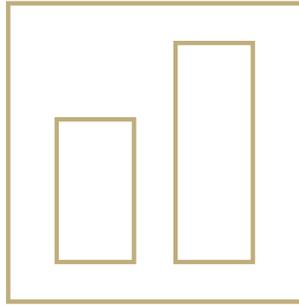


INTU  
EVOLUTION

# Installation & User Guide

PERFORMANCE ON DEMAND



INTU  
EVOLUTION

ANOTHER GREAT  
PRODUCT BY

INTU  
YOUR HOME

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WELCOME TO YOUR  
BRAND NEW



**4OUR SWAN / SQUARE**  
4-1 BOILING WATER TAP

## **IMPORTANT NOTICE:**

When correctly installed and maintained with care, your INTU Evolution boiling water tap will give you many years of trouble free service. **This product is not for outdoor use.** This product can cause harm if installed incorrectly. It is recommended that the installation of your instant hot water tap is carried out by a professional installation service.

**Please read and fully understand all installation instructions before installing and using this application. If in doubt contact a qualified plumber or retailer to assist.**

Check that no parts are missing or damaged. If parts are missing do not install and contact our customer services.

A standard 220/240v grounded 13 amp switched electrical outlet is required under the sink for the appliance electrical power. The instant hot water INTU tank is only intended for use with compatible INTU boiling water taps. Using this tank with any other tap will invalidate the warranty.

Do not plug in the tank until all water connections have been checked, watertight and the tank has been filled. The tank is filled once water starts to pass out the tap spout. It is recommended before using the tank, to flush through several litres of water to remove any air in the system when installing.

Please note, that in order to avoid having pressurised boiling water and to comply with UK byelaws, this is an open vented system. In order to ensure the instant hot water INTU tank delivers the highest quality drinking water and is protected from limescale build up, **the water filter must be replaced every 6 months.** Failure to do so may invalidate your product warranty.

### **Optional Extra : Pressure Reducing Valve**

A Water Pressure Reducing Valve is available which is recommended for use in areas where high water pressure in the water supply to your property may become an issue. If you have any questions about the water pressures supplied to your property please contact a registered plumber or contact your local water authority.

Contact us at [enquiries@intuevolution.co.uk](mailto:enquiries@intuevolution.co.uk) or these can be purchased online at [www.intuboilingwatertaps.com](http://www.intuboilingwatertaps.com) or by calling 01772 923 849



- + To prevent against electrical shock do not place the hot water 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 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. Design for UK 3 pin socket only.
- + If the unit is unused for extended periods of time it should be unplugged, drained, re-filtered and refilled.
- + The tap 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.
- + Do not rest vessels containing liquids, inflammable or corrosive materials on top of any part of the appliance.
- + Replace the filter every 6 months



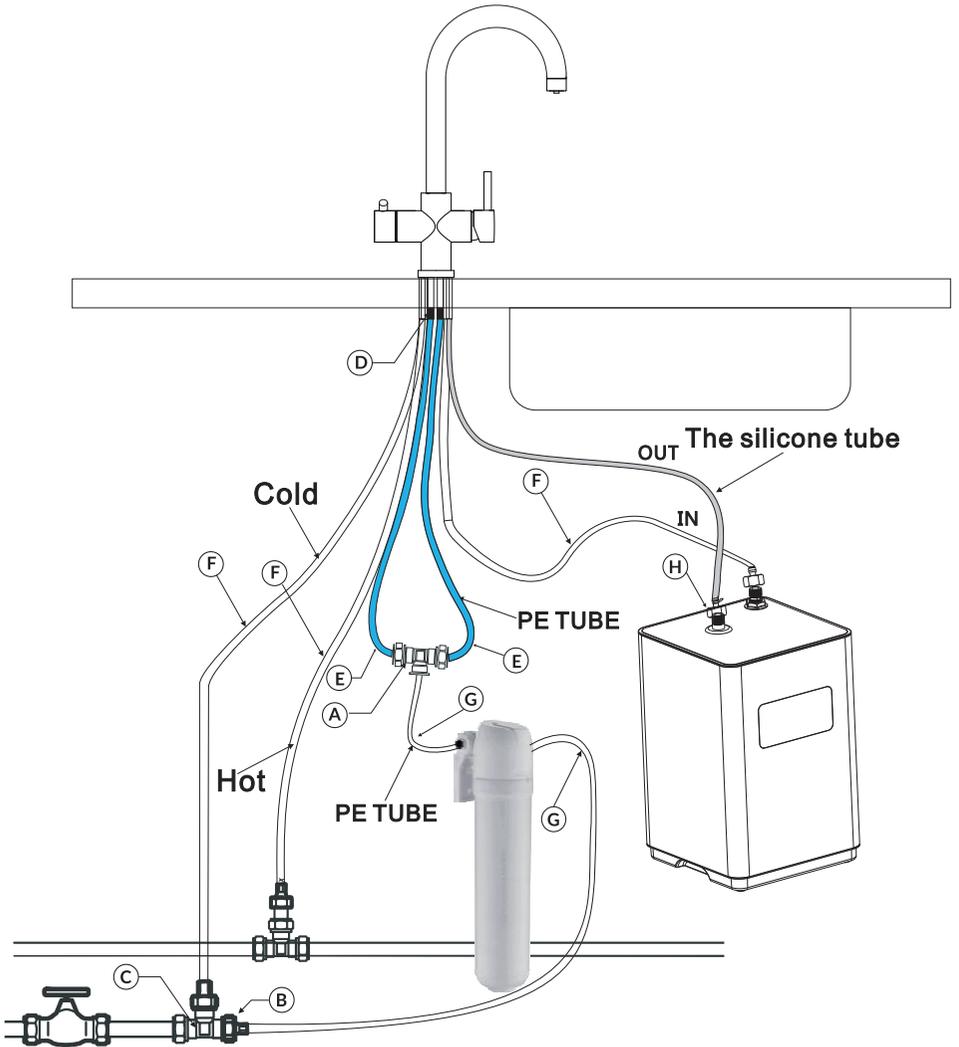
## 4OUR SWAN / SQUARE

### 4-1 BOILING WATER TAP

- |    |          |                                   |    |          |   |
|----|----------|-----------------------------------|----|----------|---|
| x1 | <b>A</b> | 1/4" T quick connector            | x2 | <b>E</b> | Filter tap to hose                      |
| x1 | <b>B</b> | G 1/2" (female) & PE tube adaptor | x3 | <b>F</b> | hose                                    |
| x1 | <b>C</b> | G 1/2" T-piece                    | x2 | <b>G</b> | PE tube                                 |
| x2 | <b>D</b> | 1/4" quick connector              | x1 | <b>H</b> | Silicone joint, O ring & 3/8" BSP brass |

# 4OUR SWAN / SQUARE

## 4-1 BOILING WATER TAP



**IF USING OUR CHILLER UNIT** please see diagram at the back of the booklet

See our installation video - <https://www.intuboilingwatertaps.co.uk/intu-evolution-videos/>

## 1. INSTALLATION PREP

Before installing the 4-1 instant hot 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.

We strongly recommend installing particle filter strainers and isolation valves to both the hot and cold feed pipes in an accessible position. This will help prevent premature failure and ease any future maintenance.

All parts should be removed from their packaging and inspected prior to installation.

This hot water tap required a 35mm diameter tap hole; if replacing an existing tap, remove the old tap & clean the ends of the feed pipes using wire wool; the tap hole area should also be free from dirt and sealant.

## 2. TAP OUTLET FITTING

Turn the tap upside down and note the corresponding colours:

RED screw in the red domestic hot tail & BLUE screw in the blue domestic cold tail  
GREEN screw in the silver tail with the 3/8" BSP nut on the end for the heater input.

Carefully place pipes through the 35mm sink hole (TIP: Pass large ends through first)

Push the rubber C washer and securing plate over the threaded brass threaded stem tubes and secure with the two nuts (Careful not to twist or pinch and pipes).

Connect the domestic hot water tap tail to the domestic hot isolating valve 1/2" BSP

Connect the T piece 1/2" BSP to the cold domestic isolating valve.

The cold water tap tail screws onto an end of the fitted T piece.

The reducing adaptor is screwed onto the remaining end of the T piece.

1/4" PE plastic pipe is pushed into the adaptor end and the other end pushes into the IN on the filter housing. A further 1/4" PE plastic pipe is then pushed into the OUT of the filter housing into a 1/4" push fit T piece. The further two PE plastic pipes are then pushed into the T piece then go to the two brass stem tubes under the tap body using the two push fit 1/4" straight connectors.

**IF USING OUR CHILLER UNIT** a longer 1/4" PE plastic pipe from the 1/4" T piece pushes onto the IN on the chiller unit using a 1/4" push fit connector. Using another same connector the other longer 1/4" PE pipe goes from the OUT of the chiller to the right hand brass threaded stem tube under the side of the tap with the domestic lever on it using another 1/4" push fit connector.

### 3. POSITIONING HEATER & FILTER

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

- + There is a minimum air-space of 150mm to each side of the reservoir/heater unit.
- + There is a minimum air-space of 25mm to the rear of the reservoir/heater unit.
- + Access to any stopcocks, valves, waste traps or other plumbing fittings that may require service is not impeded.
- + The front display and operating controls are readily accessible and visible.
- + All connection pipes can be installed without stretching or twisting of them.
- + Access to the electrical power socket to be used for this appliance is not restricted in any way.

NOTE : Is there a fused 13A power supply within reach of the power cable, will that cable supported for its full length and not stretch. If it is necessary to extend the power cable to reach the nearest suitable socket this must be done by an electrician.

- + The filter is supplied pre-assembled to its plastic wall bracket. This should be mounted in a convenient location on a wall or cabinet side, taking into consideration the length and routing of the connecting hoses.

### 4. TANK HOSE FITTING

Connect the barbed connector with the silicone washer to the RED on the boiler. Slide the clip over the silicone tube and push over the barbed connector.

Tighten the SILVER tail from the tap onto the BLUE on the boiler.

Turn on the isolating valves and check for any leaks.

Operate the domestic hot & cold lever and check for flow of water.

Pull the lever straight down and filtered water will come from the tap.

**IF USING OUR CHILLER UNIT** when you pull down the lever water will flow into the chiller. After about a minute water will flow from the spout. This is priming the unit. Please flush about 4 to 5 litres of water through the chiller.

Now twist and hold the boiling knob of the tap and begin to prime the heater unit. After a minute or so water will flow from the centre of the spout. Please continue to flush about 4 to 5 litres of water through the heater.

Check all connections again for leaks and if clear then plug in the chiller and the heater to your mains sockets.

NOTE: See the Boiling Water Tank Section for instructions how to operate the unit.

**NOTE : FILTERED COLD WATER ONLY - for a minimum of 5 minutes to clean and activate the carbon agency inside the anti-scaling filter before starting the Hot Water Tank. This would prevent any carbon dust from entering the water tank unit.**

## 5. PRIMING THE INSTALLATION

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

Turn the spring-back hot 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 hot 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 RESERVOIR/HEATING UNIT AT THIS STAGE. INSERT THE PLUG INTO ITS SOCKET AND SWITCH ON.**

## 5. TECHNICAL SPECIFICATIONS

Voltage : 220 - 240V AC 50Hz

Rated power : 1500W

Minimum pressure : 1 Bar

Maximum pressure : 5 Bar\*

Water tank capacity : 2.4L

\*NOTE : The 4-1 instant hot water tap may safely be run from a higher pressure cold water supply provided a suitable pressure reducing valve is fitted to the cold water supply pipe.

# 4OUR SWAN / SQUARE

## 4-1 BOILING WATER TAP

### **HOW TO USE YOUR 4-1 BOILING WATER TAP**

- (i) For Filtered Boiling Water - left side of the tap keep the small lock button pressed down and rotate the knob forwards. Let go and will spring back to the off position.
- (i) For Filtered Cold Water - right side of the tap rotate the knob forwards.
- (ii) For mixed domestic water, pull the large lever on the right hand side away from the body and rotate forwards for mains hot water and backwards for mains cold water.

### **REGULATION REQUIREMENTS:**

It is important to ensure that the water supply to your tap is connected in accordance with the water regulation requirements, plumbing code and good plumbing practice.

It is good practice that the supply of hot and cold water to the tap are equal (balanced) pressure in order to provide a consistent flow. Water supply should be from a common source, either mains or tank fed. If the water supply is not equal pressure then a Non Return Valve (check valve) should be fitted on the hot inlet.

### **WATER SUPPLY PRESSURES:**

This tap has been designed to function under the following conditions:

- + Minimum supply pressure for cold water is 1 bar Maximum supply pressure 5 bar (although we only recommend a Maximum supply pressure of 3.0 bar)
- + Should excessive pressure be experienced then it is recommended to install a Pressure Reducing Valve.

### **IMPORTANT - CARE AND MAINTENANCE OF THE TAP:**

Only clean the tap with a soft cloth, warm water and a mild detergent solution. Rinse the tap clean thoroughly afterwards with water. Do not use any abrasive or harsh chemical products, otherwise this will invalidate your guarantee.

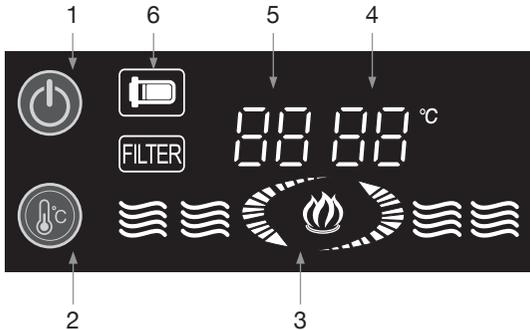
The filter needs changing every 6 months. This is very important for continued running of your system. Failure to do so may damage the unit and invalidate your warranty.

**THESE INSTRUCTIONS ARE ONLY INTENDED AS A GUIDE, IF THERE IS ANY DOUBT THEN CONTACT A CERTIFIED PLUMBER OR SERVICE AGENT AND AVOID USING THE INSTANT HOT WATER SYSTEM UNTIL IT HAS BEEN CHECKED.**

# APEX

## BOILING WATER TANK

### OPERATION INSTRUCTIONS - INSTANT HOT WATER TANK



1. On / Off key
2. Temperature key
3. Heating display
4. Set temperature indicator
5. Actual temperature indicator
6. Filter life indicator

### INSTRUCTIONS:

- Press on/off key (1) **once** to switch the heater on. Press again to turn off.
- Scroll through temperature settings using temperature key (2), leave on desired temperate, indicator will flash three times and set temperature indicator (4).
- Filter life indicator (6) will appear when it is time to change your filter. A reminder will sound after 6 months and again after 12 hours from the first sound.

To reset, replace your filter and hold the temperature key (2) for 10 seconds.

### NOTE:

- + Set temperature settings are 75°C, 85°C, 90°C, 95°C or 98°C.
- + At all times the actual temperature indicator (5) shows the water temperature.
- + When the water is heating the heating display (3) will illuminate and animate.
- + When the water is at desired temperature the heating display (3) will stay on.

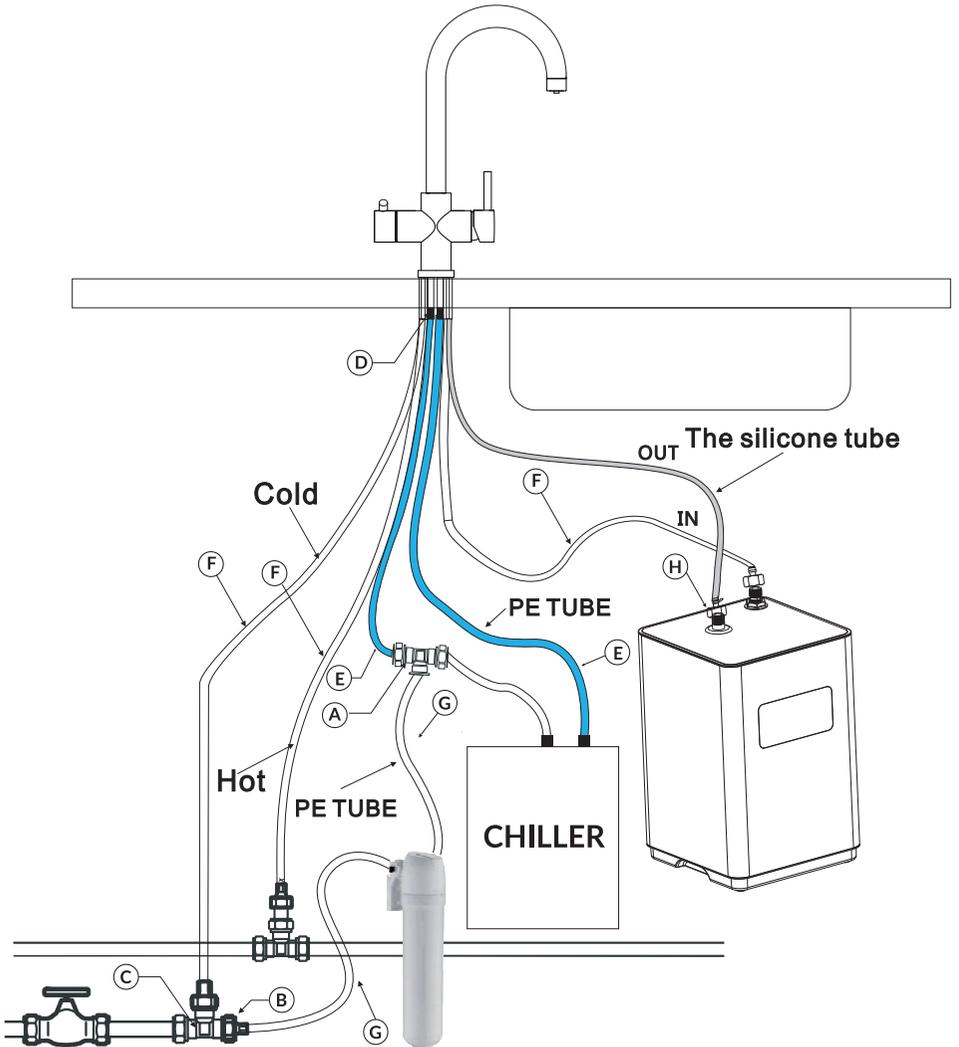
# INTU

## TROUBLESHOOTING

Problem	Likely Fault(s)	Solution
"Set temperature" indicator flashes E3	Insufficient water in the tank	Price the installation as described in the installation instructions above.
Water and steam is spitting from the tap	Unit is boiling	Turn the tap handle on and release the water. Adjust the temperature on the tank display to a lower setting.
Water is not hot	The tank is not plugged in, there have been a power cut or the tank has not been turn on	Make sure everything is plugged in correctly. Check home circuit breaker & fuse are working correctly. Turn on the tank and set required temperature.
Water is not hot	Water temperature setting on display panel is set too high.	Reset the temperature and confirm the boiling heats up.
Water is dripping from the tap.	The expansion chamber isn't draining the system correctly due to very small draw off of water. The spout is blocked	Draw off 0.5L of water to clear and prime the system. Avoid less than 150ml draw-offs of water. Remove and clean the aerator on the tap.
Slow flow from the spout.	Water filter may be blocked from impurities in the inlet mains water.	Replace filter cartridge.
Water does not flow straight away.	The application is designed for non-pressurised operation which will cause a slight delay before water is dispensed.	No action required.
No water coming from the tap.	Water valve have been shut off.	Check all the valves are open.
No water coming from the tap.	Inlet pipes are twisted or blocked.	Ensure the pipes are not twisted or kinked to restrict flow.  Check aerator is not blocked by unscrewing top nozzle. Aerator should be detached from silicone tube and cleaned if required.

# 4OUR SWAN / SQUARE

4-1 BOILING WATER TAP + CHILLER



See our installation video - <https://www.intuboilngwatertaps.co.uk/intu-evolution-videos/>





**INTU**  
EVOLUTION

## **CUSTOMER CARE**

UK Freephone: 01772 923 849

Email: [enquiries@intuevolution.co.uk](mailto:enquiries@intuevolution.co.uk)

[www.intuevolution.co.uk](http://www.intuevolution.co.uk)

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