

## POU Installation Rail with Brita Scale Filter & Carbon Block Filter (BPFRAILKITCOS)

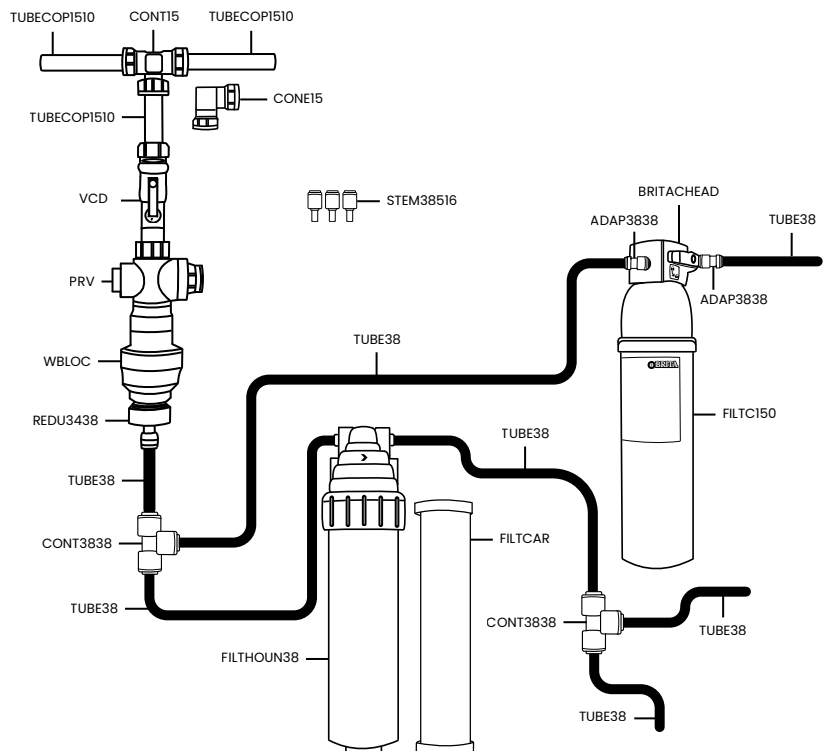
The following information is provided to facilitate connecting a POU water boiler to mains water. If you are in any doubt, please consult a plumber or the building/facilities manager. The components in this kit have been selected to ensure that the installation complies with WRAS guidelines.

### Component Overview

|                                             |             |                                                    |            |
|---------------------------------------------|-------------|----------------------------------------------------|------------|
| 15mm brass compression equal T piece        | CONT15      | 3/8" John Guest pushfit T piece (x2)               | CONT3838   |
| 15mm brass compression equal elbow piece    | CONE15      | 3/8" John Guest pushfit stem adaptor (x3)          | STEM38516  |
| 15mm copper tubing (10cm)                   | TUBECOP1510 | Reusable filter housing (3/8" head)                | FILTHOUN38 |
| 15mm double check valve & isolation tap     | VCD         | Carbon block filter candle                         | FILTCAR    |
| Pressure reducing valve (2.5-3bar)          | PRV         | 3/8" BSP to 3/8" John Guest pushfit connector (x2) | ADAP3838   |
| Water block & non-return valve              | WBLOC       | Brita filter head (3/8" assembly)                  | BRITACHEAD |
| 3/4" BSP to 3/8" John Guest pushfit reducer | REDU3438    | Brita C150 resin scale filter                      | FILTC150   |
| 3/8" John Guest tubing (2m)                 | TUBE38      |                                                    |            |

### Installation Instructions

1. Isolate water supply at stop cock or isolation valve.
2. Cut the copper pipe leaving enough room to install the T piece (or elbow piece if the mains pipe is in a vertical position).
3. The cut piece of copper can be used to connect the brass T (or elbow) piece to the double check valve.
4. It is recommended to use support clips for pipe work.
5. Install the BPFRAILKITCOS components in the order shown in the diagram.
6. Check that the water block has been installed vertically with the flow direction pointing down.
7. Follow Brita's installation instructions for flushing the C150 scale filter when installing and replacing the filter.
8. Ensure the carbon filter has been flushed for 2 minutes before connecting to the cooler.
9. Thoroughly check all pipe work before commissioning and leaving site.



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