

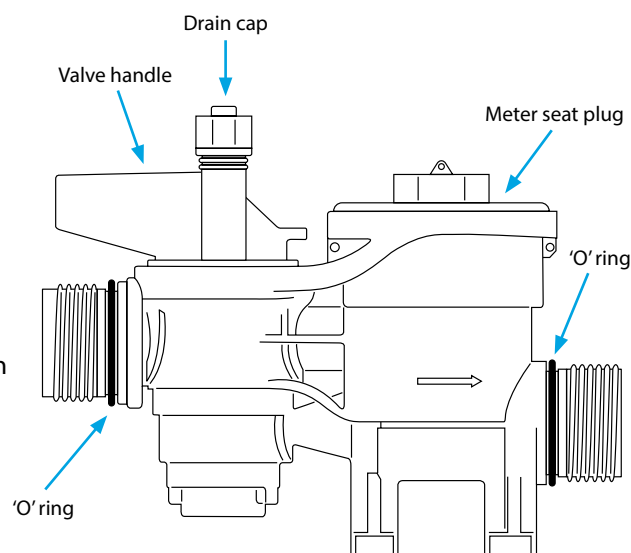
PLASSON[®] MCP



Assembly & User Guide

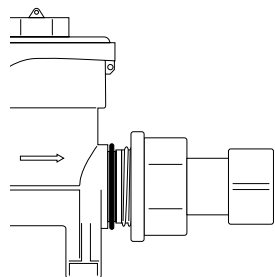
The MCP is designed to fulfill the following functions:

- Quarter turn high flow mains stop valve
- 1 1/2" Class D concentric meter connection with full flow
- Approved double check valve built in under meter seat
- Drain point that isolates property from main supply while in drain position
- Space saving monobloc design for quick and easy installation
- NBR & EPDM sealing throughout for complete water tight integrity
- UK Water Reg4 compliant: KUKreg4 2104712

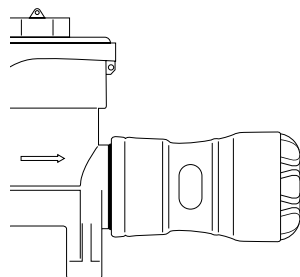


Connections:

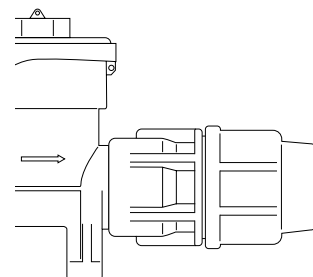
The PLASSON MCP can be supplied with various connectors for different pipe applications.



MCP union 3/4" x 1" adaptor for connection to PLASSON manifold.



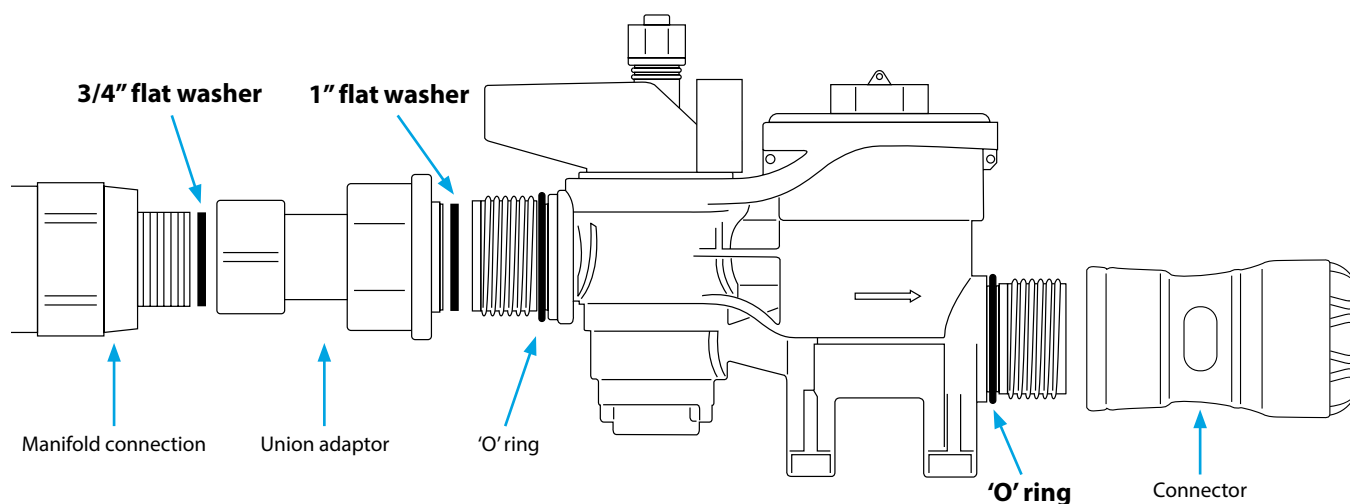
Pushfit connection to 15mm, 22mm and 28mm Cu/PB/PEX.



Mechanical connection for PE and adapting to other pipe types.

To assemble:

MCP union adaptor: ensure washers are in place before tightening. The 'O' ring on the MCP unit is not used in this application. Pushfit/mechanical connectors: These fittings seal on the 'O' ring supplied on the MCP unit.



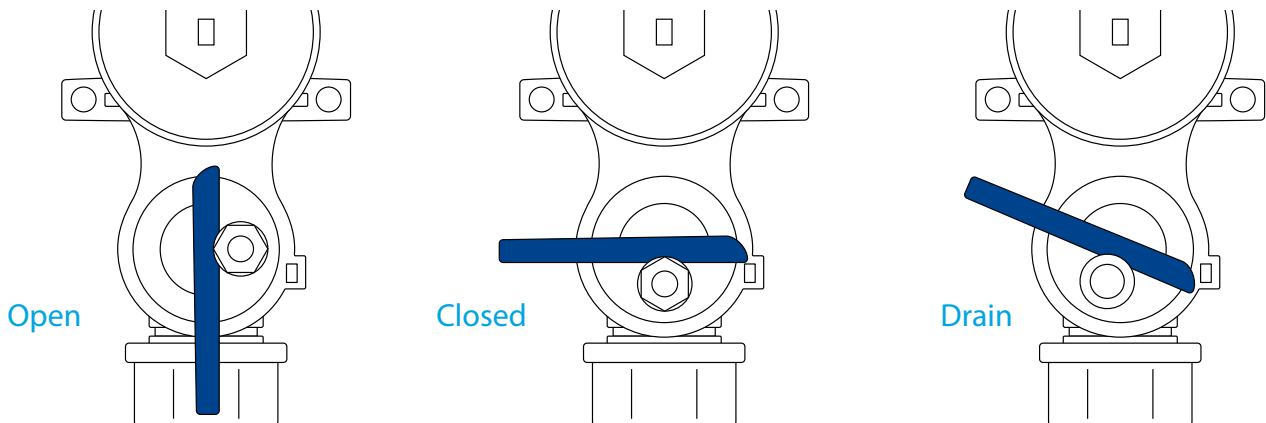
Installation:

Check connections on downstream and upstream sides of the MCP are tight. The meter seat plug supplied with the MCP unit is a full flow cap to allow filling, flushing and commissioning of the system. Do not over tighten the meter plug as this will cause the 'O' ring seal to be displaced.

Please ensure the system is vented when first charging the pipework to ensure air can escape from the system. Failure to do so may result in the meter plug blowing out.

To operate:

When the valve handle alignment is in line with the ends of the fitting, the main water supply will flow through the fitting. Turn this handle 90 Degrees clockwise, this closes the water flow. It is not unusual for the handle to be tight: use grips to operate if necessary.



To drain:

To drain the downstream pipework, close the valve. Remove the cap from the spigot in the handle, attach a hose, then gently turn the valve handle a further 30 degrees clockwise to the stop. On completion of the drain down, turn the valve back 30 degrees to the closed position, remove the hose and replace the cap. To open, return handle to be aligned with ends by rotating it 90 degrees anti-clockwise.

Note: The drain function prevents water flow from the incoming main, isolating the MCP.

Fitting a water meter:

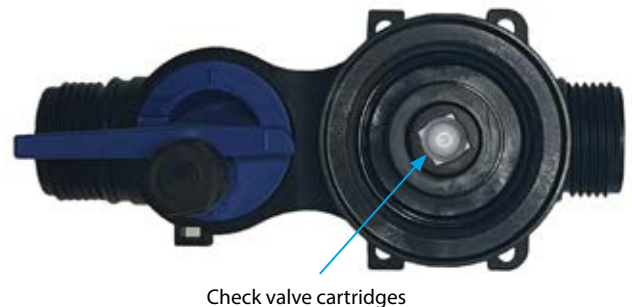
First flush the pipework to remove any debris before installing the meter. Close the water supply and remove the meter seat plug and seal. Screw the meter into position being careful to ensure both internal and external seals are in place. Turn the water supply back on.

Fixing the MCP unit:

The MCP unit can be screwed to a wall/board if required. The feet of the unit have 6mm diameter holes, screw size should be nominal diameter 5.5mm and have a head with a flat bearing surface, do not use countersunk screw heads. Do not over tighten the fixing screws, ensure the MCP unit is not stressed or twisted due to over tightening or poor pipe alignment.

To service:

To service, the water supply must be turned off and the meter removed before the removal of the check valve cartridges which are under the meter seat. To remove the cartridge, simply unscrew from the meter mount.



Check valve cartridges

For full details on the PLASSON MCP system contact PLASSON 01444 244446, www.plasson.co.uk