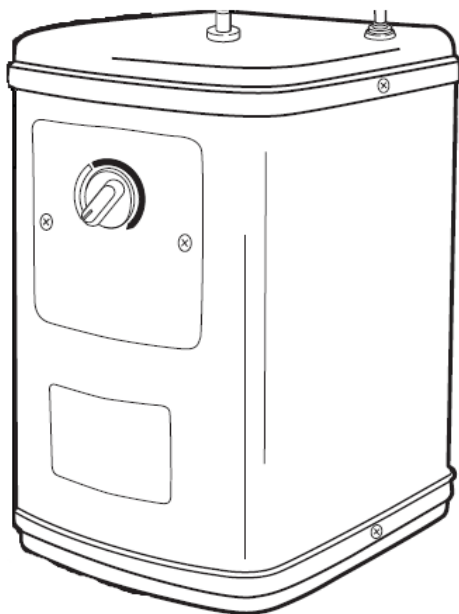


Tank Installation

Components

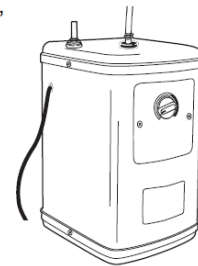
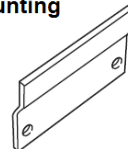
When purchasing the Instant Hot Water Tank, the appliance packaging should include the following components:



quick-connect fitting



tank mounting bracket



tank

quick-connect fitting with filter and cap



Materials required (not provided)

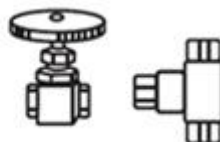


2 mounting bracket screws
(and 2 plastics anchors if
attaching to drywall)

6.4 mm (1/4")
O.D. copper
tubing



shut-off valve
and "T" fitting



saddle valve kit to fit
water supply line

(Connections must meet all local regulations)

Tools and Safety Equipment you may need (not provided)

- Ruler or measuring tape
- Pliers
- Safety glasses
- Hand or electric drill
- 27 to 35mm (1¹/₁₆" to 1³/₈") drill bit if no sink hole exists
- Tubing cutter
- Open-end wrench (es)
- Gloves
- Bucket and pan

Tap Compatibility

Use only the vented tap supplied, connecting any other taps may damage the tank and invalidate the warranty

IMPORTANT INFORMATION

This hot water dispenser produces instant hot water from the tap at approximately 88°C (190°F). This product is not intended to produce a continuous flow of hot water. The standard model will produce up to 50 cups of hot water per hour at approximately 88°C (190°F). Due to high water temperature and for safety the tank is not under pressure. Therefore, there is a slight delay of water flow after the tap has been opened. This is normal and indicates that the expansion chamber is functioning properly.

IMPORTANT SAFETY INSTRUCTIONS

PLEASE READ ALL INSTRUCTIONS VERY CAREFULLY

When using electrical appliances, basic safety precautions should always be followed including the following:

1. Read all instructions
2. To be protected against electrical shock, do not place cords or appliance into water or any liquid.
3. Do not use any appliance with a damaged cord or after the appliance malfunctions. Return the appliance to the factory for examination, repair or adjustment. See warranty insert.
4. Do not use it outdoors or in a damp area.
5. Do not let the cord hang over the edge of a table or counter, or touch hot surfaces.
6. Do not use the appliance for any other purpose than intended, domestic use only.
7. When using this appliance, provide 10 to 15cm of air space around the unit for better air circulation.
8. Do not attempt to service this product. Repairs should be done by authorized service personnel.
9. Do not let children operate it. Hot water can cause severe burns.

SAVE THIS INSTRUCTIONS. THIS PRODUCT FOR HOUSEHOLD USE ONLY

These instructions contain important safety information to make you aware of potentials hazards that can cause serious injuries.

Please pay great attention to the information in this book.

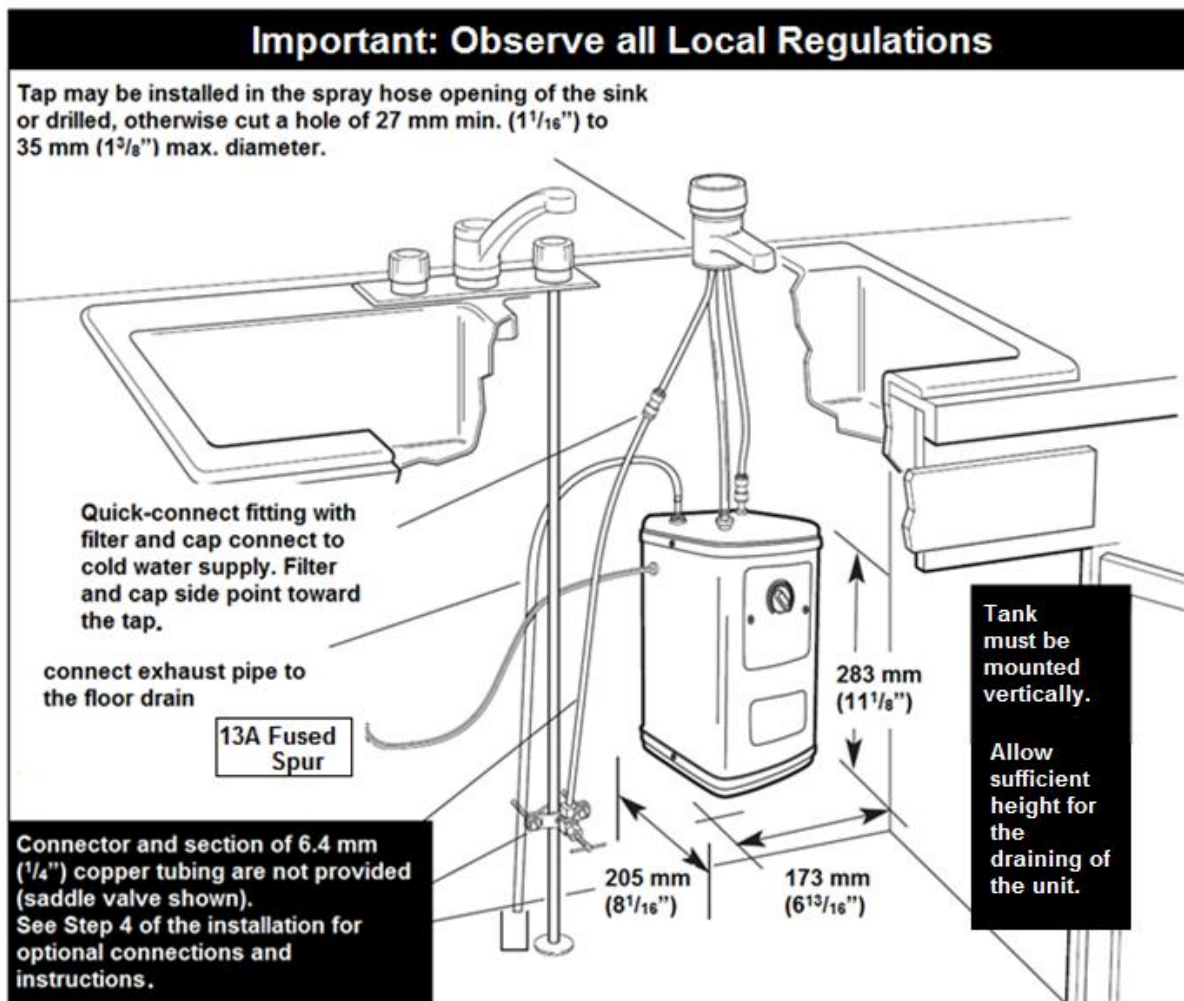
Failure to comply with these instructions can result in property damage, serious injury.

HOT WATER CONCEPT

Unlike household water this dispenser tank is not pressurized for safety purpose. For a conventional household water heater the valve of the tap is placed after the heater tank resulting in a pressurized tank. For this hot water dispenser, the valve of the tap is placed before the tank, creating an "open vent" style tap and consequently no pressure is built up inside the tank.

OVERVIEW

1. Make sure that you have all the parts, tools and materials necessary as suggested in the manual.
2. Determine a convenient location to mount your tank in comparison to the tap location. This can be an existing hole on the top of the sink (spray hose opening for example) or you may drill another hole into the sink or counter-top. As you determine the location of your tap, consider the container you will use with the appliance such as a large sauce pan. Location of the hole should also provide easy access to the tank connections.
3. The thickness of the sink or counter will depend on the type of tap installed:
For Tahoe and Laguna series (H510 & H520) 2.00" max
For Sonoma and Sierra series (H610 & D620) 2.60" max
For Coronado and Madera series (H710 & D720) 3.00" max
4. Before connecting the power to the source, the tank should be filled with water and the thermostat turned to OFF position.
5. Do not use an extension cord with this appliance. Providing a power supply from a 13A fused spur is advisable, however, using the supplied plug is acceptable. This appliance must be within 914 mm (36") from the power source.
6. Plumbing connections must comply will all local regulations.
7. Do not use any pipe sealing compounds as they may get inside causing undesirable taste and odour



INSTALLATION

Before you begin

Determine where you will install your hot water appliance. The tap can be mounted in an existing hole in the sink (spray hose, etc.) or drill a 27 to 35mm ($1\frac{1}{16}$ " to $1\frac{3}{8}$ ") hole in your sink. If you want to use the spray unit or if you don't have a hole in your sink you will have to drill a new hole.

For stainless steel sink: You can use a 27 to 35mm ($1\frac{1}{16}$ " to $1\frac{3}{8}$ ") knockout punch available at most DIY shop or drill a hole with an expandable drill

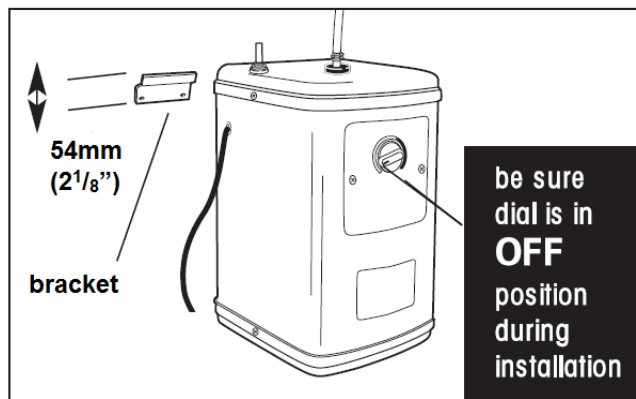
For porcelain or cast iron sink: Proper tools are required, if you are not familiar with this process please seek advice from a professional plumber.

Do not attempt to drill without special tools as you may severely damage your sink.

Step 1 – Mounting Tank

Position tank vertically beneath the tap so the flexible tube reaches the centre of the tap supply tube, tank should touches the wall. Mark the wall at the top of tank. Set tank aside. Mark a second line 54mm ($2\frac{1}{8}$ ") below the first line.

Align the bottom of the bracket with the second line and screw into the place. If a stud is not available, drywall anchors may be used for traditional support. Hang tank on bracket



NOTE: The tank must be positioned so the hose of the tap does not twist or kink
Ensure enough clearance is available at the base of the tank for draining purpose

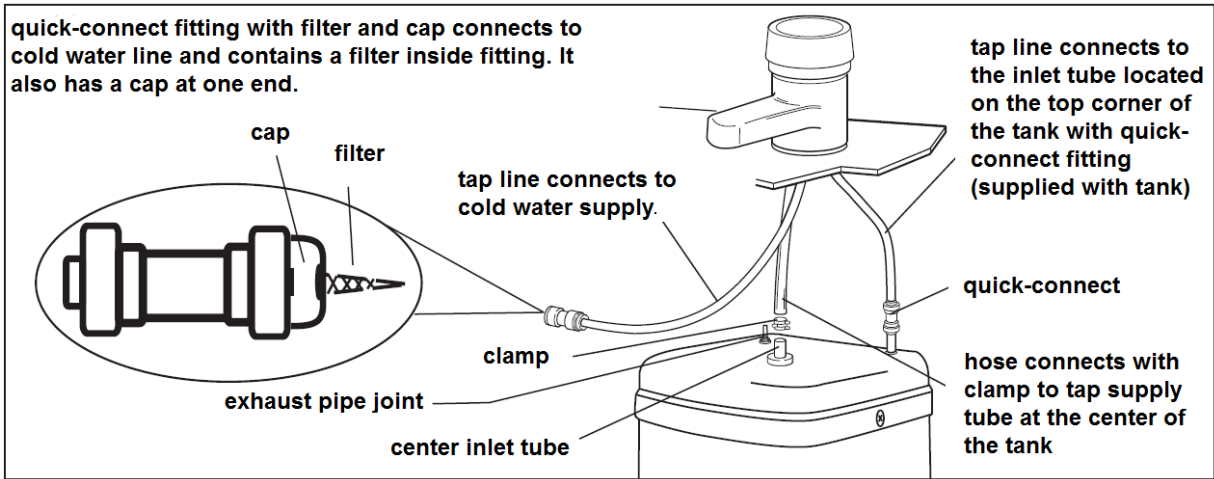
Step 2 – Install Tap Follow the instructions included with the tap.

Step 3 – Connect Tap to Tank

Connect 6.4mm ($\frac{1}{4}$ ") the copper pipe to the rear tube at the top corner of the tank with the quick-connect fitting supplied with appliance. (Do not use the quick-connect fitting with filter and cap). Push the line straight into quick-connect fitting as far as possible for both connections.

Use pliers to open clamp and thread hose through clamp then push fully onto the centre inlet tube on the top of the tank. The clamp should create a secure connection when properly installed

Ensure that the hose is not twisted or kinked. Hose may be shortened if necessary



Step 4 – Connect Cold Water Supply

Check filter in quick-connect fitting

The cone-shaped screen filter comes seated inside the quick-connect fitting with the narrow end pointing towards the cap which is also attached to the fitting. (The open or wide end of the screen is inserted into the fitting). However the filter may be displaced in the shipping process. Check to see if it is seated correctly within the fitting. If the cap is still in place, pop the cap off by slipping a screwdriver into the notch and lift it off. Gently pull on the screen. If it comes loose, push it until it snaps into its place.

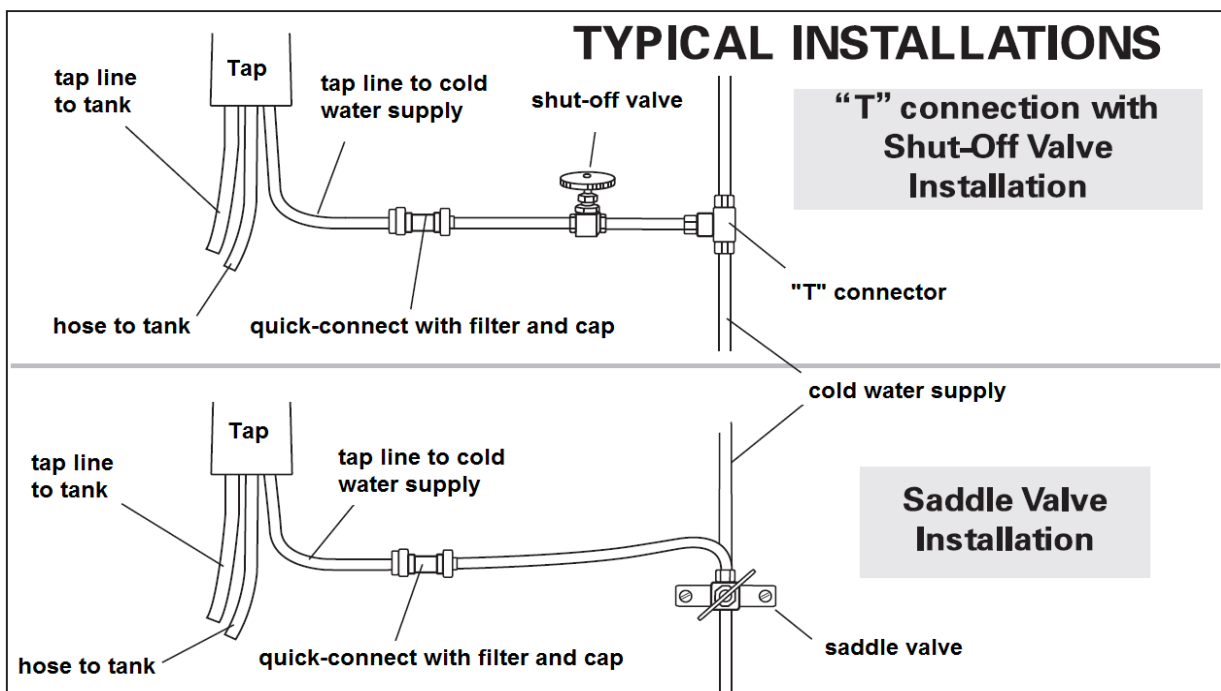
If installed properly a gentle pull should not displace it.

Refer to installation instructions provided with tap if necessary

Cold water is supplied to the tank through the cap. Connect the cold water line to the tap using the 6.4mm ($\frac{1}{4}$ ") supply line and the quick-connect fitting that contains a cone shaped screen filter (supplied with the tank). The end of the cap fitting should connect with the tap line.

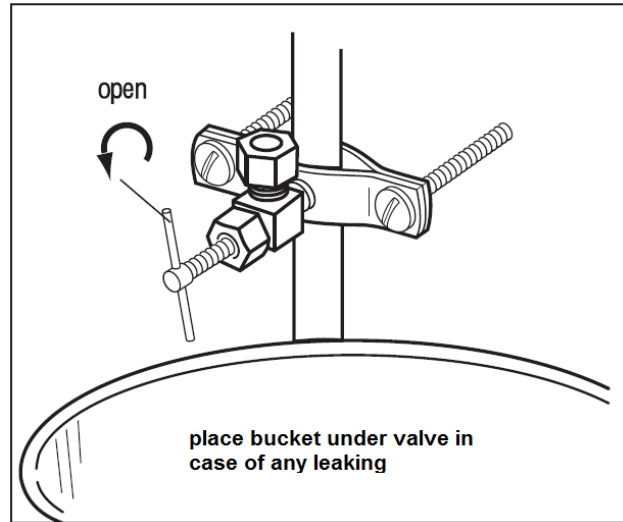
It is suggested that a shut-off valve be installed between this connection and the cold water supply line.

Another common installation method is the use of a saddle valve illustrated below. For this installation follow manufacturer's installation instruction



Step 5 – Exhaust pipe joint connection

Vapour is drained to the floor drain through the silicone tube. Connect one side of the 6.4mm ($\frac{1}{4}$ ") silicone tube to the exhaust pipe joint and connect the other side of the silicone tube to the drain.



Step 6 – Check for leaks

Open the valve of the water line. Turn the tap on (hold if necessary) to fill the tank (about 1minute). When the tank is full the water will run from the tap. Turn the tap off and check for leaks.

Step 7 – Prepare for switching on

Double check thermostat control dial is on OFF position. Thermostat control dial control the water temperature, not the water flow or delivery.

IMPORTANT INFORMATION - This dispenser is equipped with a self-re-setting thermal fuse

Put the thermostat to OFF position and fill the tank with water before connecting the power to the tank.

If the tank is empty and the thermostat is ON when the power cord is connected then the self-resetting fuse of the heater control will disconnect the current after approximately 1 minute, thus protecting the heater from a "dry start" failure. The fuse in the heater control will reset itself after about half an hour*. Turn on the water supply to fill the tank and continue the installation.

Continued misuse will cause damage to the appliance, the warranty will be cancelled.

*(Re-setting a fuse can be accelerated by turning on the water supply and dispensing water until re-sets, approximately 3 minutes.)

Step 8 – Test Installation

Connect electrical cord into an earthed 13A fused spur.

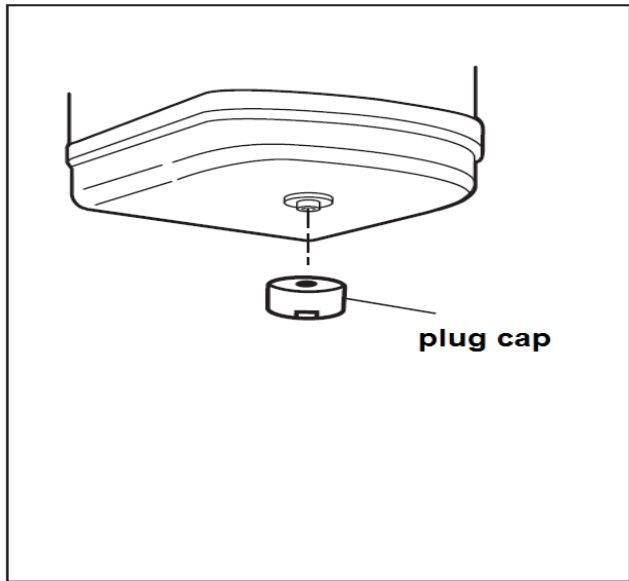
Turn thermostat control dial clockwise to the highest position. Maximum temperature will be reached in about 15 minutes and dispenser will be ready for use. Lower the temperature setting by turning thermostat control dial anticlockwise if you notice vapour or a boiling noise. To increase or decrease the water temperature, rotate the thermostat dial. The LOWEST temperature of the thermostat is approximately 60°C (140°F) and the HIGHEST temperature will be approximately 93°C (200°F).

CLEANING AND MAINTENANCE

Seasonal Shutdown

To prevent damage if the appliance is exposed to freezing temperatures, the water **MUST** Be Fully drained.

1. Disconnect the tank from the power supply
2. Turn OFF the thermostat the control dial should be positioned fully anticlockwise.
3. Open the tap and let the water run until the water is cold then close the tap. Isolate water supply.
4. Place a 2.8 L container at the bottom of the tank, use a wrench to remove the plug of the cap and Drain the tank completely. Once fully drained put back the plug cap, tighten to reseal the drain.
5. Refer to step 7 to re-commission.

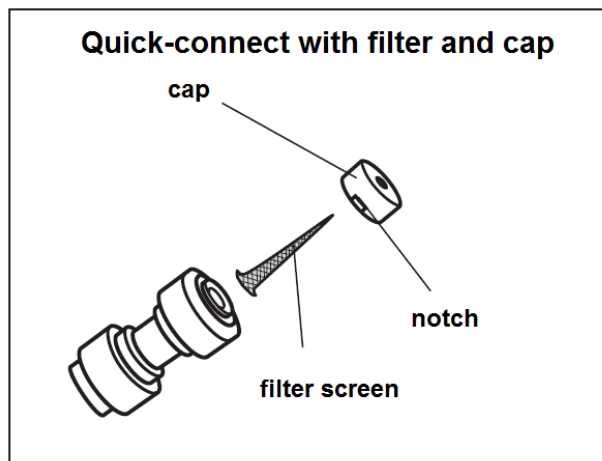


NOTE: Do not connect the appliance when the tank is empty.

Cleaning Quick-Connect Filter Screen at Cold Water Inlet

If you notice that the water flow has reduced, it may be necessary to clean the quick-connect screen. Refer to Installation Step 4

1. Turn OFF the thermostat. Open the tap and run water until it is cold to avoid possibility of burn. Isolate water supply.
2. Release cap with a screwdriver, pry it loose using the notch in the cap.
3. Use the screwdriver to push the smallest ring around the copper line. This action releases tension, allowing disconnection of the copper line and quick-connect.
4. Pull the cone shaped filter screen out (there will be a slight tension) and clean with vinegar as necessary. Check cap and clean if necessary.
If deposits have hardened, soak in vinegar for an hour or two. Then use a brush and clean



5. Reassemble in reverse all the components. Be aware, when inserting the screen back into place there is a slight resistance. Push until the screen “pops” into place. Open isolation tap and check for leaks.
6. Turn thermostat dial to the “Max” setting. The appliance will be ready in about 15 minutes.

TROUBLESHOOTING

This product has 1 Year Replacement Warranty, check these things before you make a warranty claim.

1. Water is not hot: (assuming cold water supply is connected properly and the valve is open)

- Check if the appliance is connected to mains.
- Turn the thermostat control fully clockwise. This may produce boiling water in approximately 15 minutes and possibly be accompanied by a gurgling sound in the tank and/or water “sputtering” from the tap.
- If the water boils, turn the thermostat control dial slightly anticlockwise until the gurgling and/or “sputtering” stops. This should take place within 20 seconds. Turn the control dial an additional 3mm ($\frac{1}{8}$ ”) anticlockwise at the tip of the dial. Wait 15 minutes and check the temperature of the water.
- Check for blown fuse or if circuit breaker has tripped (also see IMPORTANT NOTE explaining the self-re setting thermal fuse in Step 6 of the installation).

NOTE: The thermostat activates the heater after the water temperature in the tank drops approximately 8°C (15°F) from the maximum setting. The appliance does not produce a continuous flow of hot water.

2. Hot water drips or sputters from tap:

- Turn thermostat control dial anticlockwise (see item 1)
- Check if the hose connecting the tap to the tank is not clogged, twisted or kinked.
- If quick-connect fitting is connecting to a cold water supply, check for a clogged filter screen in the quick-connect fitting (see CLEANING AND MAINTENANCE).
- Check for proper installation of copper tubing from the tap to the appliance and from the tap to the water line.
- If connected backward and cross-connected, valve may be damaged. Refer to Step 4 in this manual.

3. Water does not flow straight away or at all:

- Due to high temperature and for safety reasons, the tank is not under pressure causing a slight delay in the water flow.
- Make sure all valves on water supply are open
- Check hose from tap for twisting or tight bending
- Check if the quick-connect filter screen or tap filter screen is clogged (see tap manual).

4. Water boils or vapour appears:

- Lower temperature setting by turning the thermostat control dial anticlockwise.

NOTE: If lowering the thermostat setting does not stop the boiling, disconnect the power supply cord and contact customer service.