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FP50

Installation Methods

Within pipe work run	Washing machine, Dishwasher or Coffee machine	Outside or garage tap
 <p>3/4" BSP Isolation Valve</p>  <p>FP50 with Reset switch</p>  <p>3/4BSP Parallel Female fitting</p>	 	 <p>Tap</p>  <p>FP50 with or without reset switch</p>  <p>Hose Pipe etc.</p>

Operation

The device measures the number of continuous litres of water that have passed through it at any one time. If this quantity exceeds the set value, the device will automatically stop the flow until manually reset. However, if the water flow stops before the set value is reached, the device will mechanically and automatically reset the measured volume and be ready to restart a new measurement cycle. The Aquamfuse does not require any external electricity, it simply works by having water flowing through it. The device comes with a key to adjust the set value in multiples of 5-6 litres, adjustable between 2 and 50 Litres.

Orientation

For best performance the FP50 must be mounted vertically.

Calibration



Using the supplied plastic key, fit it into the slots as shown, Turn clockwise to increase, and anti clockwise to decrease the quantity of water required. For washing machines set to position 8 and dishwashers to position 4

Reset after shutdown

If the FP50 is fitted with a reset switch, turn off the water supply and push the red button toward the body of the device. If no reset switch is fitted, remove the FP50 from the water supply to reveal red pip positioned in the centre of the device as shown above. Pressing the red pip will reset the FP50.

General characteristics

¾" - threaded female connection in the inlet (North America-GHT / Europe-BSP).

¾" - threaded male connection in the outlet (North America-GHT / Europe-BSP).

Vertical assembly preferred.

Maximum volume value settable by 10 setting notches

Every notch increases the set volume of 5 +/-1 l/min

Food grade (WRAS, NSF pending)

2002/95/EC Directive (RoHS)

Technical Data

Ambient temperature

2 °C - 60 °C

Fluid temperature

2 °C - 70 °C

Operating pressure

0.02 - 1 MPa (0.2 - 10 bar)

Flow rate

From 2 to 30 l/min (from 0.53 to 7.9 gpm)

Resistance to bursting

> 5 MPa (> 50 bar) at 25°C

Rated life-span

> 300000 litre (> 79000 gal)