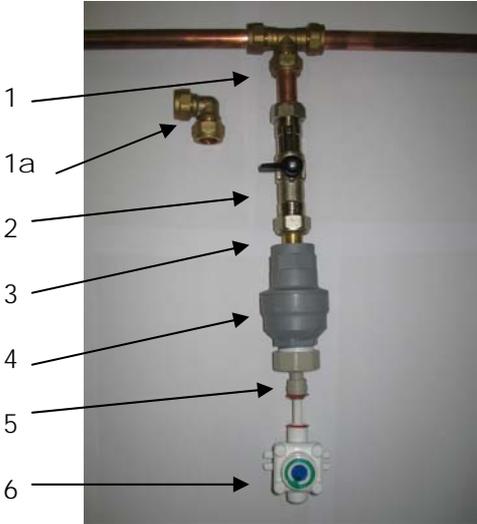


Hard Plumbing of Mains-fed Water Coolers

A hard plumbing kit should only be connected to mains water. If you are in any doubt please consult a Plumber or the Building/Facilities manager or The Watercooler Company. The components of the hard plumbing kit have been selected to ensure that the installation complies with WRAS guidelines.



Component overview

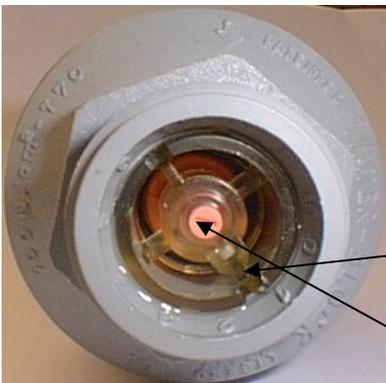
1. 15mm Compression Equal Tee (brass)
 - 1a. 15mm Compression Equal Elbow (brass). To use when the mains pipe is in a vertical position, so that the Water Block can be installed vertically (it does not work in a horizontal position)
2. 15mm Compression Double Check Valve with isolation tap
3. 3/4 bspm x 15mm brass stem
4. Water Block (non return valve and safeguards against flooding. (See below about the water block). *MUST BE INSTALLED VERTICALLY*)
5. John Guest 3/4" BSP to 1/4" push-fit reducer
6. Pressure Reducing Valve (Factory set to 2.5 bar & directional)
7. Four metres of 1/4" john guest flexi-pipe

The hard plumbing kit can be used with our one Micron water Filter with push fit housing & 2 connectors or with other commercially available Filters.

How to connect the hard plumbing kit

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 is to be used between the Brass T-piece & the Double Check Valve.
3. Then install the hard plumbing kit 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

Costing for hard plumbing kit

Hard plumbing kit including components above from 1 to 7 - £50 excluding VAT
 Customers will also need to purchase a water filter and filter housing - £25 excluding VAT

Customers may prefer The Watercooler Company engineers to hard plumb their water cooler. Please call 0845 500 4455 for a quotation. We can hard plumb watercoolers for clients - where cooler is to be four metres from nearest water source - for £120.00 excluding VAT. Please contact us for quotes on multiple units.