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AURES MULTI

INSTANTANEOUS ELECTRIC WATER HEATER

EN INSTALLATION & OPERATION MANUAL

GENERAL SAFETY INSTRUCTION

1. This manual is an integral part of the product. Keep it with in a safe place, and hand it on to the next user/owner in case of change of property.
2. Read the instructions and warnings in this manual carefully, they contain important information regarding safe installation, use and maintenance.
3. The appliance must be installed and commissioned by a competent person in accordance with local legislation and health and safety regulations. All electrical power supply to the unit must be isolated and made safe before you open the terminal block.
4. **DO NOT** use the appliance for anything other than its specified use. The manufacturer is not liable for damage resulting from improper or incorrect use or failure to observe the instructions given in this manual.
5. Incorrect installation can result in damage to property and injury to persons and animals; the manufacturer is not liable for the consequences.
6. **DO NOT** leave the packaging materials (staples, plastic bags, expanded polystyrene, etc.) within the reach of children - they can cause serious injury.
7. **This appliance can be used by children aged from 3 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. DO NOT permit children to play with the appliance. User cleaning and maintenance may not be done by unsupervised children.**
8. Any repairs, maintenance, plumbing and electrical connection must be done by a competent person using original spare parts only. Failure to observe the above instructions can compromise the safety of the appliance and relieves the manufacturer of any liability for the consequences.
9. The hot water temperature is regulated by a thermostat which also acts as a safety device to prevent dangerous overheating.
10. The electrical connection must be done as indicated in this manual.
11. If the appliance is equipped with a power cable, the latter may only be replaced by an authorised service centre or professional technician.
12. Make sure to drain the appliance when it is out of service or in an area subject to subzero temperatures.
13. Do not leave flammable materials in contact with or in the vicinity of the appliance.
14. **DO NOT** touch the appliance when barefoot or if any part of your body is wet
15. Before using the device and after routine maintenance, we recommend flushing the unit to remove any debris .
16. Do not place anything under the water heater which may be damaged by a leak.

Symbol	Meaning
	Failure to observe this warning can result in injury, which may even be fatal in certain circumstances
	Failure to observe this warning can result in damage or injury, even to property; plants and animals
	Observe the product's general and specific safety instructions.

GENERAL SAFETY STANDARDS

Ref.	Warning	Risk	Symbol
1.	Do not open the appliance or remove from its installation	Electrocution hazard due to the presence of live electrical equipment. Personal injury -overheated burns caused by components and wounds caused by sharp edges	
2.	Do not start or stop the appliance by inserting/pulling the power plug	Electrocution hazard due to damage to the power cord, its plug or the socket	
3.	Do not damage the power cable	Electrocution hazard due to bare live wires	
4.	Do not leave objects on the appliance	Personal injury due to objects falling off the appliance as a result of vibration	
		Damage to the appliance or other property due to objects falling off the appliance as a result of vibration	
5.	Do not climb onto the appliance	Personal injury due to falling off the appliance	
		Damage to the appliance or other property due to the appliance itself detaching from its mounting	
6.	Do not clean the appliance without having first isolated the electrical power supply to the unit.	Electrocution hazard due to the presence of live electrical equipment	
7.	Install the appliance to a solid wall which is not subject to vibration	Danger of the appliance falling off the wall due to structural collapse	
8.	Make the electrical connection with cables of adequate cross-section	Danger of fire due to overheating of undersized electrical wires	
9.	Restore all safety and control functions after working on the appliance and check that they are operational before returning it to service	Damage or blocking of the appliance due to improper control	
10.	Drain all components containing hot water, using the bleed cocks, before handling them	Danger of burns	
11.	Descale the system as given in the products "safety sheet"; when doing so, ventilate the room, wear safety clothing, make sure not to mix products, and protect the appliance itself and any adjacent objects	Personal injury due to contact of the skin and eyes with acid, inhalation or ingestion of noxious chemicals	
		Damage to the appliance and adjacent objects due to corrosion by acid	
12.	Do not use insecticides, solvents or aggressive detergents to clean the appliance	Damage to plastic and painted parts and assemblies	

TECHNICAL CHARACTERISTICS

For the technical specifications, refer to the nameplate (the nameplate is located on the right side of the water heater).

PRODUCT INFORMATION	
Model AURES	M 9.5 240V EU
Power (kW)	9.5
Voltage (V)	240
Phases	Mono
Installation	Multi point
Construction	Close outlet
Frequency (Hz)	50/60
Electric current (A)	39.6
Electrical diagram	III
Water Protection	IP25
Pipe Connection	1/2" BSP
Minimum water flow (l/min)	2.1
Qelec (kWh)	2.224
Max water pressure	800 kPa (8 bar)
Load profile	XS
Lwa (dB)	15
η_{wh}	39%
Rated Volume (l)	0.45
Weight (kg)	2.2
Dimensions (mm)	304 x 220 x 110

The power consumption data in the table and the other information given in the Product Data Sheet (Enclosure A to this manual) are defined in relation to EU Directives 812/2013 and 814/2013.

The products without the label and the data sheet for water heaters and solar devices, stipulated in regulation 812/2013, are not intended to be used in such assemblies.

Products equipped with a regulator knob have the thermostat positioned in the <ready to use setting indicated in the Data Sheet (Enclosure A), according to which the relevant energy class has been declared by the manufacturer.

The product should be connected only to an electrical supply with the relevant system impedance no more than 0.237 ohm.

Restrictions to connection may be imposed by the supply authority on the use of equipment in the actual relevant system impedance at the interface point on the user's premise exceeds 0.237 ohm.

This appliance is conforming with the international electrical safety standards IEC 60335-1 and IEC 60335-2-35. When present, The CE marking of the appliances attests its conformity to the following EC

Directives, of which it satisfies the essential requisites:

- LVD Low Voltage Directive: EN 60335-1, EN 60335-2-35, EN 60529, EN 62233, EN 50106.
- EMC Electro-Magnetic Compatibility: EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3, EN 61000-3-11 and EN 61000-3-12.
- ERP Energy related Products: Eu812, Eu814, EN50193-1-2013

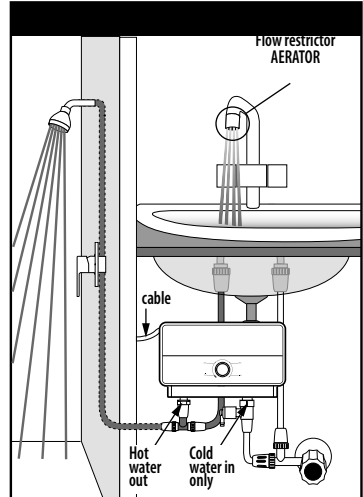
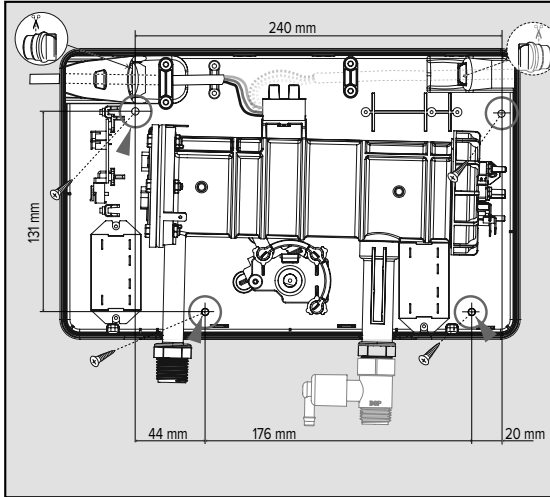
The UKCA marking of the appliances attests its conformity to the following UK legislation

- Electromagnetic Compatibility Regulations 2016
- Electrical Equipment (Safety) Regulations 2016
- The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2019
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Installation Instructions:

The appliance must be installed and commissioned by a competent person in accordance with established regulations and local health and safety regulations.

1. Before performing any operations, disconnect the electricity using the external switch
2. Open the two screws located at the bottom of the device and remove the cover from base.
3. Fix the base horizontally against a wall or side of cabinet, the inlet and outlet water pipes are on the down/bottom side of the unit. Use the four mounting screws provided.



4. **Use the supplied water filter on the inlet water pipe line (see diagram)**
5. Connect the incoming cold water pipe to the inlet connection point on the bottom right side and the outgoing hot water pipe to the outlet water pipe on the bottom left side. Turn open the of water supply and check there is no water leakage from the unit.
6. Use an all pole switch conforming with national laws in force (contact gap of at least 3 mm, preferably equipped with fuses) to disconnect the appliance's power supply.
7. Connect the power cable to the terminal block inside the unit. The appliance must be earthed and the earth cable must be fixed to the terminal marked by the symbol .
8. Turn on the unit and check that it is operating as required.
9. Reconnect the cover to the base with 2 screws.
10. It is required that a Ground Fault Circuit Interrupter/Earth Leakage Circuit Breaker be incorporated in the circuit.
11. **Make sure to install the pressure relief valve correctly (supplied with the product) before Inlet pipe.**
12. **It is required to install a flow control restrictor (AERATOR) at the sink or shower.**
13. **WARNING: UNIT MUST BE PROPERLY GROUNDED**
14. **THIS HEATER MUST HAVE ITS OWN INDEPENDENT CIRCUIT USING A CORRECTLY RATED CIRCUIT BREAKER AND SUITABLE WIRE, SEE TABLE RECOMMENDED CABLE**

OPERATING INSTRUCTIONS

1. Your new Instant Water Heater is flow activated. Regulate the knob in one of the 3 setting power (I, II, III) the product will switch ON once the hot water tap is turned on, the heating element will work and warm the water only when there is a flow of water through the appliance.. You will need to allow at least 2.1 litres per minute to flow through the unit in order to activate the Instant Heating System. Run water through the heater for a few minutes.
2. Be sure to every so often clean the spray head to assure a smooth water flow.
3. Be sure to every so often clean the incoming water filter.
4. Be sure to install your Instant Water Heater in a heated location. The appliance cannot be installed in areas where the temperature may drop critically and there may be a risk that ice may form.
5. The user can adjust the hot water temperature regulating the setting power on the unit. the user can choose from 4 different power settings:
 - O - Heating element is off
 - I - Only the 1st Heating element switches on.
 - II - Only the 2nd heating element switches on.
 - III - 1st and 2nd heating elements switch on, working together.

INSTALLATION REQUIREMENTS

- A. A separate electrical supply is required.
- B. The device must be connected to a separate circuit breaker.
- C. The recommended electrical cable for supplying the device, see table I (next page)

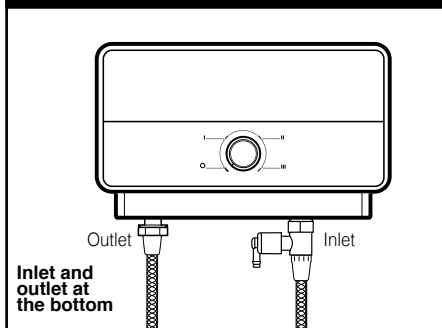
INSTALLATION

See electrical diagrams at the end of the booklet.

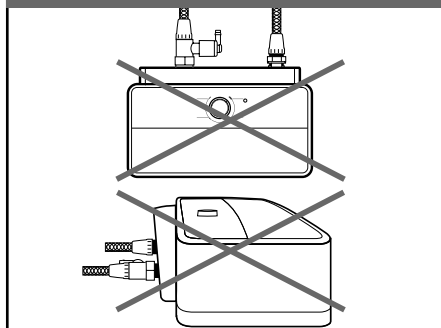
WARNING!

BEFORE BEGINNING ANY WORK ON THE ELECTRICAL INSTALLATION BE SURE THAT THE CIRCUIT BREAKER IS IN THE "OFF" POSITION TO AVOID DANGER OF ELECTRICAL SHOCK

Correct Installation



Incorrect Installation



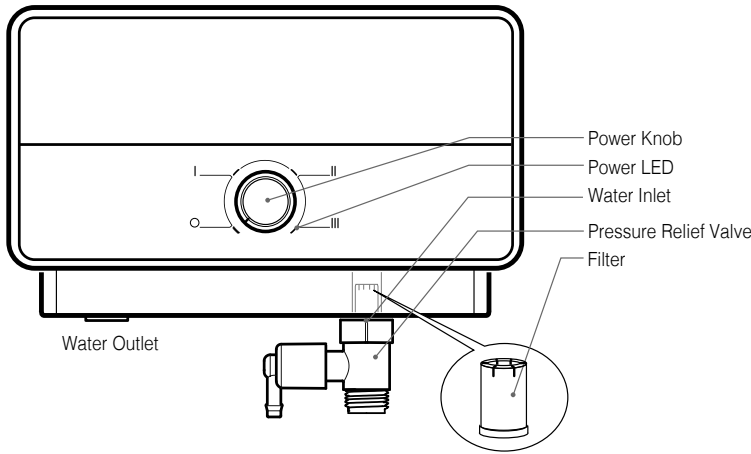
ATTENTION

The water inlet of this appliance must be connected directly to a cold water mains supply.

Table 1: Recommended cable

Power	kW Loaded			Heating setting	Recommended Cable	Recommended Fuse Rating
	220V	230V	240V			
AURES M 9.5 240V EU	--	--	9.5	4.7+4.8 kW	H05VV-F 3x6mm ² *	40A
• Operating water pressure 50-800 kPa (0.5-8 bar) • Water pressure operating power switch • Standard 1/2"Ø compression inlet connection • Top-Left and Optional Top-right cable entry • Bottom-right water entry						
UNIT DIMENSIONS: HEIGHT 220mm WIDTH 304mm DEPTH 110mm						

* Recommended power cable size: 6mm²/10mm² (in the UK 10mm² is a requirement where it runs longer than 10 metres).

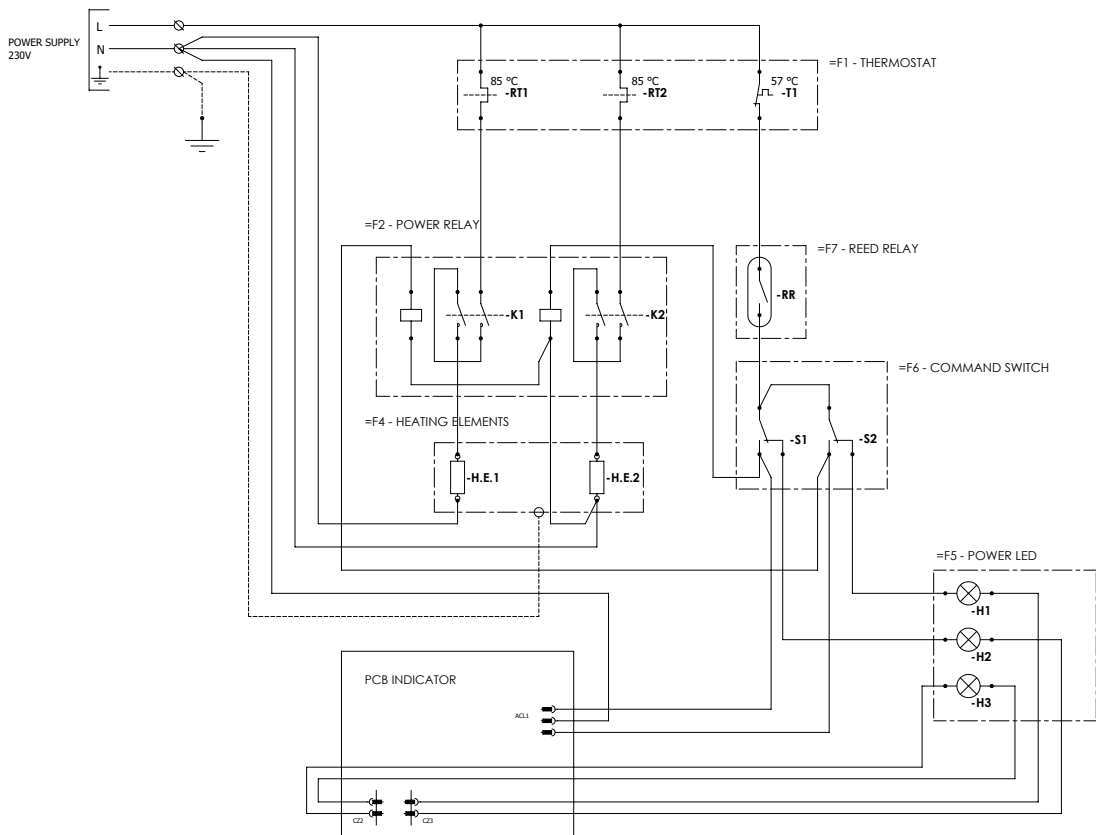


This product conforms to Directive WEEE 2012/19/EU.

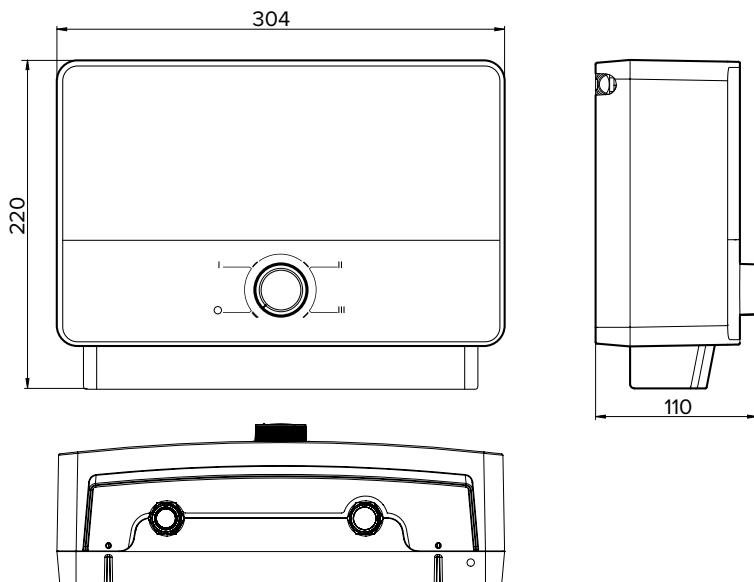
The symbol of the crossed waste paper basket on the appliance indicates that at the end of its working life the product should be disposed of separately from normal domestic household rubbish, it must be disposed of at a waste disposal center with dedicated facilities for electric and electronic appliances or returned to the retailer when a new replacement product is purchased. The user is responsible for the disposal of the product at the end of its life at an appropriate waste disposal center. The waste disposal center (which using special treatment and recycling processes effectively dismantles and disposes of the appliance) helps to protect the environment by recycling the material from which the product is made. For further information about waste disposal systems visit your local waste disposal center or the retailer from which the product was purchased.

Troubleshooting

SYMPTOM	POSSIBLE CAUSE	SOLUTION
Water not hot enough	Too much water flowing through the heater Reduction In the ambient temperature Water Pressure below of 100 kPa Electrical Malfunction	Reduce the flow rate of the water via the outlet tap. Switch to higher temperature setting. Check if the mains stop valve is fully open and that there are no other restriction in the supply line. Have the Heater unit checked by a qualified electrician or contact your local authorised distributor.
Water too hot	Not enough Water flowing through the heater Increase in the ambient temperature	Increase the flow rate via the outlet tap Switch to lower temperature setting
Heater switch Off during use	Interruption of mains electrical supply ELSD trip, possible earth leakage	Check incoming power supply, MCB, switches and supply cabling. Check earth leakage and reset ELSD If problem persists, call your local authorised distributor for assistance.
Water ceases to flow	Blockage of spray head, twisted or blocked flexible shower hose. No water supply.	Clean or replace spray head, check for free passage of water through hose. Replace as necessary. Check water supply, stop valve Open? and no blockage.
Water temperature varies from hot to cold during use	Water pressure has dropped below min. level.	Increase hot water supply,
No hot water despite fully open hot water outlet	No electrical power The activation flow rate needed to turn on the heating element has not been reached.	Check the circuit breaker and check voltage at the wiring block. Clean filter screen • Turn circuit breaker off • Open hot valve to release pressure from the unit. • Turn circuit breaker on.



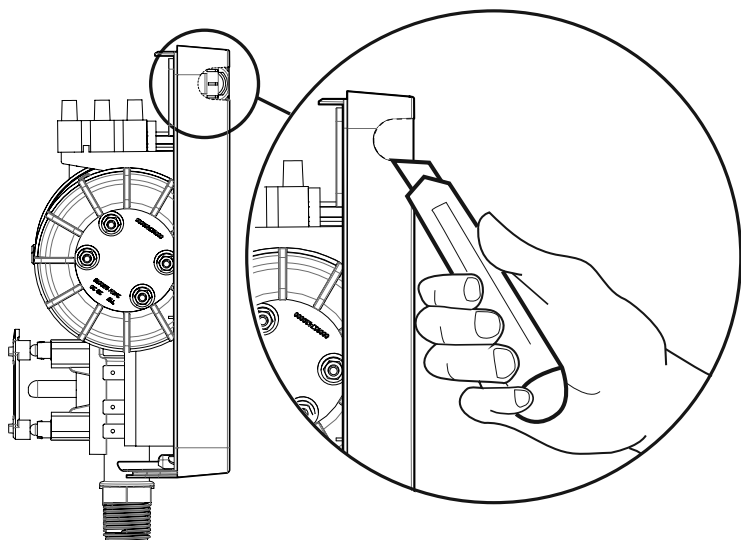
Product sizes



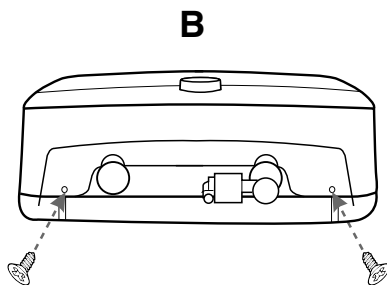
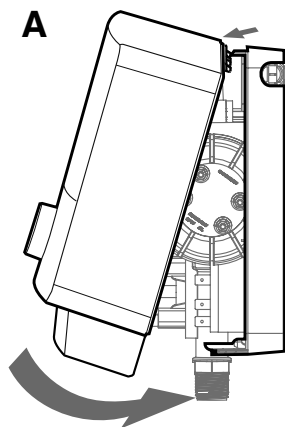
Optional cable entry

Top-left cable inlet is for cable until 10 mm²

Optional top-right cable entry is only for power cable size: 6 mm²



Close cover Steps



Manufactured by:

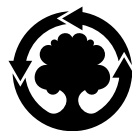
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