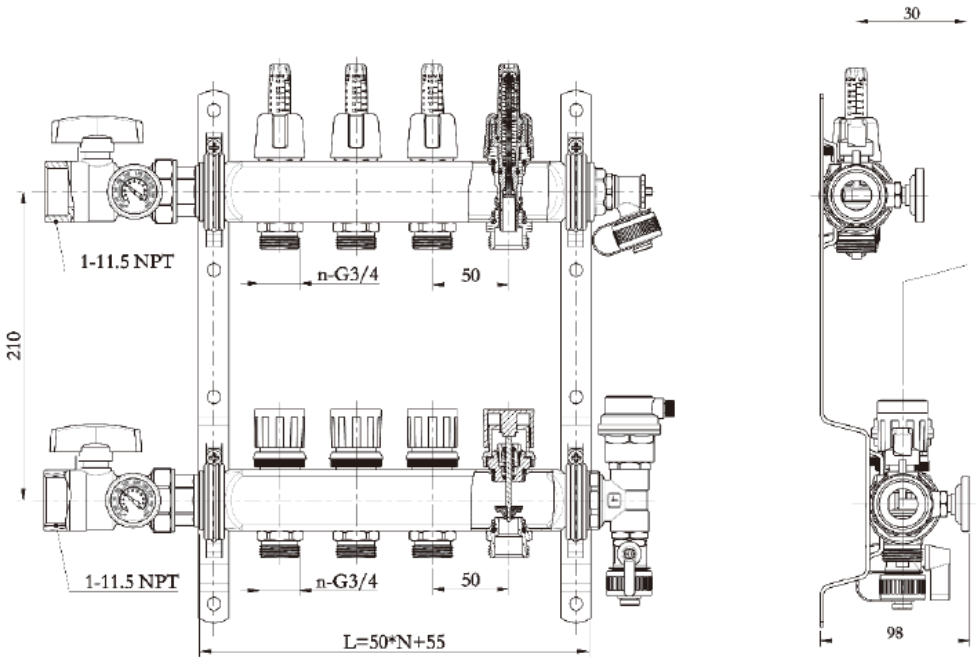
RIIFO Stainless steel heating manifolds are compatible with both PEX and multi-layer tubing.

Part Number	Size	Branches	Length
FN16HMSS2	3/4”	2	6.10″
FN16HMSS3	3/4”	3	8.07″
FN16HMSS4	3/4”	4	10.04″
FN16HMSS5	3/4”	5	12.01″
FN16HMSS6	3/4”	6	13.98″
FN16HMSS7	3/4”	7	15.94″
FN16HMSS8	3/4”	8	17.91″
FN16HMSS9	3/4”	9	19.88″
FN16HMSS10	3/4”	10	21.85″
FN16HMSS11	3/4”	11	23.82″
FN16HMSS12	3/4”	12	25.79″

TechData

RIIFO

RIIFO Stainless Steel Manifold Specifications



Materials
Manifold body: stainless steel (FN16), Seal: EPDM

Working Performance
Max working pressure: 145 psi (10 bar)
Max continuous working temperature: 180°F at 100psi

Working Media
Media 1: Water
Media 2: 50% water and 50% ethylene glycol
Media 3: 50% water and 50% propylene glycol

Connection
Supply / return: G1" female
Circuit: G3/4 " male
Flow meter connection: G1/2" male

Flow
Indication scale: 0.5-5L/min (0.13-1.32G/min)
Indication tolerance: ± 10%
KVS value: 1.10