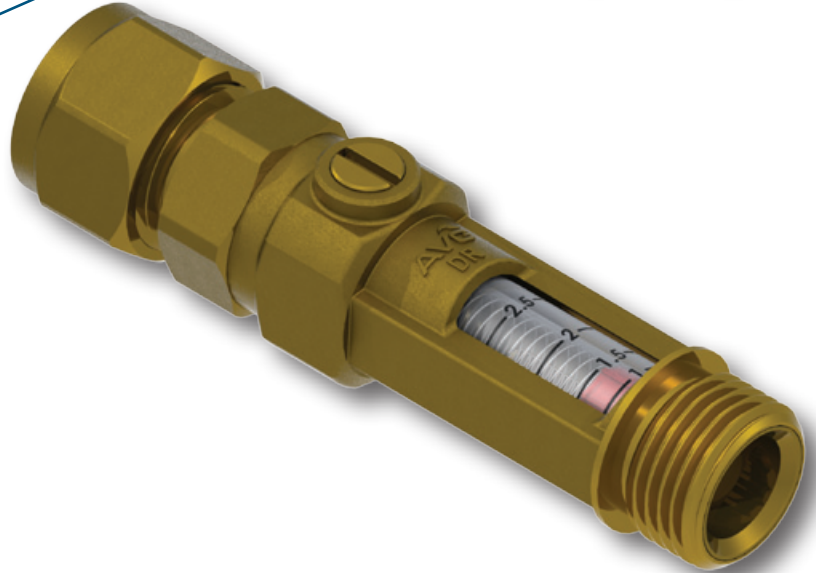


solar valves

Flow Meter

FM15C



FLOW METER

The AVG inline flow meter has been developed as guide for the plumber when commissioning the installation of a split solar hot water heater. The flow meter is designed using DR brass for resistance to dezincification and high temperature seals and plastic components to resist the high temperatures found in solar hot water heaters.

INSTALLATION

The AVG flow meter is installed within the pumped solar hot water flow line in a convenient position near the circulation pump. The flow meter can be installed in any position vertical or horizontal and care should be taken to ensure that the directional arrow marked on the valve is pointing in the direction of the flow. The flow meter comes complete with a built in regulating / isolating valve and easy to read flow rate scale.

COMMISSIONING

With the water heater and solar flow and return system fully charged and all the air expelled from the pumped lines the system is ready for commissioning. Using a screwdriver, close or open the regulating valve to give the required flow indicated by the underside of the red disc on the flow scale.

SPECIFICATIONS

Model:	FM15C-1.4	FM15C-2.5	FM15C-8
Scale accuracy :	± 10% (at 1.4 l/min)	± 10% (at 2 l/min)	± 10% (at 8 l/min)
Max operating temperature:	170°C		
Inlet Connection:	½" Compression with O-ring groove		
Outlet Connection:	½" Compression with Nut and Olive		
Standards references :	AS3688 (End connections designed according to AS3688) AS4020 (Same material as used in AS4020 approved products)		
Watermark:	WMKA020042		
Dimension A :	102 mm (total length), 71 mm (between tube stops)		
Dimension B :	27 mm		

