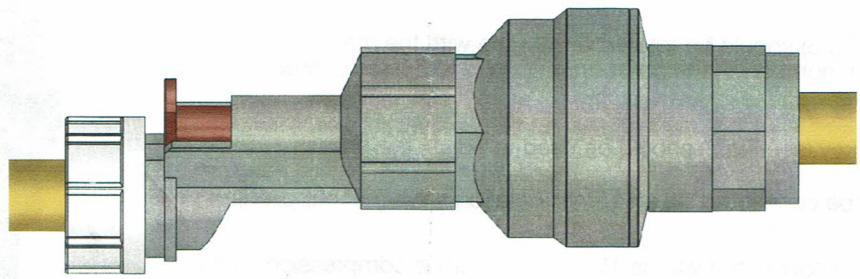
HE45004 Water Block

BOILING | CHILLED | SPARKLING

IT'S WATER. REFRESHED.

Please read these instructions carefully before commencing installation of the HE45004 Water Block.

Please leave these instructions with the end user after installation.



Description

The Zip HE45004 Water Block is designed to be installed upstream of any Zip product and associated pipe-work to minimise the potential for water leakage in the event of a system malfunction.

Zip HE45004 Water Block is ideal for limiting potential leakage and resulting water damage from water heaters, water chillers etc. when fitted in supply pipe work that is subject to mains water pressure.

Once set, the Water Block will ensure that the volume of water that can flow through at one time is limited to a pre-determined maximum, providing the flow rate through it exceeds 2 litres per minute.

The Zip HE45004 Water Block also incorporates a non-return valve.

The Zip HE45004 Water Block is WRAS approved.

Specification

Flow control range	5 – 50 litres
Minimum/Maximum pressure	0.2 – 10 bar
Maximum ambient temperature	40°C
Maximum water temperature	70°C
Minimum operating flow rate	1.5 +/- 0.5 l/min
Inlet connection	¾" BSP female or 15mm
Outlet connection	¾" BSP male or 15mm

Precautions

The Zip HE45004 Water Block will help to contain leakage exceeding a rate of 2 l/min.

NOTE The leakage at lower flow rates may not be detected by the Zip HE45004 Water Block and could remain unchecked.

Appropriate measures should be taken to contain leakage in these circumstances.

Installation

NOTE This device must be installed vertically with the direction of flow downwards (inlet at the top , outlet at the bottom. See Fig 1 adjacent).

The Water Block should be installed in a convenient location on the water supply line to the Zip product.

Pointer 'P' (see Fig.3) should be rotated until in line with the maximum required flow at one time. Each number on the scale corresponds to 5 litres of flow i.e. 1 = 5 litres, 10 = 50 litres.

The adjustment key (see Fig.2) should be used to adjust the pointer.

The inlet should be connected via an 15mm isolation valve (not supplied).

The outlet shall be connected via the 15mm - 1/2" brass compression fitting supplied.

Ensure that the direction of flow through the Water Block is correct and that the filter screen (see Fig.2) is inserted correctly with the convex surface facing towards the water supply.

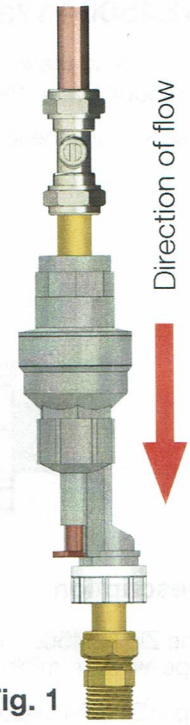


Fig. 1

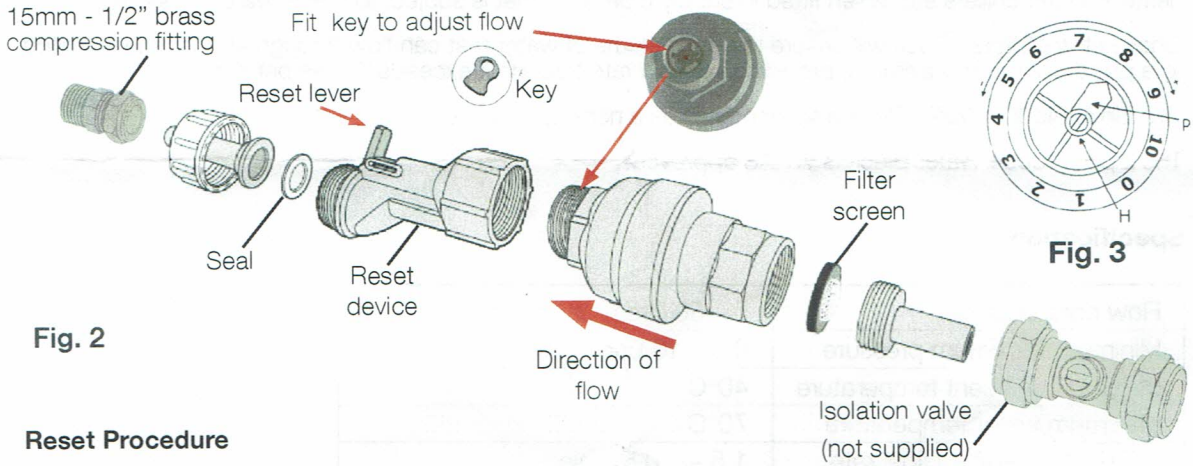


Fig. 2

Fig. 3

Reset Procedure

The Water Block will activate and shut off the supply if more water than the set amount is drawn off at one time.

In this event firstly isolate and de-pressurise the water supply to the Water Block, identify and repair the cause of the leak then remove the pipe-work downstream of the Water Block and press the reset button 'H' (see Fig.3).

The reset device (see Fig.2) may be fitted to avoid disconnection. This allows the Water Block to be reset by operating the lever in the direction shown in Fig.2.

In the event of persistent tripping contact Zip for advice on 0345 6 005 005.

Maintenance

The filter screen should be checked and cleaned periodically subject to water conditions and usage.

Contact details

Zip Water UK
14 Bertie Ward Way
Dereham
Norfolk
NR19 1TE

Website: www.zipwater.com/uk
Email: sales@zipindustries.co.uk
Telephone: 0345 6 005 005