

EZYTAP Range

Installation and Operating Instructions

EZYTAP75

EZYTAP75T

EZYTAP85

EZYTAP85T

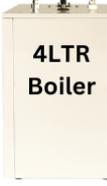
EZYTAP7800

EZYTAP7800T

EZYTAP8800

EZYTAP8800T

EZYTAP Range Breakdown

			 &  Ambient: ✓ Hot: 14Ltr/h	Dispense Height: 18.5cm
			 &  Ambient: ✓ Hot: 14Ltr/h	Dispense Height: 24cm
			 &  Ambient: ✓ Hot: 28Ltr/h	Dispense Height: 18.5cm
			 &  Ambient: ✓ Hot: 28Ltr/h	Dispense Height: 24cm
		 	 &  Chilled: 11.5Ltr/h Hot: 14Ltr/h	Dispense Height: 18.5cm
		 	 &  Chilled: 11.5Ltr/h Hot: 14Ltr/h	Dispense Height: 24cm
		 	 &  Chilled: 11.5Ltr/h Hot: 28Ltr/h	Dispense Height: 18.5cm
		 	 &  Chilled: 11.5Ltr/h Hot: 28Ltr/h	Dispense Height: 24cm

Read These Warnings First



- Please read all installation requirements, installation procedures and precautions before installing the EZYTAP water boiler.
- Never attempt to install any water dispenser without reading all of the applicable instructions.
- All electrical connections must comply with current wiring rules.
- This appliance is not designed for use by young children without supervision.
- This appliance must be earthed.
- If the power supply cord is damaged, it must be replaced by a qualified electrician.
- Do not remove the cover of the appliance under any circumstances without first isolating the appliance from the power supply.

EZYTAP

The EZYTAP75/75T comes with a High Performance 4ltr Undersink Boiler. It also dispenses Ambient Water.

The EZYTAP85/85T comes with a High Performance 8ltr Undersink Boiler. It also dispenses Ambient Water.

The EZYTAP7800/7800T comes with a high performance 4ltr Undersink Boiler. By adding an Undersink Chiller (UC800M) it also dispenses Chilled Water.

The EZYTAP8800/8800T comes with a high performance 8ltr Undersink Boiler. By adding an Undersink Chiller (UC800M) it also dispenses Chilled Water.

The EZYTAP75/85/7800/8800 have a dispensing height of 18.5cm.

The EZYTAP75T/85T/7800T/8800T have a dispensing height of 24cm.

The Undersink Chiller (UC800M) can be replaced by any of the Cosmetal Undersink Chillers H20MY IN (CEH2IN15), J CLASS IN (CEJIN45), Nigara IN (CENIN120C8). Please note you will need some different connections if using these models.

UNIQUE SCALE PREVENTION SYSTEM

The EZYTAP has two separate mains water inlets. One feeding the Boiler and the other feeding the Ambient or Chilled side. This provides the unique opportunity to protect the Boiler from scale by connecting a proper Scale removal Filter to the Boiler water inlet side whilst connecting the Ambient or Chilled inlet to a simple odour and taste Carbon Block Filter.

In Hard Water Areas the Scale removal Filter will reduce the need for regular descaling. Separately connecting the Ambient or Chilled water inlet to a Carbon Block Filter will avoid reducing the life of the Scale Inhibiting Filter by the amount of cold water that would flow through it if the Scale Inhibiting Filter was to serve both sides.

In a soft water area, the EZYTAP only requires a SINGLE Carbon Block Filter to connect to the mains water inlets.

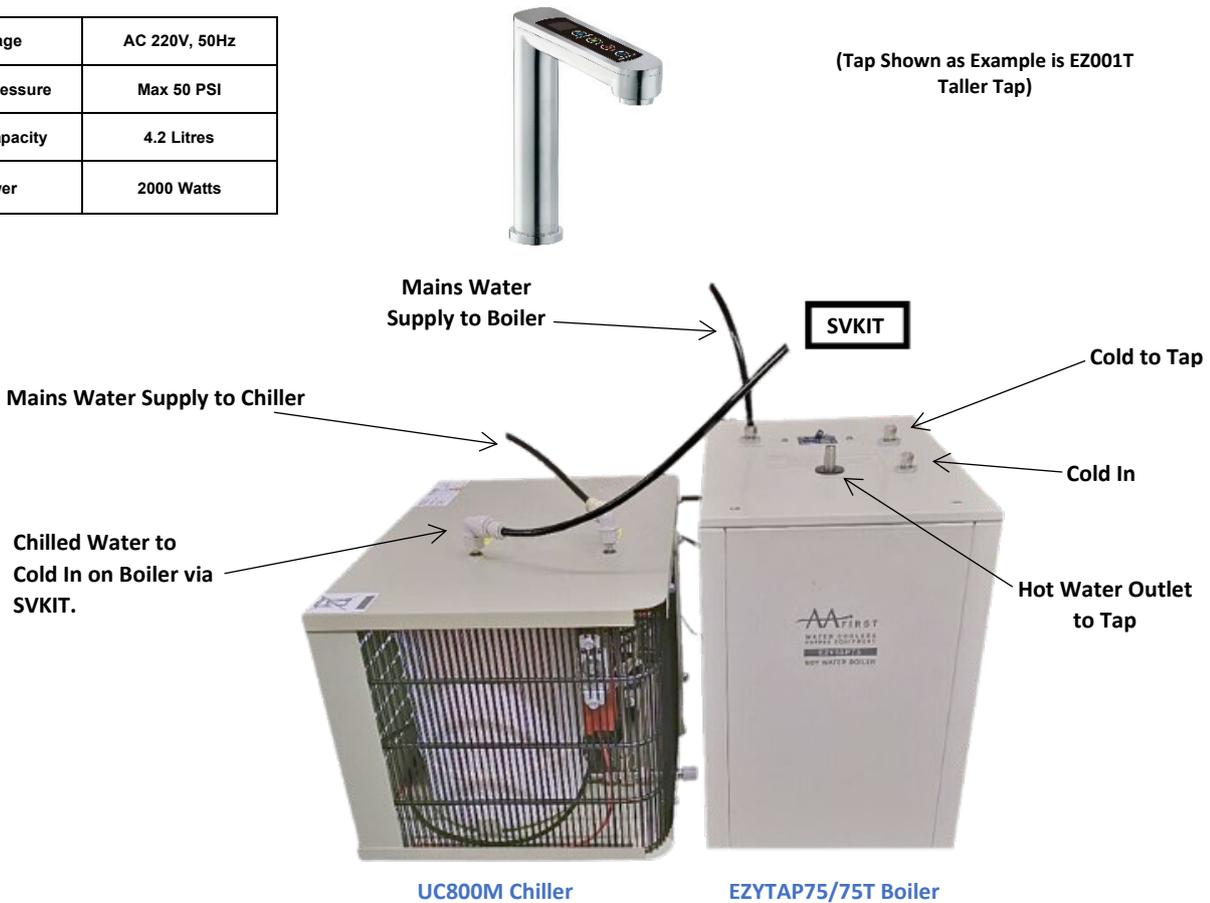
EZYTAP75/75T

Voltage	AC 220V, 50Hz
Water Pressure	Max 50 PSI
Tank Capacity	4.2 Litres
Power	2000 Watts



EZYTAP7800/7800T

Voltage	AC 220V, 50Hz
Water Pressure	Max 50 PSI
Tank Capacity	4.2 Litres
Power	2000 Watts

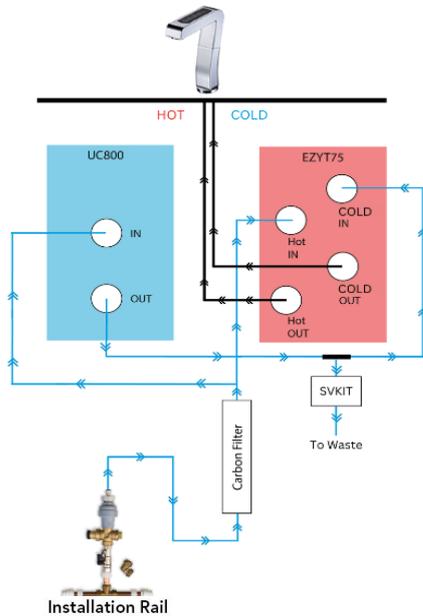


Filter Configuration for Hard & Soft Water

EZYTAP 7800/7800T/8800/8800T (Boiler, Chiller, and Tap)

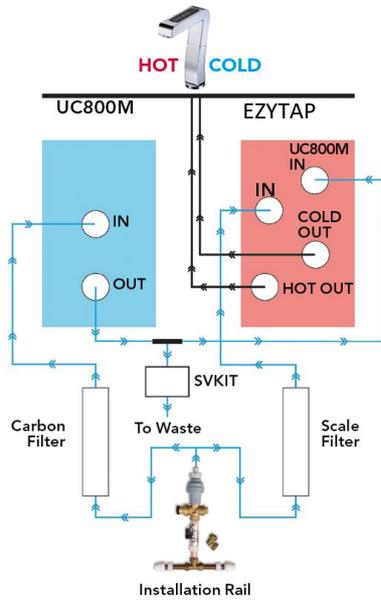
EZYTAP In Soft Water Area

Single carbon block filter for the boiler and the chiller side.



EZYTAP In Hard Water Area

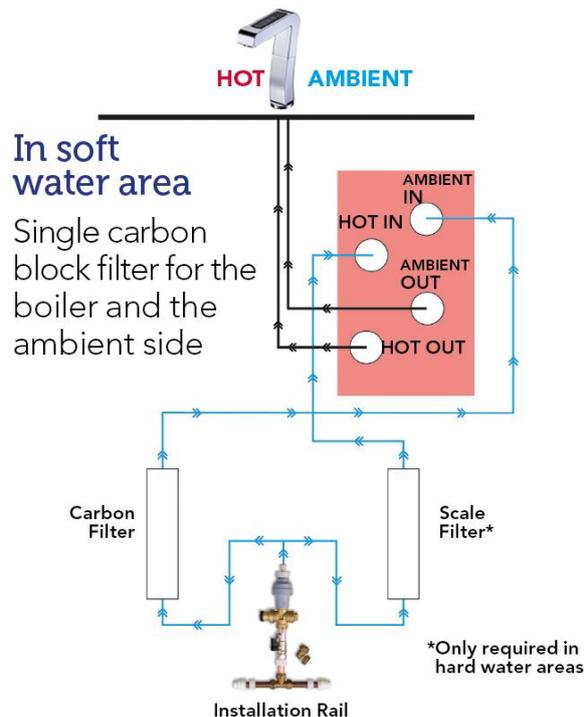
Scale removal filter for the boiler and a carbon block for the chiller side.



75/75T/85/85T (Boiler and Tap Only)

EZYTAP In Hard Water Area

Scale removal filter for the boiler and a carbon block for the ambient side.



EZYTAP 75(T)/7800(T) Installation Instructions & Tips

1. Determine a convenient location to mount the EZYTAP faucet on your worktop. This can be an existing faucet hole, or you may need to drill a new 30/35mm hole into your worktop. If installing with the EZYTRAY refer to the instructions provided with the EZYTRAY.
2. Ensure adequate cupboard space and ventilation for installation of the boiler and chiller (if supplied)
3. Ensure power is within 1.2 metres of the boiler and chiller (if supplied).
4. Ensure a potable water source is available for connection to the units.
5. Configure the filtration and plumbing connections according to your circumstance (see page 5) **Please note all installations should include an installation rail with Water block and Pressure reducing valve.**
6. **Do not** use an electrical extension cable.
7. The thickness of the worktop must be less than 70mm.
8. All electrical and plumbing connections must comply with local legislation.

NOTE: The Boilers and Chillers must be so positioned in relation to each other and to the TAP and mains inlet that the connecting hoses are not twisted or kinked.

NOTE: Do not lengthen the hoses, as this could impair performance.

You must PRIME THE HOT TANK before activating the boiling element.

1. Once the water connections have been made, power on at the mains plug and switch on the circuit breaker. Two dashes will be displayed on the tap.
2. Press 'Safety' button and then the 'Hot' button to start water flow into the hot tank.
3. When water starts to come through tap, press 'Hot' button to stop the flow.
4. Press and hold 'Power' button for 8-10 seconds. 'H' will start flashing, instead of the two dashes, on the tap.
5. Solid 'H' means the hot water is up to temperature and ready for use.
6. Repeat point 2 to dispense hot water.

NOTE: Please follow the procedures above and below for first-time use
EZYTAP75(T)7800(T)



After installation, ensure the water supply is switched on. Switch on at the mains plug and circuit breaker. Two dashes will be displayed on the tap.

▲ STEP 1

*** Press the "SAFETY"

STEP 2

*** Press the button "HOT"

Do not turn it off until water flows out from the tap.

STEP 3

*** Press the button "POWER ON/OFF"

Hold for 8 seconds to turn the power on.

NOTE: Dry start will damage the tank and void the warranty.

EZYTAP 75(T)/7800(T) Installation Instructions & Tips

The tap rotates 30 degrees each side. You can stop it rotating.

1. Rotate tap fully to one side.
2. Carefully remove grub screw at rear of tap.
3. Rotate tap a little further round and screw in grub screw.
4. If the grub screw can only be half screwed in, the tap should be secure and no longer rotate.
5. For ease of access to the grub screw, it is recommended that the tap rotation is fixed before installation.

Tap is dripping intermittently.

The tap is used as a vent for the boiler and will vent when approaching top temperature. This is normal operation.

Hot water is not hot enough.

Two dashes displayed on the tap instead of the "H" sign. This shows that the boiler has been turned off, maybe accidentally. To re-set, press and hold 'Power' button for 8-10 seconds.

How to connect the mains water from the UC800M Chiller to the EZYTAP75/75T or EZYTAP85/85T Boiler to create the EZYTAP7800/7800T or EZYTAP8800/8800T – Connect the ¼" J Guest pipe from the carbon filter to the 'IN' connection on the UC800M. Use a J Guest length of pipe to connect from 'OUT' on the UC800M to the 'COLD IN' on the EZYTAP75/75T. (See Page 7 for more information)

SAFETY VALVE KIT (SVKIT) INSTALLATION INSTRUCTIONS WITH THE UC800M UNDERSINK CHILLER

The Safety Valve Kit is supplied the UC800M Under-sink Chiller. It MUST be installed with all UC800M chillers.

The SVKIT is designed to protect the Under-sink Installation from excessive pressure in the water system, because of ice build-up in the water tank, by venting water into a waste outlet. Failure to install the Safety Valve Kit could lead to a failure of fittings and pipework and potentially lead to a leak.

Installation Instructions:

- Install the Safety Valve Kit between the outlet of the Chiller and the Tap (see illustration). The Safety Valve will release the pressure build up from expanded ice in the water tank by venting water into a waste.
- Using a 9.5mm drill bit, drill a hole in the side of the plastic sink waste drain. Then fit a PV36 14.3mm Grommet supplied into the drilled hole. Push John Guest ¼ "pipe from safety valve outlet into Grommet in sink waste drain.
- If there is no sink waste pipe available, we suggest you connect the pipe to a waste bottle that should be checked periodically and emptied.
- The SVKIT does not include a JG ¼" drain pipe which connects the SVKIT to the waste outlet (a quantity of pipe is already supplied with the UC800 equipment). Please note if no waste outlet is available the vent can be fed into a jerrycan.

De-scaling the 75/7800 Boiler

- Scale is a major problem for Hot Water Tanks in Hard Water areas. A build-up of scale inside the tank can seriously affect the safety and the performance of the equipment. The parameters affecting the formation of scale are.
- The hardness of the Water
- The temperature of the Hot Water
- The Hot Water consumption
- It is imperative that the Boiler is being de-scaled regularly. It is recommended that de-scaling is done outside the customers premises.

To de-scale the EZYTAP75/7800

1. Isolate Power and Water.
2. Disconnect all pipes from the Boiler for ease of handling.
3. Drain the Boiler from underneath by unscrewing the drain cap. Once drained re-fit the drain cap.
4. Using a funnel to pour the Descaling Solution into hot water outlet at the top of the Boiler.
5. Leave Solution to stand for 45 mins to an hour until fizzing stops (fizzing is the result of a chemical reaction when the Descaling Solution attacks the Scale).
6. Drain Descaling Sanitising Solution from the Boiler through the bottom drain cap and then re fill with fresh water at least twice to remove all traces of the Descaling Solution.
7. Re-connect all pipes, activate power and water. Dispense water from the hot water tank to ensure that the boiler is primed again before powering the Boiler on at the tap by holding the power button down for 8 – 10 seconds.

Error codes 75(T)/7800(T)

Code		Action	Trouble Shooting
E1	Thermistor abnormal	Stop heating.	Replace thermistor.
		Okay for use of ambient water.	
		Can't use hot water.	
E2	Heating over 60 minutes	Stop heating.	Procedure 1. Replace thermistor. 2. Replace thermostat. 3. Replace Driver PCB 4. Replace heating element
		Stop refilling hot tank.	
		Okay for use of ambient water.	
		Can't use hot water.	



EZYTAP85



EZYTAP85T



EZYTAP8800



EZYTAP8800T

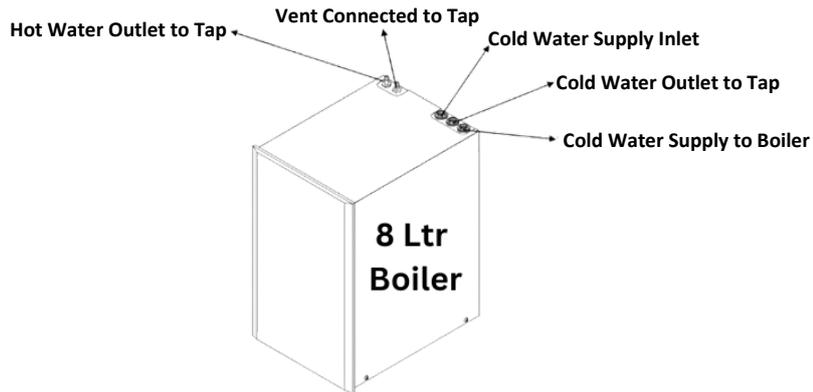
The EZYTAP85/8800 has a large 8 Liter boiler which supplies 28ltr/hour of 95C+ per hour of boiling water, with an instant draw off of 7 Liters.

The 8 Liter boiler is different in design to the 4 Liter boiler of the Ezytap75/7800 range. This has implications for installation and servicing. Please refer back to the “EZYTAP Range Installation and Operating Instructions”.

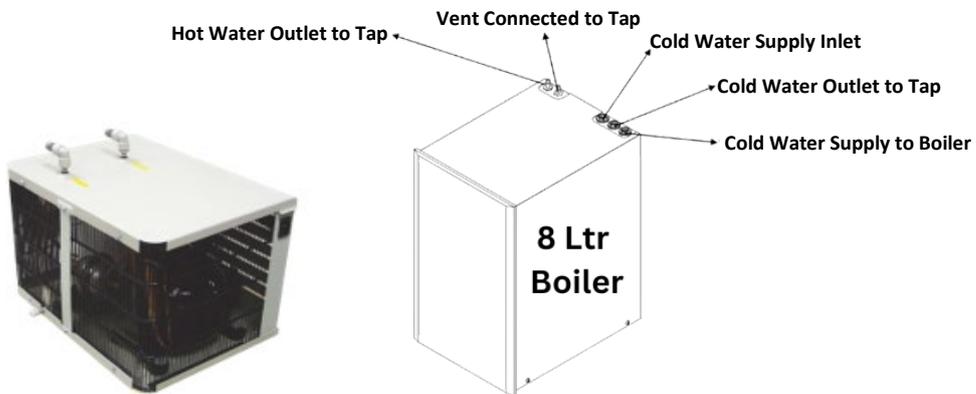
Apart from the high capacity 8 Liter boiler, the EZYTAP85/8800 has the option to put the equipment into “sleep mode”. Sleep mode saves electricity and reduces the amount of carbon produced. Detailed information can also be found on the EZYTAP85/8800 Installation Instructions.

Voltage	AC 220V, 50Hz
Water Pressure	Max 50 PSI
Tank Capacity	8 Liters
Power	2000 Watts

EZYTAP85/85T



EZYTAP8800/8800T



EZYTAP 85(T)/8800(T) Installation Instructions & Tips

1. Determine a convenient location to mount the EZYTAP faucet on your worktop. This can be an existing faucet hole, or you may need to drill a new 30/35mm hole into your worktop. If installing with the EZYTRAY refer to the instructions provided with the EZYTRAY.
2. Ensure adequate cupboard space and ventilation for installation of the boiler and chiller (if supplied)
3. Ensure power is within 1.2 metres of the boiler and chiller (if supplied).
4. Ensure a potable water source is available for connection to the units.
5. Configure the filtration and plumbing connections according to your circumstances (see page 5) **Please note all installations should include an installation rail with Water block and Pressure reducing valve.**
6. **Do not** use an electrical extension cable.
7. The thickness of the worktop must be less than 70mm.
8. All electrical and plumbing connections must comply with local legislation.

NOTE: The Boilers and Chillers must be so positioned in relation to each other and to the TAP and mains inlet that the connecting hoses are not twisted or kinked.

NOTE: Do not lengthen the hoses, as this could impair performance.

9. Once the water connections have been made, power on at the mains plug and switch on the circuit breaker on. Two dashes will be displayed on the tap.
10. Hold down the power button for 8 secs to power the machine on.
11. It will show LO on the tap (it will show this until the water reaches the bottom probe and will then change to a flashing H, which indicates the machine has started heating)
12. Once the H has become solid the machine is ready for use.
13. To dispense hot water, press the safety button and then press the hot button. To stop dispensing press the hot button again and the light will go out.
14. To dispense Ambient or chilled water press



***** Press and Hold the Power button for 8 seconds to turn the power on**

***** Press the safety button and then the hot button to dispense hot water.**

Press the hot button to stop dispensing.

***** Press the Ambient/chilled button to dispense Ambient/chilled water.**

Press the Ambient/chilled button to stop dispensing.

EZYTAP 85(T)/8800(T) Installation Instructions & Tips

The tap rotates 30 degrees each side. You can stop it rotating.

1. Rotate tap fully to one side.
2. Carefully remove grub screw at rear of tap.
3. Rotate tap a little further round and screw in grub screw.
4. If the grub screw can only be half screwed in, the tap should be secure and no longer rotate.
5. For ease of access to the grub screw, it is recommended that the tap rotation is fixed before installation.

Hot water is not hot enough.

Two dashes displayed on the tap instead of the “H” sign. This shows that the boiler has been turned off, maybe accidentally. To re- set, press and hold ‘Power’ button for 8-10 seconds.

Sleep Mode

Sleep mode can be activated when the boiler is powered on (H is displayed)

Sleep mode will disable the boiler/heating for 6 hours.

To activate sleep mode press and hold the safety button for 6 seconds. The display will show EC.

To disable sleep mode press and hold the Safety button for 6 seconds. (The H is displayed)

How to connect the mains water from the UC800M Chiller to the EZYTAP75/75T or EZYTAP85/85T Boiler to create the EZYTAP7800/7800T or EZYTAP8800/8800T – Connect the ¼” J Guest pipe from the carbon filter to the ‘IN’ connection on the UC800M. Use a J Guest length of pipe to connect from ‘OUT’ on the UC800M to the ‘COLD IN’ on the EZYTAP75/75T. (See Page 7 for more information)

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Installation Instructions:

- Install the Safety Valve Kit between the outlet of the Chiller and the Tap (see illustration). The Safety Valve will release the pressure build up from expanded ice in the water tank by venting water into a waste.
- Using a 9.5mm drill bit, drill a hole in the side of the plastic sink waste drain. Then fit a PV36 14.3mm Grommet supplied into the drilled hole. Push John Guest ¼ “pipe from safety valve outlet into Grommet in sink waste drain.
- If there is no sink waste pipe available, we suggest you connect the pipe to a waste bottle that’ should be checked periodically and emptied.
- The SVKIT does not include a JG ¼” drain pipe which connects the SVKIT to the waste outlet (a quantity of pipe is already supplied with the UC800 equipment). Please note if no waste outlet is available the vent can be fed into a jerrycan.

De-scaling the 85(T)/8800(T) Boiler

- Scale is a major problem for Hot Water Tanks in Hard Water areas. A build-up of scale inside the tank can seriously affect the safety and the performance of the equipment. The parameters affecting the formation of scale are.
- The hardness of the Water
- The temperature of the Hot Water
- The Hot Water consumption
- It is imperative that the Boiler is being de-scaled regularly. It is recommended that de-scaling is done outside the customers premises.

To de-scale the EZYTAP85/8800

1. Isolate Power and Water.
2. Disconnect all pipes from the Boiler for ease of handling.
3. Drain the Boiler from underneath by unscrewing the drain cap. Once drained re-fit the drain cap.
4. For 85/8800 remove the boiler outer casing by unscrewing the screws holding the boiler casing in place and carefully remove the boiler casing and set it aside.
5. For 85/8800 expose the level probes by locating the 3 level probes on the top of the tank. Identify the probe with the black wire (shortest probe) and remove it.
6. Using a funnel to pour the Descaling Solution into hot water outlet at the top of the Boiler.
7. Leave Solution to stand for 45 mins to an hour until fizzing stops (fizzing is the result of a chemical reaction when the Descaling Solution attacks the Scale).
8. Drain Descaling Sanitising Solution from the Boiler through the bottom drain cap and then re fill with fresh water at least twice to remove all traces of the Descaling Solution.
9. Re-connect all pipes, activate power and water. Dispense water from the hot water tank to ensure that the boiler is primed again before powering the Boiler on at the tap by holding the power button down for 8 – 10 seconds.

Error codes 85(T)/8800(T)

Code		Action	Trouble Shooting
E1	Thermistor abnormal	Stop heating.	Replace thermistor.
		Okay for use of ambient water.	
		Can't use hot water.	
E2	Heating over 60 minutes	Stop heating.	Procedure 1. Replace thermistor. 2. Replace thermostat. 3. Replace Driver PCB 4. Replace heating element
		Stop refilling hot tank.	
		Okay for use of ambient water.	
		Can't use hot water.	
E3	Low Water Level Probe Abnormal	Stop heating.	Procedure 1. Check source water. 2. Check filters. 3. Replace driver PCB.
		Stop refilling hot tank.	
		Okay for use of ambient water.	
		Can't use hot water.	
E4	Refilling the tank over 5 minutes	Stop heating.	Procedure 1. Check source water. 2. Check filters. 3. Replace "Hott Solenoid Valve. 4. Replace driver PCB.
		Stop refilling hot tank.	
		Okay for use of ambient water.	
		Can't use hot water.	
E5	Detection of Water Leakage	Stop heating.	Check leakage.
		Stop refilling hot tank.	
		Can't use ambient water.	
		Can't use hot water.	

Error codes 85(T)/8800(T)

		Low Level	High Level	Safety Level	Action	Trouble Shooting
		E7 Water Level Probes	Detected Y/N	N	N	N
Y	N			N	Refill the tank. Start heating.	
Y	Y			N	Stop refilling the tank. Keep heating.	
N	Y			N	Flashing 7L displays on the screen. No heating. Can't use hot water. Stop refilling the tank. Okay for use of ambient.	Procedure 1. Check Probe (scale) Replace if necessary. 2. Replace probe signal wiring. 3. Replace driver PCB
N	N			Y	Flashing 7b displays on the screen. No heating. Can't use hot water. Stop refilling the tank. Okay for use of ambient.	
Y	N			Y	Flashing 7H displays on the screen. No heating. Can't use hot water. Stop refilling the tank. Okay for use of ambient.	
N	Y			Y	Flashing 7L displays on the screen. No heating. Can't use hot water. Stop refilling the tank. Okay for use of ambient.	
Y	Y			Y	Flashing 7o displays on the screen. No heating. Can't use hot water. Stop refilling the tank. Okay for use of ambient.	
Y	Y			Y	Flashing 7o displays on the screen. No heating. Can't use hot water. Stop refilling the tank. Okay for use of ambient.	



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