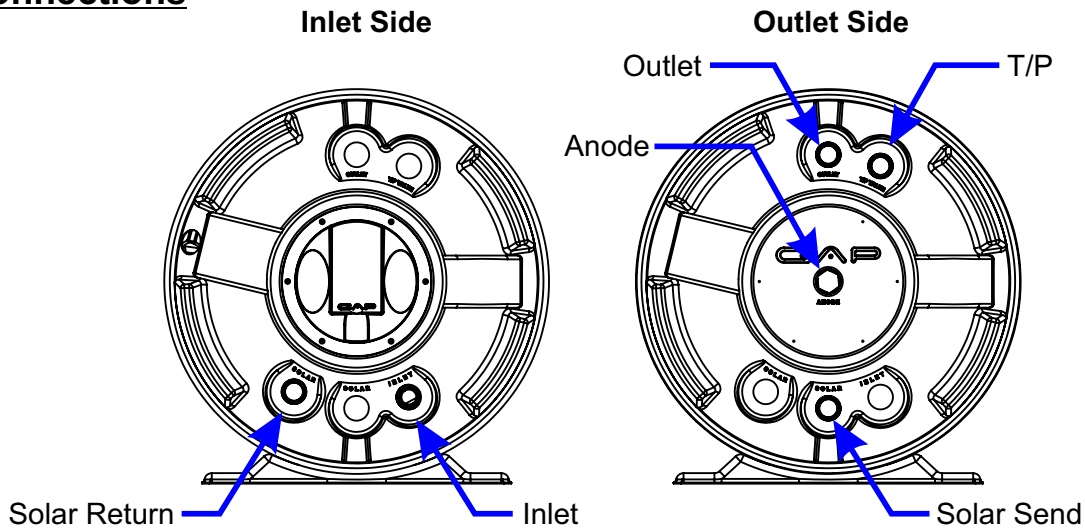


Pipe connections



Inlet Side (cold water)

1. Connect the anti-siphon loop (a) to the Drain cock (b).
Note: Anti-siphon loop must be at least equal to the height of the geyser.
2. Water supply must be supplied from a PRV (c) with a pressure rating of 400 kPa or less. Overflow pipe (h) from PRV must exit the building at a downward slant.
Note: PRV should have a gate valve and filter, if they are not present please add before the PRV.
3. A connection (d) after the PRV but before the anti-siphon loop should provide Balanced cold water to the cold water taps in the building.
4. The vacuum breaker (e) needs to be mounted as shown, a minimum of 300mm above the anti-siphon loop.
5. If no solar or heat pump system is installed, using a galvanised stopper, plug the solar port (f).
6. Overflow pipe (g) from the drip tray must exit the building at a downward slant.
7. Electrical cover (i) must be replaced after connecting the electrical components.

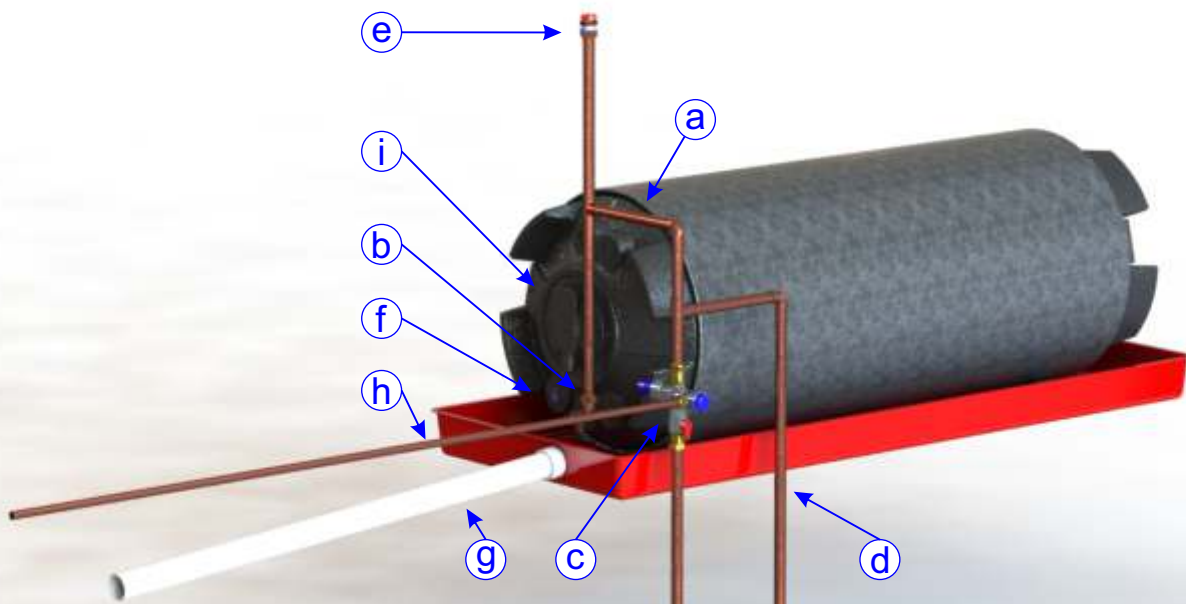
NB.: Only Conex (compression) type fittings are to be used directly on the Geyser.

All fittings connected to the Geyser must be sealed using PTFE (plumbers) tape.

Make sure all fittings are correctly sealed with no leaks.

Drip tray must be correctly supported and mounted over Load bearing roof members.

Installation must be performed by a registered plumber and must comply with SANS 10254.



Outlet Side (Hot water)

1. Connect pipe to out let (a) of the geyser, make sure the Tee connector leading to the vacuum breaker is at least 200mm (d) (diagonally) from the out let of the geyser.
2. Using a Tee connector (b) connect to the hot water connections of the building.
3. Vacuum breaker (c) must be installed a minimum of 300mm above the out let of the geyser.
4. Attach the T/P valve (e) to the geyser and rotate to allow for pipe connections, and a downward flow of water.
5. Using metal piping allow the T/P valve pipe (f) to exit the building at a downward angle.
Note: use only 45° elbows (g) when directing the pipe.
6. If no solar or heat pump system is installed, using a galvanised stopper, plug the solar port (h).
7. Allow a minimum of 900mm clearance from the outlet side of the geyser to allow for maintenance of the anode (i).
8. Using copper bonding strip (j) or similar electrically bond the inlet and outlet pipes.

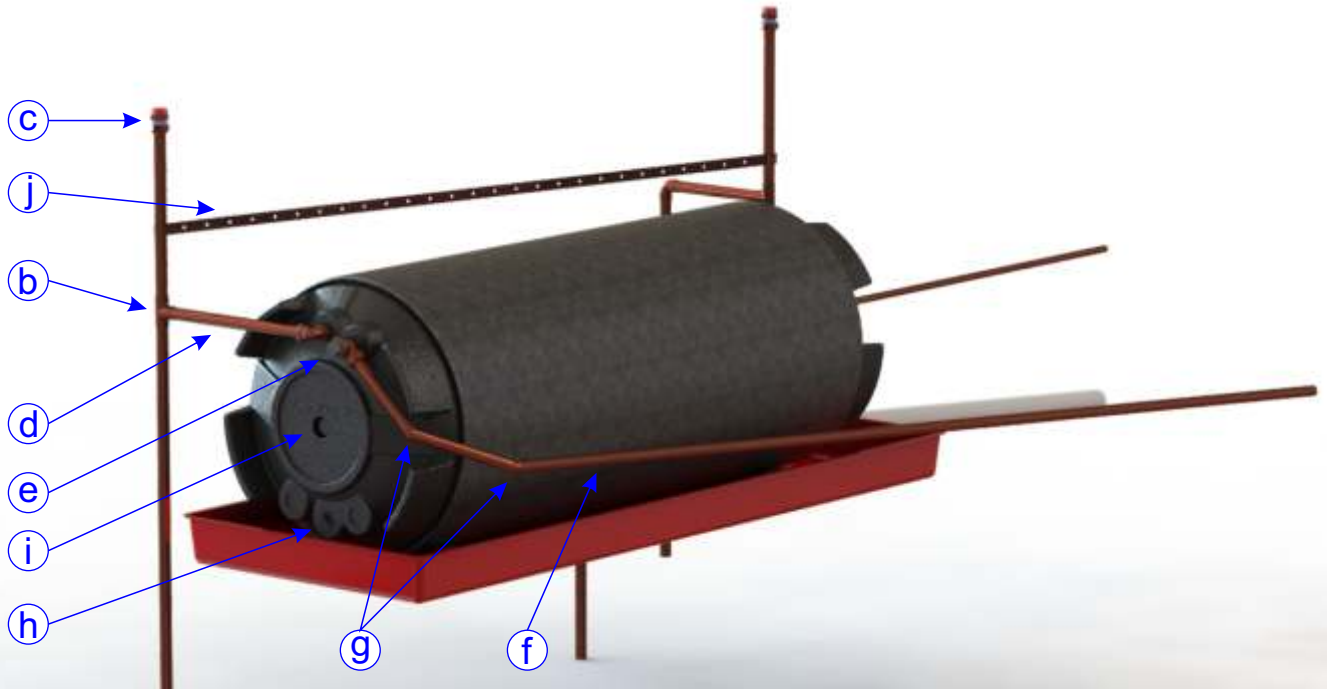
NB.: Only Conex (compression) type fittings are to be used directly on the Geyser.

All fittings connected to the Geyser must be sealed using PTFE (plumbers) tape.

Make sure all fittings are correctly sealed with no leaks.

Drip tray must be correctly supported and mounted over Load bearing roof members.

Installation must be performed by a registered plumber and must comply with SANS 10254.



Electrical connection.

1. Connect both Live (a) and Neutral (b) to the isolator switch using the propriety sized wiring for the purpose.
2. Connect both Live (a) and Neutral (b) to the Thermostat, using the propriety sized wiring for the purpose.
3. Connect Earth (c) form DB Board to Earth bonding on Geyser Flange lid.

Note: Thermostat must be securely fitted to the Element.

All wiring connections must be securely fastened.

This operation should be performed by a qualified Electrician.

