

Electronic Chiller Tank Appliance Installation, Operation and Care Instructions



Please read these instructions fully before commencing the installation and operation of the Electronic Instant Filtered Cold Water Appliance

Please read in full to fully understand this guide for the installation, operation and maintenance for your 4 in 1 Chiller Tank.

IMPORTANT NOTICE: This product can cause harm if installed incorrectly and should only be installed by competent professional, if you feel for any reason unsure about installation, please contact a qualified plumber or electrician to install the appliance.

Do not plug in the Chiller Tank, until all water connections have been installed and checked for being watertight and the Chiller Tank must be filled to the max with water. The Chiller Tank is filled once water supply starts. It is recommended before using the tank, to flush through several litres of water before using to remove air from system.

For your safety and satisfaction please read all the instructions, cautions and warnings before installing or using this electronic chiller tank appliance.

This electronic chiller tank appliance is not intended for commercial use.

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Make sure all electrical wiring and water connections conform to local codes. Standard 230v electrical outlet is required under the sink. If possible, use a separate circuit dedicated to your Chiller Tank.

The Chiller Tank appliance is an open vented system appliance. The operating pressure is 1.5 bar to maximum of 5 bar.

The water filter (Anti-Scale Carbon water filter) must be connected to the electronic instant filtered cold water appliance and replaced every 3-6-months, or the guarantee will be void.

Equipment Required:

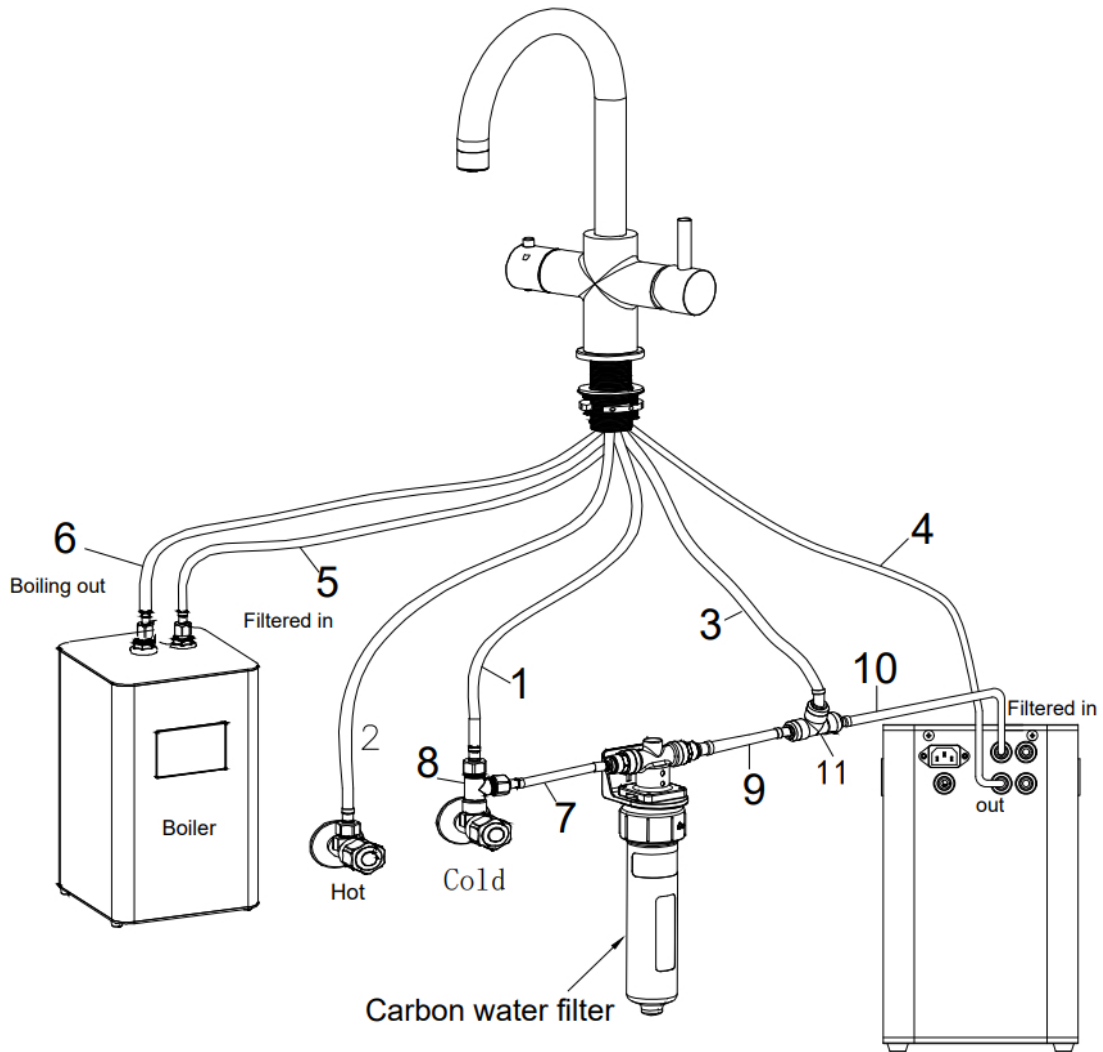
Tape Measure



Adjustable Wrench



4 IN 1 Chiller Tank, Instant Boiling, Filtered Water Tap Connection Drawing



No	Part Description	Qty	Size
1	Cold flexible hose	1	M8*1-3/8"thread
2	Hot flexible hose	1	M8*1-1/2"thread
3	Hose from T adaptor to tap	1	M8*1-Ø1/4" quick fit
4	Hose from Chiller outlet to tap	1	M8*1-Ø1/4" quick fit
5	Hose from tap to boiler inlet	1	M8*1-3/8"thread
6	Hose from boiler outlet to tap	1	M8*1-3/8"thread
7	Hose from cold water supply to filter inlet	1	3/8"thread-Ø1/4"quick fit
8	Three way connector	1	1/2"female*3/8"male*3/8"male
9	PE hose from filter outlet to T adaptor	1	Ø1/4"
10	PE hose from T adaptor to chiller inlet	1	Ø1/4"
11	1/4" quick fit T-adaptor	1	Ø1/4" quick fit

It is important to ensure that the plumbing part of the installation is completed and has been tested to ensure it is free of leaks before any electrical connection is made to the unit. Do not install the appliance in rooms where the temperature may drop to 0°C. The Tap or Chiller Tank has been stored prior to Installation in a place where the temperature could have fallen below 0°C, allowed to acclimatize at room temperature for a minimum of one hour prior to connection to a water supply.

Before installing the CHILLER TANK for 4-1 instant boiling water tap it is essential to thoroughly flush through the supply pipes in order to remove any impurities from your system. Failure to carry out this simple procedure could cause problems or damage.

You must install isolation valves to both the hot and cold feed pipes in an accessible position. This will help prevent temperature failure and ease any future maintenance. All parts should be removed from their packaging and inspected prior to installation.

Positioning the Chiller Tank unit and the filter

The reservoir unit should be positioned on a flat level surface such that:

- There is a minimum airspace of 150mm to each side of the reservoir unit.
- There is a minimum airspace of 25mm to the rear of the reservoir unit.
- Access to any stopcocks, valves, waste traps or other plumbing fitting that may require service is not impeded.

The front display and operating controls are readily accessible and visible.

1. All connection pipes can be installed without stretching or twisting them.
2. Access to the electrical power socket to be used for this appliance is not restricted in.
3. Ensure a 10AMP fused power supply within reach of the power cable, ensure cable is not stretch. If it is necessary to extend the power cable to reach the nearest suitable socket, this must be done by an electrician. A double GPO will be needed if you are installing a Chiller.
4. The filter is supplied pre-assembled to its plastic wall bracket. This should mount in a convenient location on a wall or cabinet side, taking into consideration the length and routing of the connecting hoses.

Chiller Operation

DO NOT SWITCH ON THE CHILLER TANK at this stage until the following has been carried out.

1. Run the FILTERED WATER for a minimum of 5 minutes to activate and clean the carbon agency inside the Anti-scaling filter.
2. Run the WATER for a minimum of 5 minutes to fill the Chiller water Tank.

By taking this small step will prevent any carbon dust from the filter. If there is any black coloured water, it is harmless and it will clear itself by running the water.

Open all installed water valves to allow water to flow to the 4-1 instant hot water tap.

For the chiller Turn the spring-front filtered water tap handle against its spring and hold there until the water flows from the tap spout which indicates the taps reservoir is full.

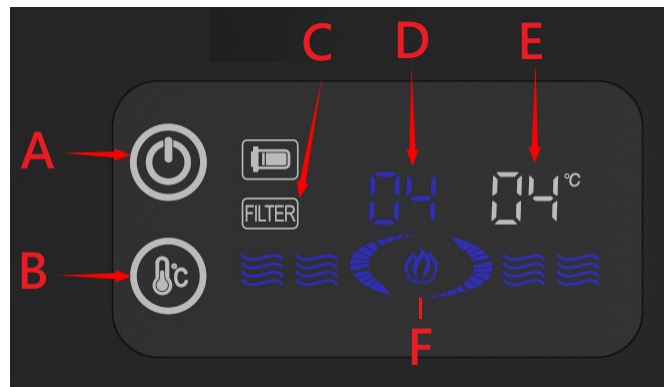
Allow the filter water handle to spring back to its rest position and check all the connections for water tightness and absence of leaks.

Any leaking joints must be tightened, and the surrounding area dried before connecting the power supply.

ONLY connect the electricity supply to the Hot Water Tank & Chiller Tank at this stage. Insert the plug into the electricity socket and switch on.

How to control the Chiller Tank

- A: On/Off Key
- B: Temperature setting Key
- C: Filter Life Indicator
- D: Actual Temperature Indicator
- E: Preset Temperature Indicator
- F: Cooling Display



Touch the “on/off” key (A) for 2 second to switch the heater on. Press again to turn off .

Scroll through temperature settings using temperature setting key (B), leave on desired temperature, indicator will flash three times and set temperature indicator (E) . Filter Life indicator (C) will flash when it is time to change your filter.

A reminder will sound after 6 months (or less) and again after 12 hours from the first sound to reset, replace your filter and hold the temperature setting key (B) for 5 seconds without releasing it until a single beep sounds and the filter logo will return to static. The “Actual Temperature” indicator (D) shows the actual temperature of the water in the Chiller Tank. When the water is cooling up, indicator (F) will illuminate, and the “ Cooling ” Display (F) will animate . Care and Maintenance Important:

The Warranty Is Void If the Water Filter Is Not Replaced at A Minimum Of 6 (six) Months from Its First Use. If The System Is used in the hard Water Area, Customer Should Consider Replacing the Water Filter in A Shorter Period Before The Six Months Period.

To avoid frequent Cooling, Press the temperature setting key for 3 seconds without releasing it to enter the interval temperature setting mode. Touch the temperature setting key (B) and set the cool up temperature gap from low to high. This machine provides 3°C, 5°C, 7°C, and 9°C for options, and the default is 5°C.

Do Not Perform Maintenance or Cleaning of The Chiller Tank Without First Switching Off The Electricity Supply. Cleaning Should Be Carried Out with A Non-abrasive Cleaner. Any Abrasive Cleaner Will Scratch the Surface and Could Erase the Marking. The Exterior of Your Chiller Tank Can Be Cleaned Effectively By Using a Damp Cloth and Mild Detergent. Finish Off By Drying with a Clean Cloth.

Replacement Filters available through retailer

SPECIFICATIONS

Supply	230V ~ 50Hz	
Power	170W	
IP rating	X4	
Tank Capacity	4 liters	
1 hour draw off (5-12°C)	4 liters	
Continuous draw off(5-12°C)	1 liter	
Minimum supply pressure	0.15 MPa (1.5 bar)	
Minimum supply pressure	0.5 MPa* (5 bar)	
Inlet/Outlet connections	1/4"	
Approvals	CE	

*If pressure is above 0.5Mpa(5bar) then a pressure reducing valve is required.

Guarantee

This product is covered by a standard warranty for 2 years, serviceable parts are covered by 1 year warranty.

Incorrect installation, frost damage, the consequences of limescale deposits or failure to follow correct operating and maintenance instructions will invalidate your warranty.

Contact us

If you experience a problem with this product, you should firstly contact our service department before taking further action. Experience has shown that issues can often be resolved without the need to return or uninstall the product.

Important Notice on Chiller



- + To prevent electrical shock do not place the Chiller Tank near or in water or other liquids and install on a flat surface .
- + Do not install in environments above 35°C or exposed to freezing.
- + Can be used by children 12+ or people with learning difficulties if they have been given supervision or instructed on the hazards involved. Do not operate or install electrical connections with wet hands .
- + Do not install the appliance if it appears damaged in any way.
- + Only use power lead supplied with the product. If the power lead is damaged, stop using it immediately and contact customer services for a replacement.
- + Do not remove tank casing, this product is not serviceable and should be returned to the manufacturer in the event of a fault.
- + Do not modify the tank or remove the plug as this will invalidate the warranty and could cause serious injury.
- + If the unit is unused for extended periods of time it should be unplugged, drained, re-filtered and refilled.
- + The tank and water tank can be cleaned with a lint free damp cloth. Do not use any abrasive or corrosive cleaning products as this will damage the surface of the product.
- + Replace the filter every 3-6 months.

Trouble Shooting

Below is a list of some of the possible malfunctions.
If the problem cannot be resolved as described, contact the dedicated customer care line(details on back cover).

PROBLEM	POSSIBLE CAUSE	WHAT TO DO
“ Cooling Display “indicator flashed	Water is cooling	Wait for the water reach the water temperature for usage.
Water is not cold.	The electronic instant filtered cold water appliance is unplugged. The electronic display has not been powered up.	Make sure all the water pipes are connected correctly and turn the filtered cold-water handle, wait for few minutes to fill up the tank. Users can adjust the water temperature on the display for setting. Wait for the water reach the water temperature for usage.
	The cold water has not reached pre-set temperature.	
Water is too Cold.	Water temperature setting on display panel is set too Low.	Re-set the temperature to the required temperature and confirm the cooling.
Water does not flow immediately	The electronic instant filtered cold water appliance is designed for non-pressurized operation and there will be slight delay till the cold water appears.	After a large volume of water has been drawn off there may a slightly longer delay in the water appearing from the instant filtered cold water tap spout.
No Water flows.	Water valves have been turned off. Inlet pipes have become twisted or blocked.	Turn on all the water valves. Ensure the pipes are not twisted or kinked to restrict the flow.
	Water supply have been turned off.	Turn on the water supply. Make sure all the water pipes are connected correctly and turn the filtered cold-water handle, wait for few minutes to fill up the tank. (If there isn't water suppling from the main outlet, there will not be any water come out from the filtered water tank even there is water in it / power is turned on .)
Code: E2 or E4	temperature Sensor Issue	Shut off machine, then restart after 5 minutes; if not solved, please contact the technician or service number.

No	PROBLEM	POSSIBLE CAUSE, WHAT TO DO
1	Product cannot run as normal	Shut off machine, then restart after 5 minutes; if not solved, please contact the technician or service number.
2	ERROR CODE“E2”	The temperature sensor is short-circuited, or the temperature sensor interface is short-circuited. Please refer to No.1 solution: Shut off machine, then restart after 5 minutes; if not solved, please contact the technician or service number.
3	ERROR CODE“E4”	The temperature sensor is open-circuited, or the temperature sensor is not connected. Please refer to No.1 solution: Shut off machine, then restart after 5 minutes; if not solved, please contact the technician or service number.