SUBMITTAL DATA

RAM102–RAM113

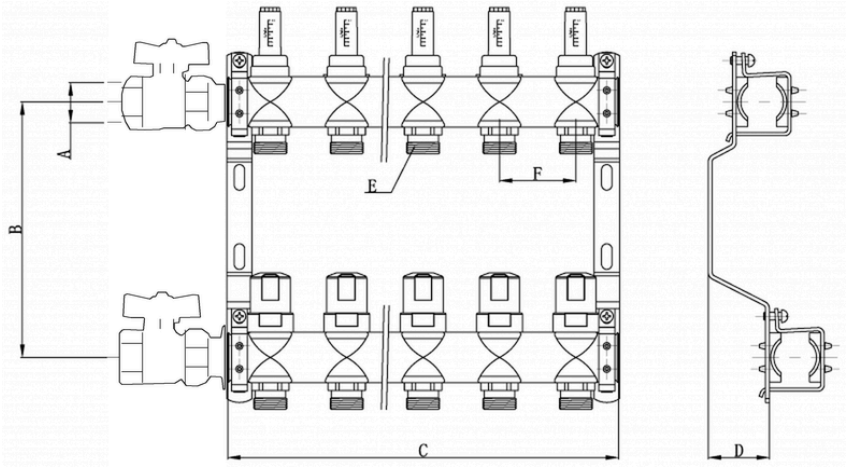
Radiant stainless steel manifold, 1″, 2 to 13 loops, with flow meters

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
RAM102	2	5.31″	135	
RAM103	3	7.68″	195	
RAM104	4	10.10″	257	
RAM105	5	12.40″	315	
RAM106	6	14.76″	375	
RAM107	7	17.13″	435	
RAM108	8	19.50″	495	
RAM109	9	21.85″	555	
RAM110	10	24.20″	615	
RAM111	11	26.60″	676	
RAM112	12	28.95″	735	
RAM113	13	31.32″	796	

DIMENSIONS



DIMENSIONS COMMON TO ALL MODELS

	A	B	D	E	F
in	1″	7.88″	1.89″	¾″ × 18 TPI	2.36″
mm	–	200	48	–	60

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

CONNECTIONS

Connection	Size and type
Headers	DN 25, 1″ 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 with drain
Isolation	2 × 1″ ball valves (1 red, 1 blue), included

TECHNICAL DATA

Header	1″ SEA 304 stainless steel
Header thread	DN 25, 1″
Loops	2 to 13
Rated flow	14 GPM trunk; 1.15 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 Radiant RAM1__ manifold with ___ loops, or approved equal. The manifold shall have 1″ SEA 304 stainless steel supply and return headers with DN 25, 1″ connections, a flow meter on each loop, thermal actuator compatible circuit valves, red and blue 1″ ball valves, mounting brackets, 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: 14 GPM trunk, 1.15 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.