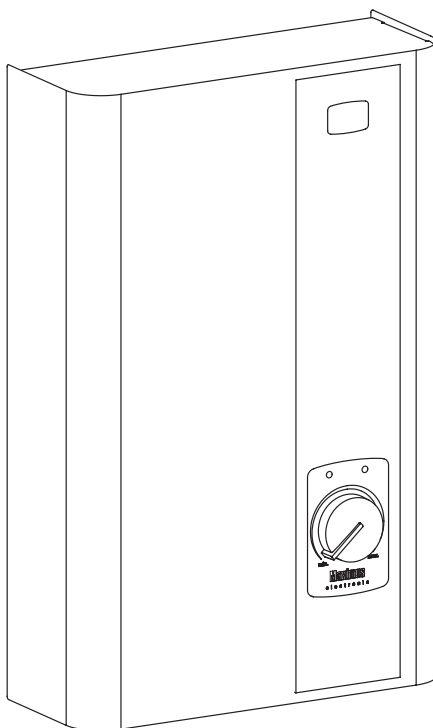




**FLEXIHEAT UK LTD**  
www.flexiheatuk.com  
01202 822221

---

## **Electric Instantaneous Water Heater**



---

**36kW Instant water heater - electronic control**





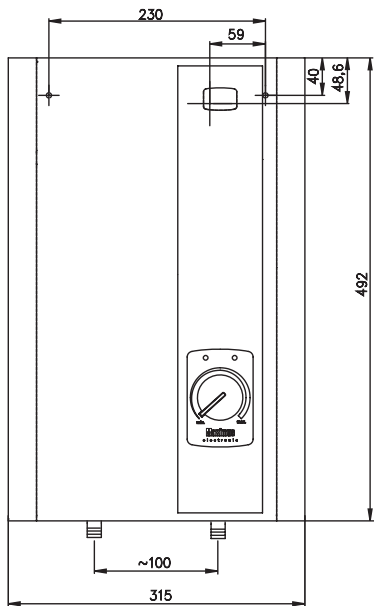
*This appliance must not be used by children and by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge about the product. Any user must be given supervision or instruction concerning safe usage of the appliance and that they are aware of potential dangers that might result from usage of the appliance. Children should not play with the device. Unqualified persons should not complete any cleaning nor maintenance procedures on this water heater*

## Safety instructions

---

1. Read and strictly follow the installation and operating instructions to ensure a long life and reliable unit operation.
2. The unit is designed to be wall mounted.
3. A non-return valve must not be installed on the cold water supply pipe.
4. The unit should be installed close to the most frequently used tap.
5. Inlet and outlet pipes should not be made of plastic.
6. It's recommended to install a **isolating valve** and **water filter on the water inlet** pipe.
7. The unit can only be used when in perfect technical condition and correctly assembled.
8. The unit should always be **vented before initial start-up**. Vent the unit each time after the water has been emptied from the heater or pipes (e.g. when water supply system has been repaired or maintained).
9. Connection to the mains and measurement of fire protection effectiveness should be made by a qualified person.
10. The unit has to be earthed or neutrally grounded.
11. The unit must be permanently connected to the mains which is equipped with earth clamp.
12. The unit must not be installed in the place which is exposed to the danger of explosion and place in which the temperature may go down below 0°C.
13. The unit must be kept in a place in which the temperature never go down below 0°C (there is water inside the unit).
14. Do not use when the water has been emptied from the unit or pipes (e.g. when water supply system has been repaired or maintained).
15. Unit's cover must not be taken off while power is on.
16. Accumulation of limescale in parts of the water heater may cause limited water flow and failure of the water heater. Failure of the heater and damages caused by the limescale will not be covered by the warranty. The water heaters and fittings must be descaled on the regular basis, the frequency of limescale removal depending on the quality of water.
17. Appropriate precaution must be taken while using hot water. Temperature of water over 40°C may cause hot feeling and can be dangerous for children.

## Installation – Assembly

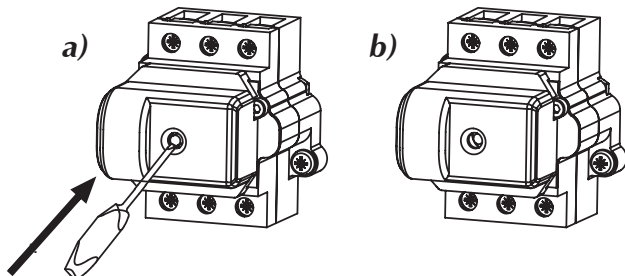


1. Bring to the place where the heater is to be situated, three-phase installation, in accordance with proper standards.
2. Bring water pipes to the marked places, keeping in mind that the cold water inlet is on the right-hand side (G1/2"), the hot water outlet is on the left hand side (G1/2").
3. Remove the case and disconnect the plug-in connector [NAST].
4. Fix the heater on the fixing hooks after inserting the supply wire through the hole.
5. Connect electric supply wires and connect the heater to the water system.
6. Flood the heater by letting cold water in (allow mains pressure gets to the appliance) and check connection for leaks.
7. During heater's installation, check the activation of safety switch (**only applies to the first connection of the device**).
8. Fix the case.
9. Make sure that there is no access to live parts through the holes at the back plate.

Safety temperature limiter

a) - to switch it on

b) - limiter "switched on"



**Attention ! In the event of a safety switch being triggered during operation, please contact the service.**

**Switching on the safety switch again and continuing to use the device may cause danger and serious damage to the heater.**

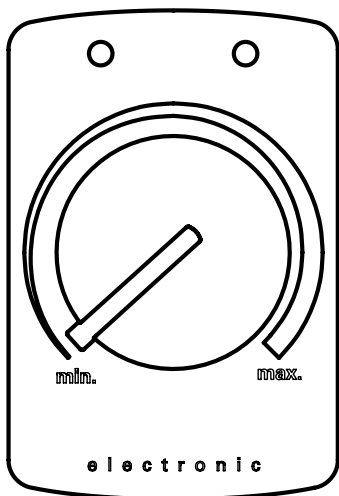
## Venting

---

1. Cut off electric supply.
2. Turn the hot water tap on for the period of venting the installation (about 15-30 seconds) until the flow of water becomes constant and even.
3. Switch power supply on.

## Operation

---



The heater switches on automatically straight after reaching a **flow rate over 2.5 l/min**. The temperature control system selects an appropriate heating power depending on the rate of flow, temperature setting (set with the use of a knob on the front case) and the temperature of water in the mains. There are two indicators on the case:

green – power supply “on”,  
red – heating “on”.

Other modes are shown by flickering green light.

Number of impulses (green indicator)	description
1	The unit was switched off because the temperature has exceeded the maximum value (fault signal will not disappear until the appropriate rate of water flow is reached).
2	The unit was switched off by a master appliance.
3	The inlet temperature sensor failure.

***The heater is factory set at NORMAL mode (30 - 60°C). Change of the modes can only be done by authorised service.***

# Faults

If the following signals of faulty work are noticed, check for possible reasons:

Faultw	Reason
if the indicators on the case are off	the plug-in connector is not properly inserted [NAST],
	there is a failure of power supplies,
if the heating is weak or it does not heat at all	there is a failure of power supplies,
if the flow rate is not sufficient	regulating valve has been incorrectly adjusted.

Repairing the above is not covered by the warranty. If the heater breaks down (and it is caused by none of the above reasons) you need to contact distributor/seller.

## Technical data

### EIWH36 Electric instant water heater

Rated power		kW	36
Rated voltage			400V 3~
Rated current		A	3 x 52
Rated voltage			380V 3~
Rated current		A	3 x 55
Rated voltage			415V 3~
Rated current		A	3 x 39.9
Supply water pressure - min to maximum		Bar	1 to 6
Minimum Operating flow		l/min	2.5
Flow rate (at $\Delta t = 30^{\circ}\text{C}$ and water pressure @ 6 Bar)		l/min	17.3
Maximum water flow rate		l/min	22
Temperature range set by knob	NORMAL mode	$^{\circ}\text{C}$	30 to 60
	SHOWER mode		30 to 55
Overall dimensions		mm	492 x 315 x 140
Weight		kg	9.1
Fuse rated current		A	63
Connecting wires section		mm <sup>2</sup>	4 x (10 ÷ 25)
Safety class			IP 24
The maximum allowed network impedance		$\Omega$	0.09
Water inlet and outlet section			G 1/2" (distance between inlet and outlet 166mm)





Used product can't be treated as general communal waste. Disassembled appliance has to be delivered to the collection point of electrical and electronic equipment for recycling. Appropriate utilisation of used product prevents potential negative environmental influences that may occur as a result of inappropriate handling of waste. In order to get more detailed information about recycling this product you should contact the local government unit, waste management service or the shop where this product has been purchased.



**FLEXIHEAT UK LTD**

[www.flexiheatuk.com](http://www.flexiheatuk.com)

01202 822221