

POU Installation Rail with Carbon Filter (PFRAILKIT)

The following information is provided to facilitate connecting a POU Water Cooler to mains water.

PFRAILKIT Component overview



1. 15mm Compression Equal Tee (brass) (**CONT15**)
 - 1a. 15mm Compression Equal Elbow (brass). To use when the mains pipe is in a vertical position, so that the Water Block can be installed vertically (it does not work in a horizontal position) (**CONE15**)
2. Installation Rail, consisting of
 - a) Short length 15 mm copper tubing to connect to Equal Tee (or Equal Elbows)
 - b) 15mm Compression Double Check Valve with isolation tap (**VCD**)
 - c) Pressure Reducing Valve set at 2.5 to 3 bar (**PRV**)
 - d) Water Block (non return valve and safeguards against flooding. (See below about the water block). **MUST BE INSTALLED VERTICALLY POINTING DOWNWARDS (WBLOC)**)
 - e) John Guest 3/4" BSP to 1/4" push-fit reducer (**REDU3414**)
 - f) Carbon Block Filter Candle (**FILTCAR**)
 - g) Green (re-usable) Filter Housing (**FILTHOU**)
 - h) 3metres of 1/4" John Guest Tube
 - i) Clip for the Filter Housing (**FILTCLIP**)

How to connect the PFRAILKIT

1. Isolate water supply at stop cock or isolation valve.
2. Cut the copper pipe leaving enough room to install your T-piece or elbow compression fitting (The use of clips to support the pipe work is recommended).
3. Then install the PFRAILKIT Remembering that the Water Block must be in a vertical position pointing down.
4. **Thoroughly check all pipe work for leaks before commissioning**



About the Water Block

The Water Block is designed to prevent large scale flooding by limiting the amount of water (dependent upon the setting) that passes through in one flow. The Water Block should be installed in a vertical position with the flow direction pointing down.

To set the flow meter on the Water Block use the white key provided to move the arrow to number 1 on the inside of the rim. This will limit the flow to 4.5 ltr. If the arrow points to 2, the flow will be limited to 9 ltr etc. In the event that the water block shuts the water off the pink button in the centre of the block will pop out. Simply depress the button to reset