

## MATERIAL SPECIFICATION SHEET

## HIGH FLOW RADIANT MANIFOLDS & ACCESSORIES



IVAR precision-manufactured High Flow 1-1/2" & 2" stainless steel manifolds are engineered for efficient distribution of heating and cooling fluids in radiant systems and snow/ice melting applications. Designed to meet the demands of projects requiring higher flow rates, these manifolds have been successfully integrated into a wide range of residential, commercial and industrial installations, leveraging the benefits of hydronics to deliver consistent comfort in any environment.

Each IVAR radiant manifold comes conveniently packaged in one box, complete with all necessary components, including ball valves on each supply and return loop, as well as an air vent and drain valve on each header.

Available in two header sizes: 1½" with configurations of 6, 8, 10, & 12 loops  
2" with configurations of 10, & 12 loops

Also available: 1" and 1¼" header sizes with configurations of 2 to 12 loops to suit a wider range of design layouts.



### Materials

Manifold	Stainless Steel AISI 316L
Ball Valve	C/W 617 N
Lockshield	C/W 617 N
Thermostatic Valve	C/W 617 N
Drain Valve	Brass
Soft Seal Union	Brass

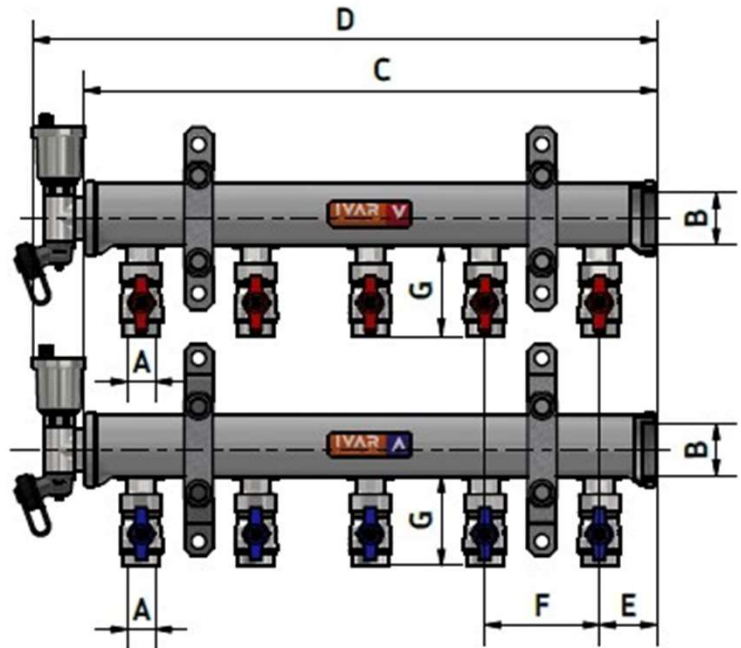
### Technical Features

Maximum Working Temperature	248°F (120°C)
Maximum Working Pressure	145psi (1,000 kPa)

## Max. Flow Per Circuit and Total Max. Flow for Manifold

Flow rates to be within CSA B214

Manifold Size (in.)	Max. Flow Per Circuit (GPM)	Total Max. Flow for Manifold (GPM)
1-1/2"	3	26
2"	3	42



### 1-1/2" Stainless Steel Manifolds with C/W Ball Valves

Product Code	No. of Loops	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	G (in.)	H (in.)	I (in.)
763515006-B	6	3/4"	1-1/2"	24	25	2	4	4	5	2
763515008-B	8	3/4"	1-1/2"	31	33	2	4	4	5	2
763515010-B	10	3/4"	1-1/2"	39	41	2	4	4	5	2
763515012-B	12	3/4"	1-1/2"	47	49	2	4	4	5	2

### 2" Stainless Steel Manifolds with C/W Ball Valves

Product Code	No. of Loops	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	G (in.)	H (in.)	I (in.)
763520010-B	10	3/4"	2"	39	41	2	4	4	5	2
763520012-B	12	3/4"	2"	47	49	2	4	4	5	2