Inline balancing flow meter

NA223 series

Product information - PI 150 - Issue Date 03/2016

ISO 9001 FM 21654



Function

The NA223 is designed for direct inline balancing and control of flows to system circuits.Balancing valves offer a quick, easy and accurate method of adjusting the flow rates through solar and hydronic heating systems. Correct balancing of hydraulic circuits ensures optimum energy distribution, resulting in more efficient and economical operation in accordance with energy savings guidelines.

With an inline balancing flow meter, any qualified installer can set the appropriate flow for the system without costly measuring devices.

The flow measurement is based on the principle of a baffle float. The flowmeter is built into the housing. The balancing can be carried out with a screwdriver at the adjusting screw. The reading position is the bottom line of the baffle float.

The valve can be installed in a horizontal, vertical or inclined position. Care should be taken in order to ensure that the arrow is pointing in the direction of the flow.

Product range

NA223529 Inline balancing flow meter, 2 to 8 gpm scale .....size 1" union thread

Technical specifications

Materials

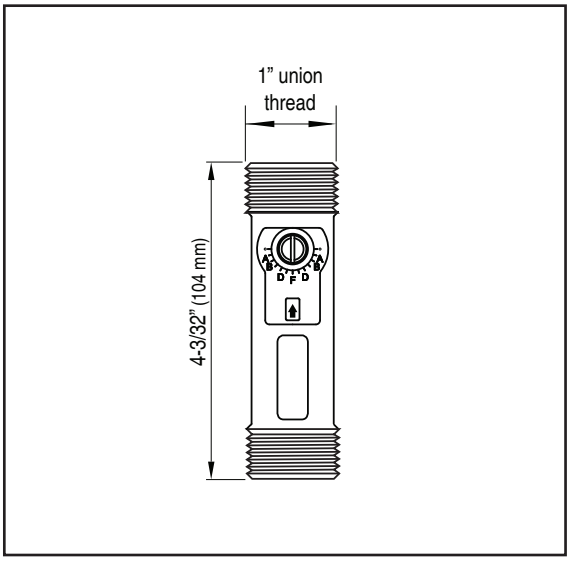
Valve

Body:	brass
Sight glass:	high-performance composite
Baffle float:	high-performance composite
Spring:	stainless steel
Seals:	EPDM
Stem guide bearing:	PTFE

Performance

Suitable Fluids:	water, glycol solutions
Max. percentage of glycol:	50%
Max. working pressure:	150 psi (10 bar)
Working temperature range:	32 - 250°F (0–120°C)
Flow range:	2 - 8 gpm (8 -30 lpm)
Flow coefficient, fully open:	Cv 5.8 (Kvs 5.0)
Measuring accuracy:	±10%
Connections:	1" union thread

Dimensions

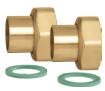


Fittings options



Two union nuts, washers and tail pieces.
Union connection set fits 1" male threads.

Code	Description
NA12240	½" NPT with 1" union nuts
NA12249	½" sweat with 1" union nuts



Two union nuts, washers and tail pieces.
Union connection set fits 1" male threads.

Code	Description
NA12250	¾" NPT with 1" union nuts
NA12259	¾" sweat with 1" union nuts



Two union nuts, washers and tail pieces.
Union connection set fits 1" male threads.

Code	Description
NA12260	1" NPT with 1" union nuts
NA12269	1" sweat with 1" union nuts

We reserve the right to change our products and their relevant technical data, contained in this publication, at any time and without prior notice.

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