SUBMITTAL DATA

HFM102–HFM112

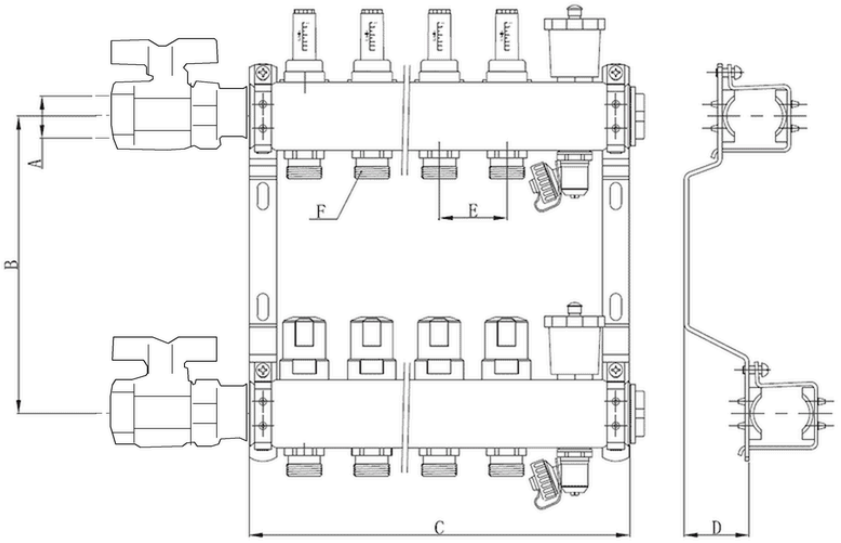
Hi-Flow stainless steel manifold, 1-¼″, 2 to 12 loops, with flow meters

JOB NAME	JOB LOCATION	ENGINEER
MECHANICAL CONTRACTOR	CONTRACTOR'S P.O. NO.	REPRESENTATIVE
TAG NO.	MODEL / LOOPS	APPROVAL

MODELS

Model	Loops	C, in	C, mm	Qty
HFM102	2	6-¾″	171	
HFM103	3	8-¾″	222	
HFM104	4	10-¾″	273	
HFM105	5	12-¾″	324	
HFM106	6	14-¾″	375	
HFM107	7	16-¾″	425	
HFM108	8	18-¾″	476	
HFM109	9	20-¾″	527	
HFM110	10	22-¾″	578	
HFM111	11	24-¾″	629	
HFM112	12	26-¾″	679	

DIMENSIONS



DIMENSIONS COMMON TO ALL MODELS

	A	B	D	E	F
in	1-¼″	7.88″	2″	1.97″	¾″ × 18 TPI
mm	–	200	51	50	–

A header connection size · **B** supply to return header, centre to centre · **D** depth from the wall · **E** loop spacing · **F** loop connection thread · **C** overall length (see model table).

CONNECTIONS

Connection	Size and type
Headers	DN 32, 1-¼″ supply and return connections
Loops	20 mm thread (¾″ × 18 TPI), PEX compression
PEX	½″, ⅝″ or ¾″; compression adapters sold separately
Vents and drains	Air vent and drain on each header
Isolation	2 × 1-¼″ isolation ball valves, included

TECHNICAL DATA

Header	1-¼″ SEA 304 stainless steel
Header thread	DN 32, 1-¼″
Loops	2 to 12
Rated flow	18 GPM trunk; 1.5 GPM per loop
Flow coefficient	Cv 1.1 per loop
Max. operating pressure	145 psi at 68 °F; 87 psi at 158 °F; 44 psi at 194 °F

Test pressure	145 psi
Max. operating temperature	194 °F at 44 psi
Loop thread	20 mm (¾″ × 18 TPI)
PEX	½″, ⅝″ or ¾″, compression fittings
Application	Radiant heating
Warranty	2 years

TYPICAL SPECIFICATION

Furnish and install a Rhella Hi-Flow HFM1__ manifold with ___ loops, or approved equal. The manifold shall have 1-¼″ SEA 304 stainless steel supply and return headers with DN 32, 1-¼″ connections, a flow meter on each loop, two 1-¼″ isolation ball valves, an air vent and drain, and end caps. Loops shall have 20 mm (¾″ × 18 TPI) connections for ½″, ⅝″ or ¾″ PEX compression adapters. Rating: 18 GPM trunk, 1.5 GPM per loop, Cv 1.1 per loop; 145 psi at 68 °F; 87 psi at 158 °F; 44 psi at 194 °F; test pressure 145 psi.