

INSTALLATION INSTRUCTIONS –
POINT OF USE WATER HEATERS

EPU - HW



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INTRODUCTION

Thank you for purchasing this instantaneous water heater. This handwash unit is manufactured to the highest standards and has been designed to meet all the latest relevant safety regulations.

Please read and understand these instructions before starting work. Please leave these instructions with the user following installation.

This water heater must be installed by a qualified technician. The manufacturer will not be held liable for damages caused by incorrect installation and/or the failure to comply with the instructions contained in this manual. Particular attention should be paid to the section headed "Installation."

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 without supervision.

Children must be supervised to ensure they do not play with the appliance.

The spray head must be descaled regularly

WARNING: Do not switch on if there is a possibility that the water in the heater is frozen.

COMPONENT CHECKLIST

Before commencing installation check that all the following components have been supplied with water heater.

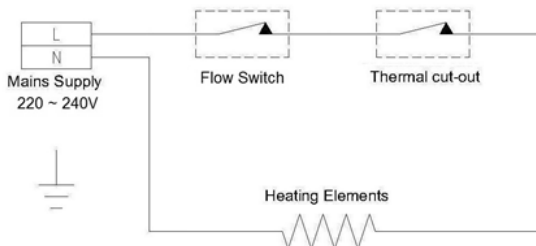
Heater

Spout

Fitting instructions

TECHNICAL SPECIFICATION

| | |
|---------------------------|-------------------------|
| Power | 2605 ~ 3100W |
| Voltage | 220 ~ 240V |
| Current | 11.8 ~ 12.9A |
| Rated pressure | 0 Pa |
| Water pressure | 1 ~ 7bar (0.1 ~ 0.7MPa) |
| Water connection | 1/2" BSP male |
| IP Code | IPX4 |
| Inlet and outlet distance | 90mm |
| Dimensions | 220 x 170 x 90mm |
| Weight | 1.6kg |
| ErP Band | A |
| Load Profile | XXS |
| AEC | 509.3kWh |



COMPONENT DIAGRAM

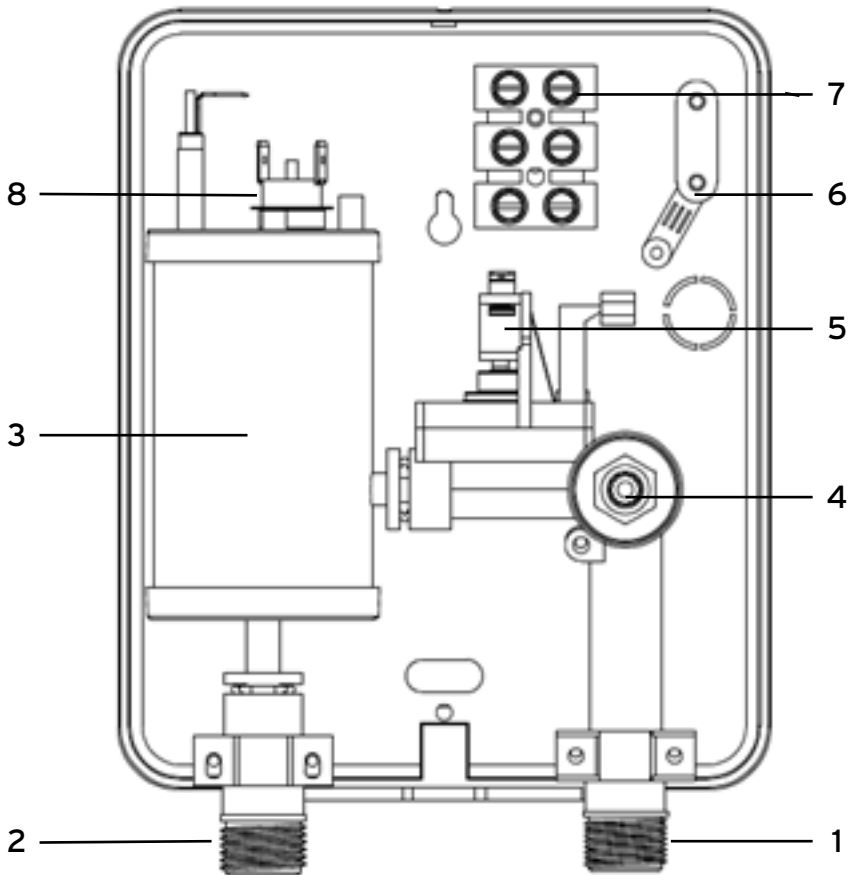


Figure 1.

1 - Inlet

2 - Outlet

3 - Water container assembly

4 - Flow valve (To close: turn clockwise)

5 - Flow switch

6 - Cable clamp

7 - Main connector block

8 - Thermal cut-out

INSTALLATION

Products are manufactured in accordance to International Standards; IEC 60335-1. These appliances are safe and without risk, provided they are installed, used and maintained in good working order in accordance with our instructions and recommendations.

Please read and understand these instructions before starting work and retain them for later use.

DO NOT operate the appliance if it is without water.

These heaters are of the opened outlet type (0 rated pressure) and are suitable for connection to normal cold water mains supplies up to a maximum of 0.7MPa (7bar).

DO NOT operate the appliance if:

- Water ceases to flow during use.
- Water has entered inside the unit because of an incorrectly fitted cover.
- The appliance is damaged.

In all the above cases turn off mains power and isolate water supply.

ISOLATE the electrical and water supplies before removing the cover.

ISOLATE the electrical and water supplies BEFORE proceeding with installation or servicing.

CAUTION

It is recommended that persons who may have difficulty understanding or operating the controls should not be left unattended whilst using the appliance. Special consideration should be given to young children and persons with reduced physical, sensory, or mental capabilities.

Only use designated entry points for cable and pipe.

INSTALLATION

WALL MOUNTING

Mount the unit to the wall using suitable fixtures for the wall material.

Ensure the wall is suitable for supporting the load.

Ensure there is no obstruction at the screw holes such as electrical cables or water pipes.

PLUMBING

All plumbing work must comply with national and applicable national and local plumbing regulations.

The supply pipe must be flushed to clear debris.

Cold water connection (inlet) is on the right side of the unit, hot water connection (outlet) is on the left side of the unit; which need to be connected with the spout.

The outlet must not be connected to any tap or fitting other than those specified.

All plumbing connections must be completed and checked for leaks before making the electrical connections.

INSTALLATION

ELECTRICAL

CAUTION: In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

All electrical work must comply with national and applicable national and local electrical regulations.

Before fitting the appliance, ensure that the consumer unit and any switches are suitable for the additional load. If in doubt, contact your electricity supplier or a qualified electrician.

In each case a double pole isolating switch with a contact separation of at least 3mm in each pole, and a minimum rating of 13Amp must be incorporated

in the wiring of the appliance.

It is recommended that a residual current device (RCD) is used to provide additional protection against electric shock. This may be part of the consumer unit or a separate unit. The handwash must be connected to its own independent electrical circuit.

Feed the wires through side entry point or break plastic for wall entry and tighten down on wire the cable grip as shown in Figure 2. The "live" wires must be connected to the slots on the terminal block marked L. The ground wire must be connected to the slot marked with the ground symbol.

A minimum heat resistance cable size of 1.5mm² shall be used.

Reinstall plastic cover.

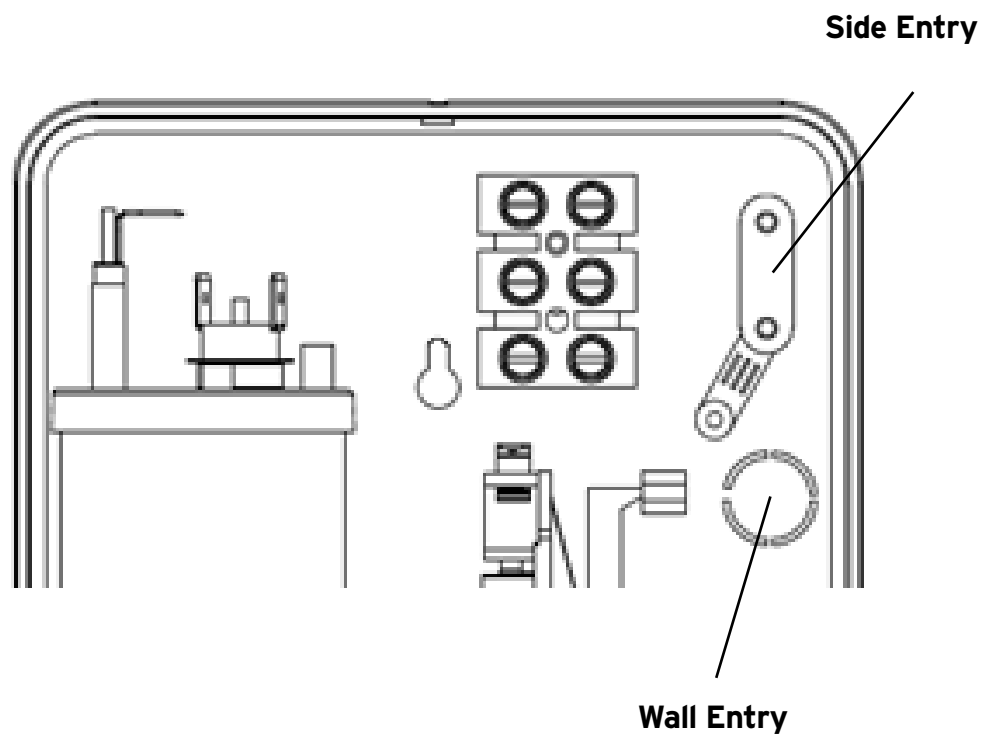


Figure 2.

COMMISSIONING

Open the isolating stop valve for a few minutes until water flow is continuous and all air is purged from water pipes. The unit's plastic cover must be fitted before the handwash is turned on.

Turn on main switch to bring electrical power to the unit.

WATER HEATER READY FOR USE

Adjust the water flow and/or temperature to the desired level using the knob on the front cover of the unit.

Explain to the user how the unit works and familiarise him or her with its use. Advise the user about possible hazards. Hand over these instructions, to be kept for future reference.

MAINTENANCE

The handwash is designed for a very long service life.

Actual life expectancy will vary with water quality and use. The unit itself does not require any regular maintenance.

To ensure consistent water flow, it is recommended to periodically remove scale and dirt that may build up at spray head.

GUARANTEE AND SERVICE POLICY

This product is guaranteed against faulty materials and manufacture for a period of one year from the date of purchase. In the event of issues with the product the customer shall contact the technical help line. The branch the product shall be returned to will be identified and a return number will be allocated. The customer shall then return the product to the branch along with the returns number. No on site field support will be provide for this product.

The Guarrantee is valid provided that:

1. The appliance has been installed by a competent person in accordance with the Installation, User instructions, all relevant Code of Practice, Regulations in force at the time of installation and that all necessary controls and safety devices have been fitted correctly.
2. The appliance has only been used for heating potable water.
3. The appliance has been maintained as detailed in the Installation and User Instructions.
4. The product has been returned with proof of purchase & returns number

Exclusions:

The inner container with integral heating element is not guaranteed against excessive scale build-up.

The Warranty is void if:

1. The appliance has been modified or tampered with in any way.
2. The appliance has been damaged by frost.

This guarantee, in no way, affects the statutory rights of the consumer



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We take every care and precaution to ensure that information in this document is accurate at the point of publish but with continuous product development the details given in this document are subject to alteration without notice.

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