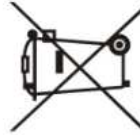


Instruction Manual

Instant Electric Hot Water Tap TAP 1



This product must not be disposed together with the domestic waste. This product has to be disposed at authorized place for recycling of electrical and electronic appliances. By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmental friendly and healthy way.

Remarks: The specifications may be change without prior notice. All features and specifications are all given by manufacturer.

Installation and User Guide

Installation and User Guide

IMPORTANT:

This booklet should be left with the user after installation and demonstration.

This product should not be disposed of in the normal household waste. This product must be disposed of at a site designated for the recycling of electric and electronic devices.

The specifications given in this booklet may be changed at any time by the manufacturer, without prior notice. All features and specifications are correct at the time of printing.

IMPORTANT SAFETY INFORMATION

THIS APPLIANCE CAN BE USED BY CHILDREN AGED FROM 8 YEARS AND ABOVE AND PERSONS WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES, OR LACK OF EXPERIENCE AND KNOWLEDGE IF THEY HAVE BEEN GIVEN SUPERVISION OR INSTRUCTION CONCERNING USE OF THE APPLIANCE IN A SAFE WAY AND UNDERSTAND THE HAZARDS INVOLVED.

CHILDREN SHALL NOT PLAY WITH THE APPLIANCE.

CLEANING AND USER MAINTENANCE SHALL NOT BE MADE BY CHILDREN DO NOT SWITCH THE APPLIANCE ON IF YOU SUSPECT THE APPLIANCE OF BEING FROZEN. WAIT UNTIL YOU ARE SURE IT HAS THAWED OUT.

This appliance has been designed for convenience, economy and safety of use, provided that it is installed, used and maintained in good working order and in accordance with our instructions and recommendations.

ALL WIRING AND INSTALLATION MUST BE SUPERVISED BY A SUITABLY QUALIFIED PERSON. THIS APPLIANCE MUST BE EARTHED.

- The installation must be in accordance with the current edition of BS. 7671 (the 'IET Wiring Regulations') and 'Part P' of the 'Building Regulations' in force at the time of installation.
- Installations outside England and Wales must also conform to any local regulations in effect
- This appliance is intended to be plugged into a standard UK mains socket or permanently connected to the fixed electrical wiring of the mains supply with its own dedicated supply.
- This appliance must NOT be fitted where it may be subjected to freezing conditions.
- Always isolate the mains electrical and water supply before removing the appliance front cover.

#2 Advice to Users

The following points will help you have a greater understanding of how your instant electric hot water tap works:

The electric heating element operates at a constant rate.

The required water temperature is achieved by adjusting the rate of water flow.

The higher the water flow, the lower the temperature and vice versa.

The temperature of the water supplied from the mains can vary considerably throughout the year from 5 to 20°C.

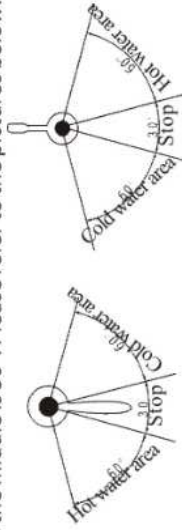
This means that in the winter, flow rate will be less than in the summer to achieve the same outlet temperature.

Your tap is designed to work within a range of water pressures, if the pressure falls below the minimum pressure required, it is likely that the pressure switch will turn off the power to the heating element, resulting in cold water being produced by the unit.

OPERATION GUIDE

Handle operation

As shown in the figures below, the turning angle for the handle is 150°. The hot water area is 60°, the cold water area is 60° and the "stop" area in the middle is 30°. Please refer to the pictures below:

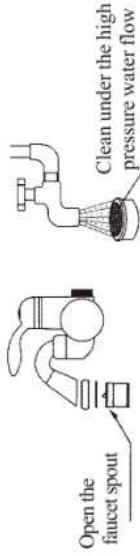


Indicator Light

When the indicator light is blue, the unit is heating

Cleaning the Tap

Unscrew the outlet and place under fast running water, using a toothbrush if necessary to remove any lime scale deposits.



Cleaning the heating element

Disconnect the plug/electricity supply and remove Cap C after taking off the security screw. Clean the element with a firm toothbrush or similar to remove any deposits and rinse with clean water. Screw the cap back on, securing with the small security screw.



INSTALLATION INSTRUCTIONS

NB. The installation should be carried out by a suitably qualified professional.

Please ensure all electricity and water are disconnected before fitting.

Typical Installation

If the electric socket or fused spur you intend to use is under the sink, please refer to fig.1

Place the tap unit into the hole in the sink and secure well, then connect the water feed pipe as per fig.1. Turn on the water supply and operate the lever to allow the water to flow, checking for leaks. If all seems well, connect the electrical supply.

Connect the electrical supply as per fig 2, via the plug supplied or by a fused spur. Secure the cable with wire clips.

Turn the level to the hot water area, the heating indicator will illuminate and the water will begin to heat. Then turn the lever to the cold water area and the illumination should turn off.

If your units was supplied with a circuit breaker, please test the circuit breaker before using the unit.

Testing the circuit breaker

Connect the electrical supply and press "reset", the electricity indicator should light up. Then press "Test" and the indicator should go out and an audible "click" should be heard. If so, the circuit breaker is working correctly.

INSTALLATION DIAGRAM

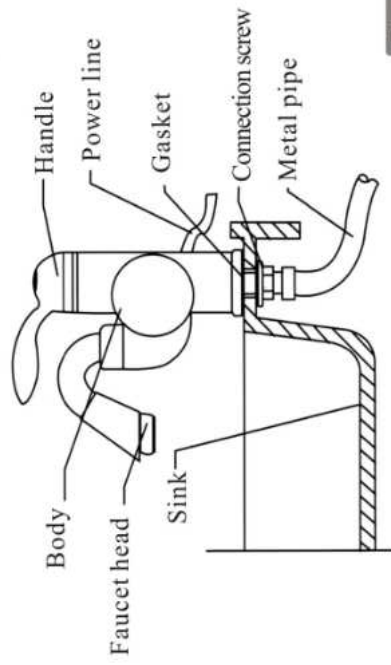


Figure 1

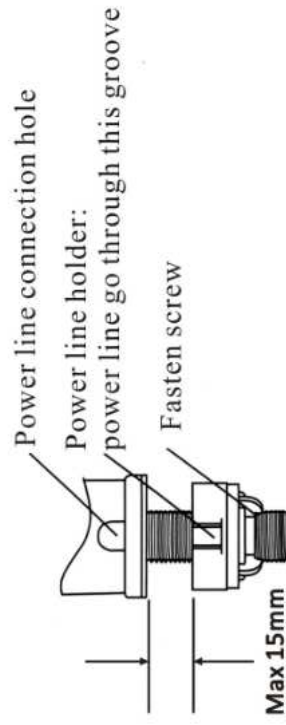


Figure 2

NOTICE

Caution: There may be a higher water temperature flow from the unit if the tap is turned on again after previously running for an extended period.

Caution: Outlet water can be very hot when the water flow is very low. The unit is not designed to provide drinking water. The tap must be correctly earthed.

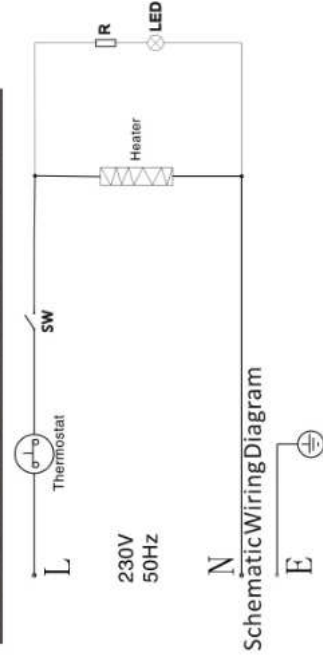
The tap body can be cleaned with a damp cloth and ordinary detergent only—please do not use solvents, alcohol, petrol or any corrosive solutions.

Schematic Wiring Diagram



Outlet water is hot when the water flow is low!

SCHEMATIC WIRING DIAGRAM



TECHNICAL PARAMETER

Model	kW loading 230V~	Recommended cable size	Recommended Amps
43679001 TAP 1	2.5kW	1.5mm ²	13Amps
Voltage	Frequency	Rated pressure	
230V~	50Hz/60Hz	0MPa	

Operating water pressure: 0.035~0.6MPa

TROUBLE SHOOTING

Failure	Cause	Troubleshooting
No or little water from outlet	Stoppage of water impurities in inlet filter or spout	Take off and clean the inlet filter\spout
	No power	Check if the ELCB has activated
No heating	Unconnected the power supply	Check the power circuit, check if the connection is correct;
	Low water pressure	The minimal water pressure should be no less than 0.035MPa.
Outlet water temperature is high	Inlet blocked or Water pressure is too low.	Check and clean the inlet filter, Turn up the water pressure.

GUARANTEE

Terms and Conditions for UK (outside UK contact your local distributor) In the unlikely event of a product breakdown during the guarantee period, you should contact our Service and Repair Helpline who will be able to assist with the repair and advise of the best course of action to be taken. Please DO NOT remove the product prior to making this call as this may invalidate your guarantee. Service and Repair Tel: 0844 372 7766 or email: technical.services@redringxpelair.com We guarantee this product for a period of 12 months from the date of purchase.

Within the guarantee period we will resolve, free of charge, any manufacturing defects in the product resulting from faulty workmanship or material on condition that:-

- a) The product has been correctly installed and commissioned in accordance with our instructions and is being used on the supply circuit or voltage printed on the rating plate.
- b) The product has been used in accordance with these instructions and has not been tampered with or otherwise subject to misuse, neglect or accident.
- c) The product has not been taken apart, modified or repaired except by a person authorised by us.
- d) Evidence of the date of purchase in the form of an invoice or receipt will be required in order to qualify under the terms of this guarantee.
- e) For the service work to be undertaken free of charge, the work must only be undertaken by Redring Xpelair Group Limited, or our approved agents.
- f) Service under guarantee has no effect on the expiry date. The guarantee on any exchanged parts or product ends when the original guarantee period ends.

EXCLUSIONS

- This guarantee DOES NOT cover damage or defects arising from poor or incorrect installation, improper use or lack of maintenance, including the build-up of limescale.
- It is the responsibility of the installer to check that the installation parameters meet the requirements of the products, and any relevant regulations.
- If we are called out to a fault, which is subsequently identified as being an installation fault, we will make a charge.
- It is important that the routine checks are completed before calling us out, as many issues can be simply diagnosed and resolved.
- A charge will be made where a call under the terms of the guarantee has been booked and a failure was not product related, or an engineer arrives and is not able to gain access.
- We make no guarantees as to response time for repairs.
- We will endeavour to achieve the timeliest response possible but while we indicate an average response time, this should not be taken as a guarantee.
- The guarantee applies to a repair or replacement (at our discretion) of the product subject to the conditions above, and DOES NOT cover compensation for the loss of the product or consequential loss of any kind.
- This guarantee does not apply to the repair or replacement of pressure relief devices, sprayheads, isolating switches, electrical cable, fuses and/or circuit breakers.
- This guarantee does not affect your statutory rights.

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