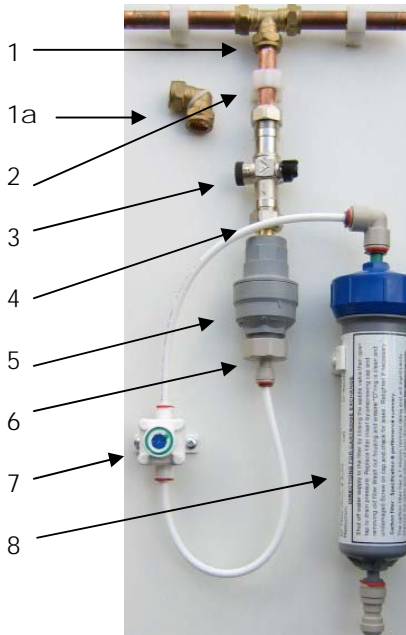




PFRAILKIT for Hard Plumbing of POU Water Coolers

The following information is provided to facilitate connecting a POU Water Cooler to mains water. The PFRAILKIT components are designed for Hard Plumbing (as opposed to using a tap valve).



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. 10cm length of 15mm copper tubing (**TUBECOP1510**)
3. 15mm Compression Double Check Valve with isolation tap (**VCD**)
4. 3/4 BSPm x 15mm brass stem (**REDU3415**)
5. Water Block (non return valve and safeguards against flooding. (See below about the water block). *MUST BE INSTALLED VERTICALLY*) (**WBLOC**)
6. John Guest 3/4" BSP to 1/4" push-fit reducer (**REDU3414**)
7. Pressure Reducing Valve (Factory set to 2.5 bar & directional) (**VPR**)
8. 1 Micron Nominal Carbon Block Filter complete inc fittings (**FILTCARHOU + 2 X CONE3814 or CONS3814**)

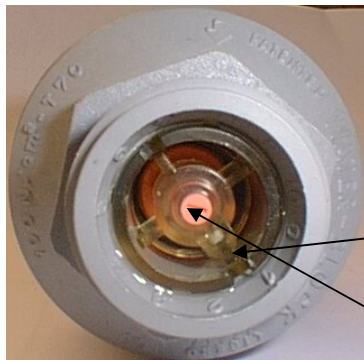
The AA First part number for the above kit is (**PFRAILKIT**)
The individual part numbers can also be seen above in bold & brackets.

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). The cut piece of copper can be used to connect the Brass T-piece to the Double Check Valve.
3. Then install the PFRAIL components in the order shown in the picture above, remembering that the Water Block must be installed vertically.
4. Thoroughly check all pipe work before commissioning & leaving site

About the Water Block

The Water Block is an important part of the Plumbing and Filter Kit. It is highly recommended on all installations. The Water Block is a backflow prevention device. It also prevents large scale flooding by limiting the amount of water (dependant upon the setting) that passes through in one flow. Therefore it is important that the Water Block is connected at the mains supply, vertically and not any further down stream.



1. 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. Each incremental number raises the flow limit by 4.5 litres.
2. 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 the water block