Inline balancing flow meter

NA22 / 25 series

(shown with NA12259 connection kit)

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Application

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.

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

Operation

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.

Installation

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

NA255011	Inline balancing flow meter 1/2 to 5 gpm scale	1” male union
NA255013	Inline balancing flow meter 1 to 10 gpm scale	1” male union
NA2231305	Inline balancing flow meter 10 to 40 lpm scale	1” male union

Technical specification

Materials: - body:	brass
- sight glass:	high-performance composite
- baffle float	high-performance composite
- spring:	stainless steel
-seals:	EPDM
Suitable fluids:	water, glycol solution
Max percentage of glycol:	50%
Max working pressure:	150 psi (10 bar)
Temperature range:	32 - 250°F (0 - 120°C)
Flow range: - NA255:	1/2 - 5 gpm (1.9 - 18.9 lpm)
- NA255:	1 - 10 gpm (3.8 - 37.8 lpm)
- NA223:	10 - 40 lpm (2.6 - 10.5 gpm)
Measuring accuracy:	±10%
Connections:	1“ male union

Dimensions