

### Instinct Pro Stainless Steel Manifold (Hydraulic Balancing)

IN-116602-AB-BV, IN-116603-AB-BV, IN-116604-AB-BV, IN-116605-AB-BV, IN-116606-AB-BV  
 IN-116607-AB-BV, IN-116608-AB-BV, IN-116609-AB-BV, IN-116610-AB-BV, IN-116611-AB-BV  
 IN-116612-AB-BV



#### Specification

Finish	Stainless Steel
Dimensions	Please see next page
Weight	Please see next page
Seals Material	EPDM
Handle Material	ABS
Springs Material	Stainless Steel
Brackets Material	Chrome Plated Steel
Adaptors Material	Brass
Maximum Working Pressure	6 Bar (10 Bar for system testing)
Maximum Temperature Range	5-70°C
Flow Rate Range	0-5L/min
Connections	G1" F (ISO 228-1)
Outlets	G3/4" M (ISO 228-1)
Stroke on Circuit Control Valve	-
Manifold Balancing Chart	Please see next page

#### Features

Delivery manifold with flow meters with fluid shut-off function

Return manifold with hydraulic flow balancing valves and manual handwheel (M30 x 1.5mm connection), prearranged for thermoelectric command via actuators that can be installed after fitting the relative ring nut (to be ordered separately)

Drain valves and manual air vent valves, pressure gauge

Key for presetting

#### Key Features + Benefits

<b>5</b> Years Guarantee	 Self Balancing	 1" ISO Valves	<b>STAINLESS STEEL</b> Construction Material
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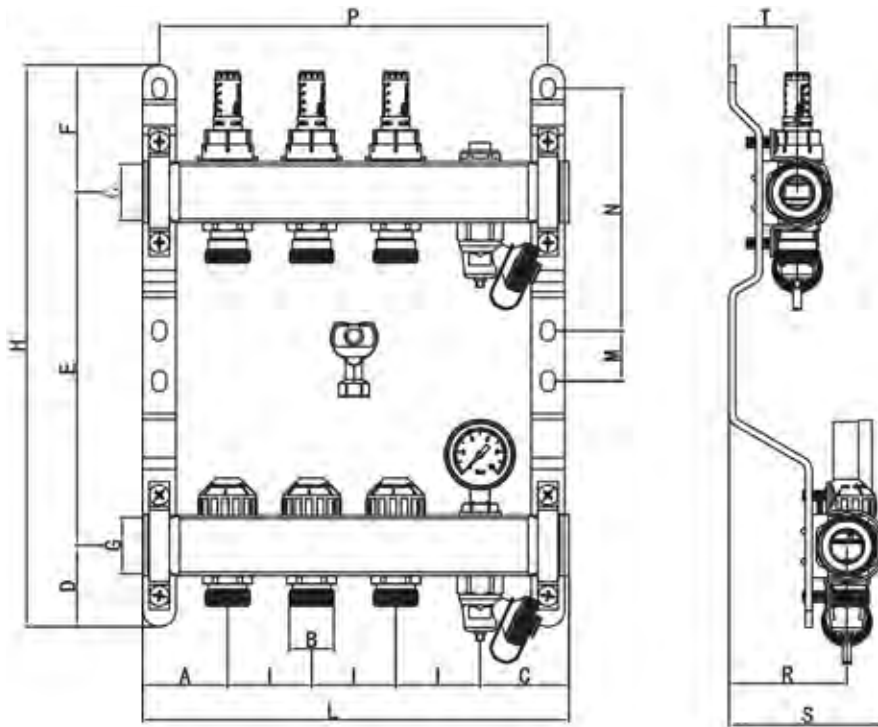
#### Certifications + Accreditations

## Technical Data Sheet | Hydronic UFH

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#### Dimensions

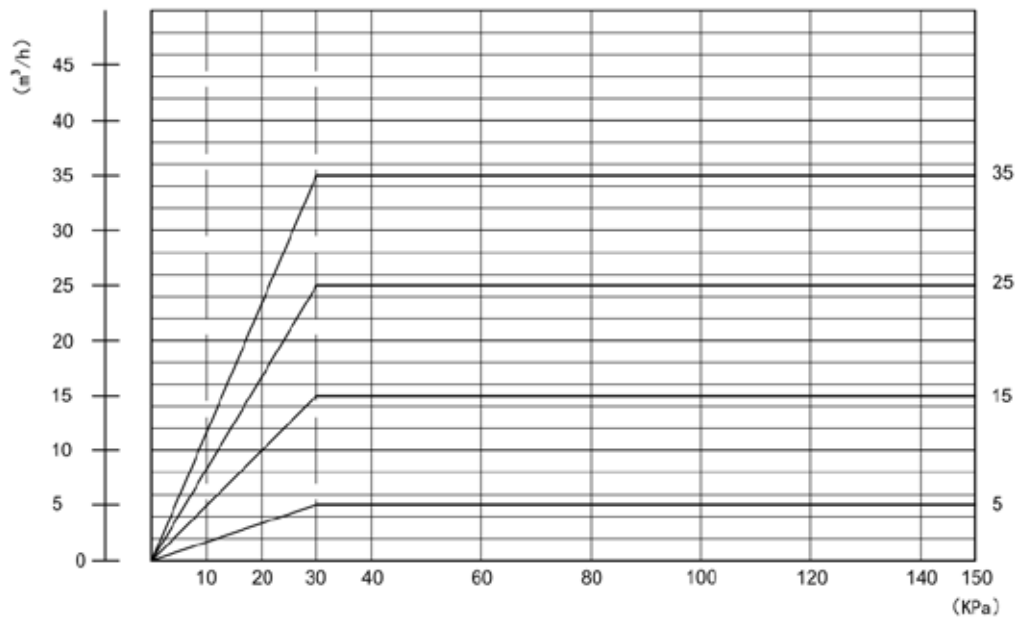


	No. of Outlets	Weight (kg)	A (mm)	B (inches)	C (mm)	D (mm)	E (mm)	F (mm)	G (inches)	H (mm)	I (mm)	L (mm)	M (mm)	N (mm)	P (mm)	R (mm)	S (mm)	T (mm)
<b>IN-116602-AB-BV</b>	2	3.28	50.5	G $\frac{3}{4}$	53	48.5	210	75.5	G1	334	50	203.5	30	144	181	70.2	94	40.7
<b>IN-116603-AB-BV</b>	3	3.69	50.5	G $\frac{3}{4}$	53	48.5	210	75.5	G1	334	50	253.5	30	144	231	70.2	94	40.7
<b>IN-116604-AB-BV</b>	4	4.1	50.5	G $\frac{3}{4}$	53	48.5	210	75.5	G1	334	50	303.5	30	144	281	70.2	94	40.7
<b>IN-116605-AB-BV</b>	5	4.51	50.5	G $\frac{3}{4}$	53	48.5	210	75.5	G1	334	50	353.5	30	144	331	70.2	94	40.7
<b>IN-116606-AB-BV</b>	6	4.92	50.5	G $\frac{3}{4}$	53	48.5	210	75.5	G1	334	50	403.5	30	144	381	70.2	94	40.7
<b>IN-116607-AB-BV</b>	7	5.33	50.5	G $\frac{3}{4}$	53	48.5	210	75.5	G1	334	50	453.5	30	144	431	70.2	94	40.7
<b>IN-116608-AB-BV</b>	8	5.74	50.5	G $\frac{3}{4}$	53	48.5	210	75.5	G1	334	50	503.5	30	144	481	70.2	94	40.7
<b>IN-116609-AB-BV</b>	9	6.15	50.5	G $\frac{3}{4}$	53	48.5	210	75.5	G1	334	50	553.5	30	144	531	70.2	94	40.7
<b>IN-116610-AB-BV</b>	10	6.56	50.5	G $\frac{3}{4}$	53	48.5	210	75.5	G1	334	50	603.5	30	144	581	70.2	94	40.7
<b>IN-116611-AB-BV</b>	11	6.97	50.5	G $\frac{3}{4}$	53	48.5	210	75.5	G1	334	50	653.5	30	144	631	70.2	94	40.7
<b>IN-116612-AB-BV</b>	12	7.38	50.5	G $\frac{3}{4}$	53	48.5	210	75.5	G1	334	50	703.5	30	144	681	70.2	94	40.7

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#### Manifold Balancing Chart



<b>Setting Position</b>	5	10	15	20	25	30	35
<b>Flow Rate (L/h)</b>	50	100	150	200	250	300	350
<b>Flow Rate (L/min)</b>	0.83	1.67	2.5	3.33	4.17	5	5.83