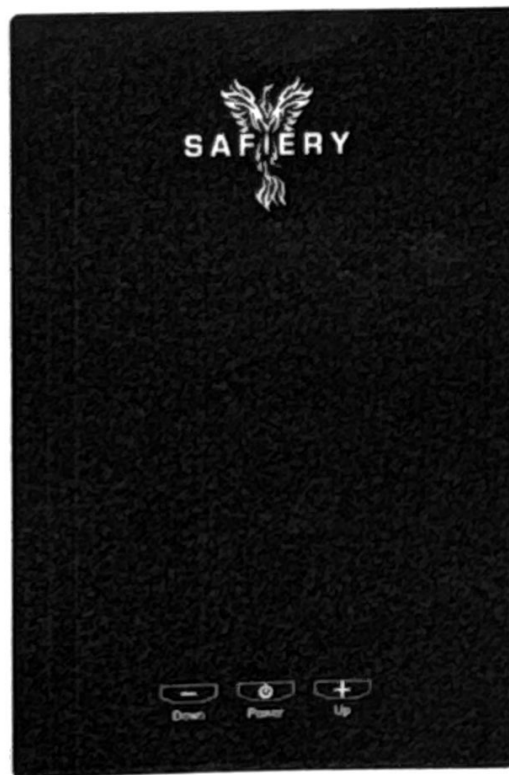


Instant Water Heater Instruction Manual



**For proper operation and maintenance,
please read carefully and preserve the instruction manual.**

WARNING & CAUTION

1. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
2. Children should be supervised to ensure that they do not play with the appliance.
3. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
4. The maximum inlet water pressure for this appliance connected to the water mains is 0.6MPa. The minimum water pressure for this appliance connected to the water mains is 0.02MPa.
5. A pressure relief device is required for this closed water heaters, it must be fitted during installation.
6. The water inlet of this appliance shall not be connected to inlet water obtained from any other water heating system.

WARNING: This appliance is not to be used for a potable water supply.

7. This appliance must be installed and serviced by a licensed electrician and plumber, or a professional service technician in accordance with the national electrical codes, local electrical and plumbing codes and regulations.

WARNING: Improper installation and operation, or installation and service by an unqualified person may cause property damage, serious body injury or even death.

8. 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.

9. Children shall not play with the appliance.

10.Cleaning and user maintenance shall not be made by children without supervision.

11.Fit only shower heads recommended by the manufacturer and never fit any additional device to restrict the water outlet flow.

>> SAFETY INSTRUCTIONS <<

1.This appliance **MUST** be earthed.

2.This appliance must be permanently connected to fixed wiring.

3.The spray head must be descaled regularly.

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

5.This appliance is not to be installed in a location where freezing can occur.

6.Do not install this appliance near to tinder or strong magnetic field place.

7.The new hose sets supplied with the appliance are to be used and that old hose sets should not be reused.

8.Do not switch on if there is a possibility that the water inside the heater is frozen, as this could result in serious damage to the appliance. Wait until you are sure that is completely thawed out before you switch it on.

9.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.

10.This appliance is for its intended use only.

11.Please install the appliance close to floor drain if possible.

12.Disconnect the appliance from electrical supply before cleaning, servicing, or removing the cover.

>> TECHNICAL SPECIFICATION <<

Model No.	EHW240206000
Rated voltage	220 - 240V~ 50/60Hz
Rated power	6000W
Rated water pressure	0.6MPa (6 bar)
Operation mode	Electronic touch panel
Hot water temperature range	35 - 55℃
Hot water capacity	Endless
Protection against electric shock	Class 1
Degree of ingress protection	IPX4
Starting flow rate	1.2L/min
Hot water flow rate	5 - 7 L/min. (1.3 - 1.9 GPM)
Product size	230mmx350mmx60mm (L x H x T)
Gross weight	5.3kg

>> INSTALLATION INSTRUCTIONS <<

General guidance

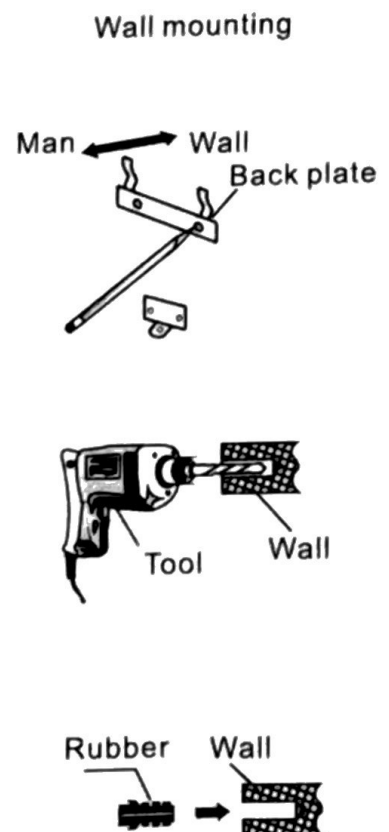
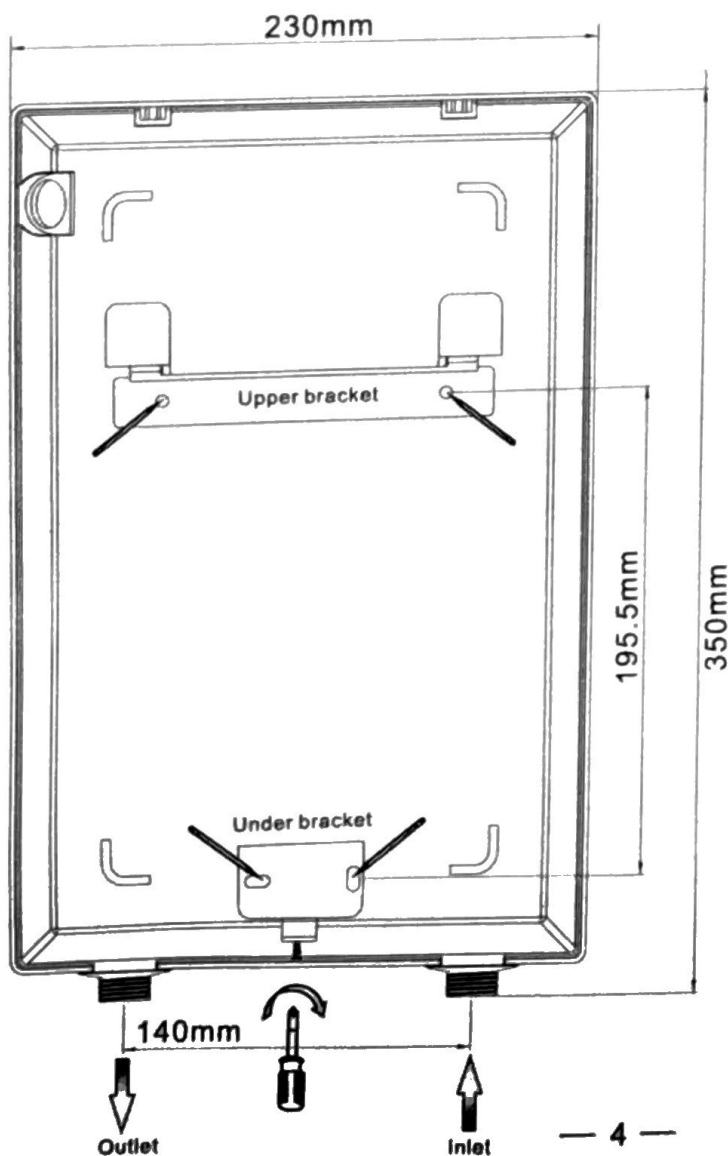
1. Electrical water heater should be installed by a qualified personal and in accordance with the national electrical codes, local electrical and plumbing codes and regulations.
2. Check the wire, electric meter, fuse, circuit breaker before installation, making sure they are applicable to your water heater (please refer to Technical specification as above).
3. Install the water heater vertically, do not install upside down or horizontally.
4. Ensure the water heater is properly earthed.

Before installation

1. Choose a smooth surface for installation.
2. Please install water heater close to floor drain if possible.
3. Keep away from violent vibration.
4. Outdoor installation is not recommended.

Wall-mounting instructions

1. Affix the mounting template (inside this Manual) on the wall.
2. Mark holes with a pencil.
3. Drill screw holes.
4. Install the plastic insert into holes for appropriate fastening.
5. Mount the brackets onto the wall by using supplied screws.
6. Place water heater on mounting brackets and fix with screws.



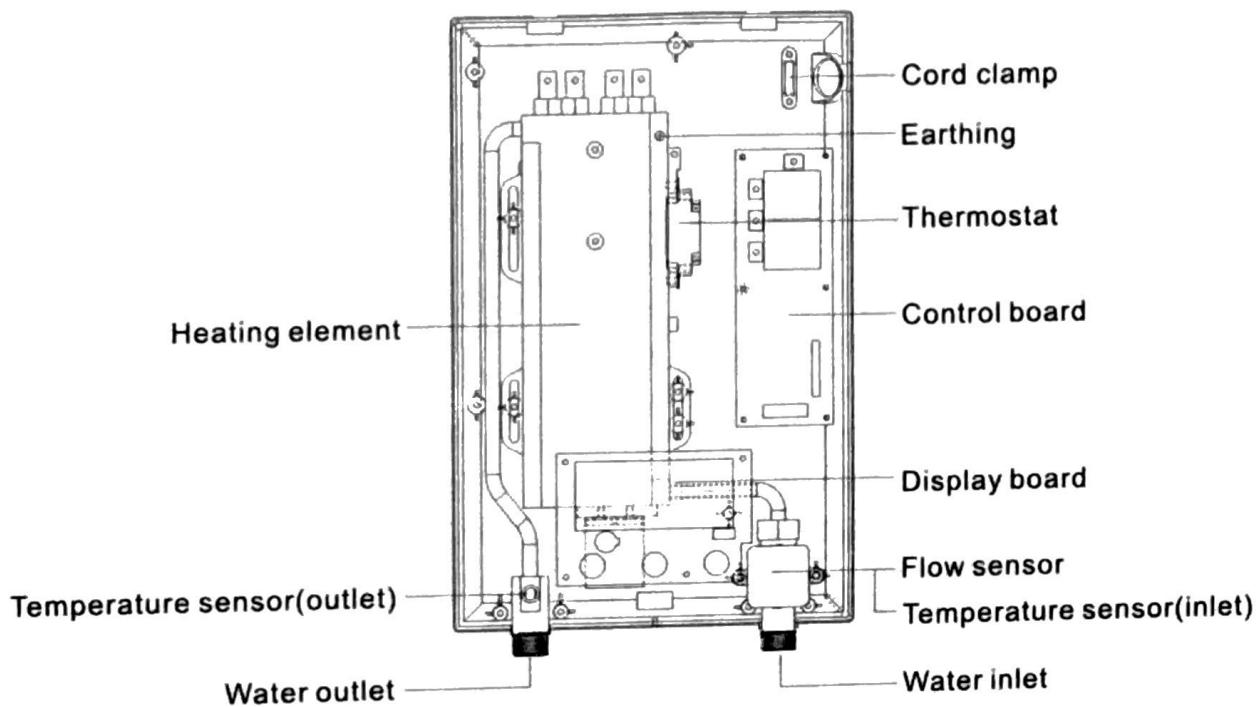
Plumbing installation

- 1.The water inlet and water outlet must be connected correctly, otherwise the water heater cannot function.
- 2.Do not use plumbing cement on connection. If necessary, use only thread or sealing tape.
- 3.Water inlet valve should be installed at water inflow pipe.
- 4.Choose and install a suitable water valve first, then connect water heater with the inlet valve.
- 5.Do not forget to assemble filters, so as to prevent water pipe blockage.
- 6.Connect water hose with water heater at the outflow pipe, then connect the shower with water hose.
- 7.Shower holder is installed on the wall at an appropriate height, then place the shower into the holder.
- 8.Verify all fittings are tight and secure.
- 9.Open hot water source and allow water to run through the water heater for at least 1 or 2 minutes, this will purge the air from the water step to prevent damage to heating element.
- 10.Verify all connections are free of leaks.

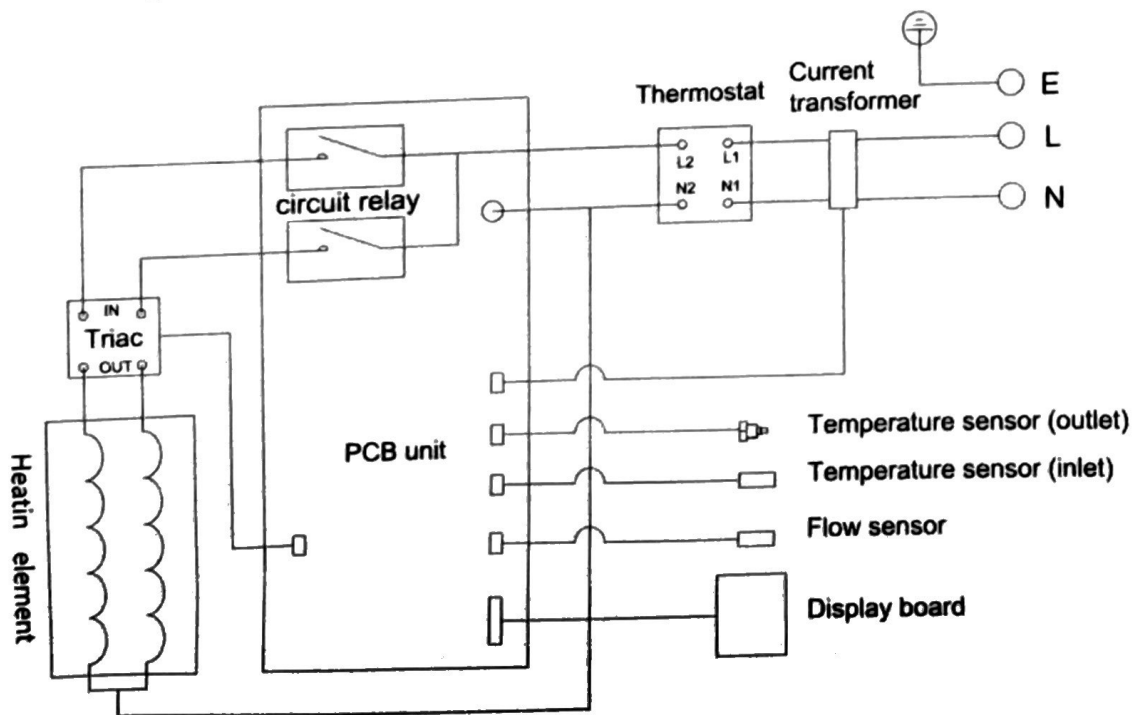
Electrical connection

- 1.Circuit break must remain OFF until installation is completed.
- 2.This appliance must be EARTHED.
- 3.Before electrical connection, special attention should be paid to:
 - a.polarity of electric connection
 - b.current of connection wires
 - c.rated current of fuse or circuit breaker
 - d.maximum current (capacity) of electric meter
- 4.Please follow the instruction as indicated as below.
- 5.Make sure wire ends and terminal blocks / circuit breakers are completely touched.
- 6.Make sure all screws are tight and secure.

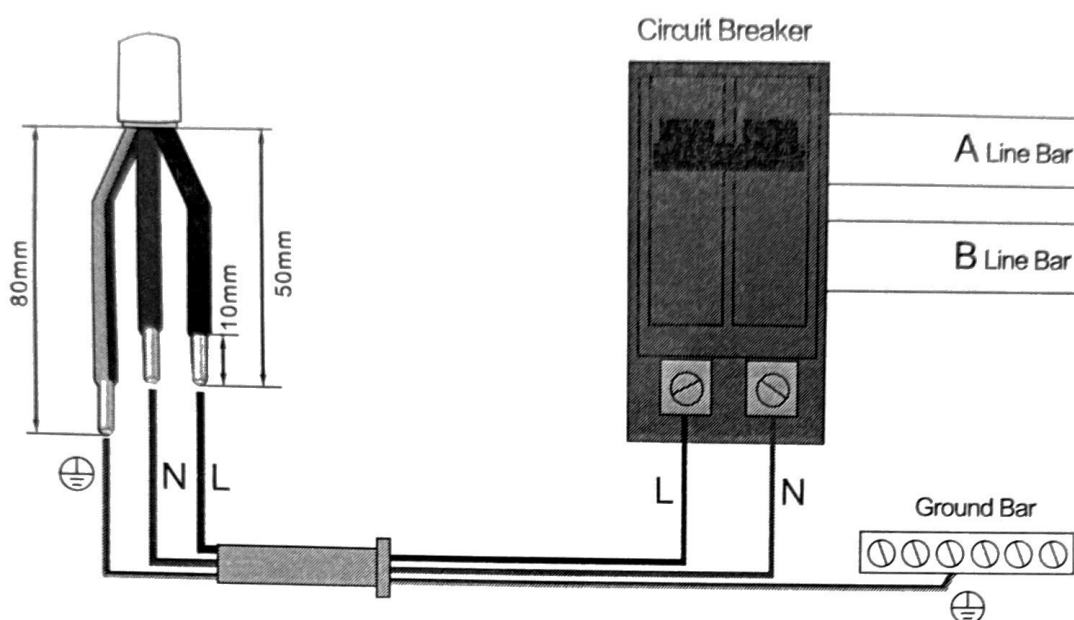
Internal construction



Circuit diagram



Wiring diagram



Electrical loading table

Model No.	EHW240206000
Rated voltage	220 - 240V~ 50/60Hz
Rated frequency	0.6MPa (6 bar)
Rated power	6000W
Rated current	25-27A
Conduct wire	4mm ²
Circuit breaker	40A
Power meter	10(40)A

>> OPERATION INSTRUCTIONS <<

When using this water heater at the first time, please let water run through it for at least 1 or 2 minutes before power on.

1. After water connection and electric connection are finished, turn on water inlet valve and power on, water heater enters into STANDBY mode and is ready for use.

2. When you open hot water valve, the flow sensor activates at a minimum water flow (1.2 ~ 1.5 liter/minute). The flow sensor sends the information to the controller to begin modulating the heating element to heat the water.

3. If the water flow rate exceeds the maximum heating capacity of the water heater, the water heater may stop working and display prompts. In this case, you can reduce the flow rate or choose a lower hot water temperature, then the water heater will work normally.

4. You can choose different hot water temperature by pushing the UP / DOWN button or regulating water inlet valve, till hot water temperature is comfortable to you.

5. In case the water inlet valve is turned off, while your water heater is in use:

a. for the purpose of safety protection, water heater will stop working automatically

b. turn on water inlet valve again, the water heater will perform normally

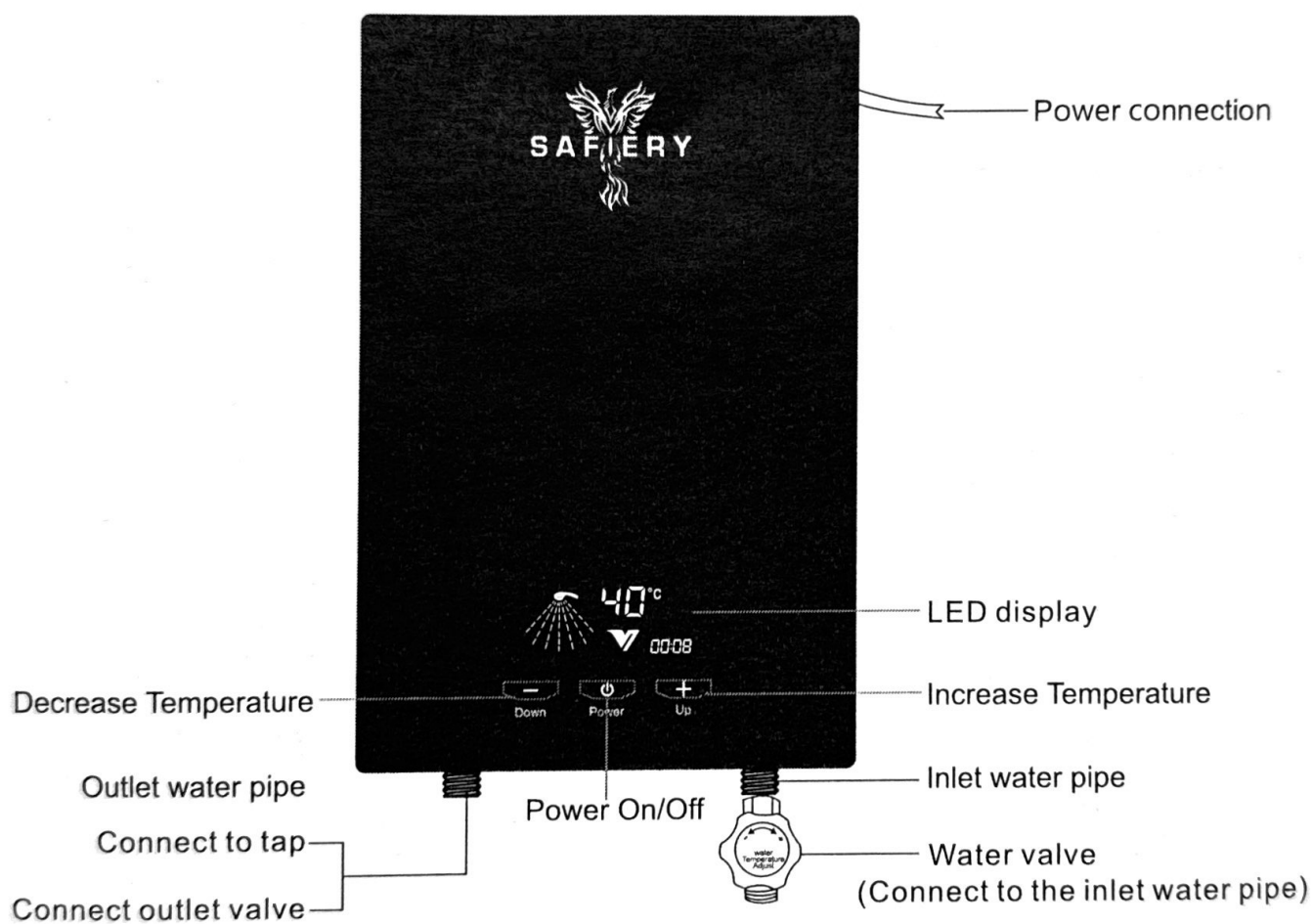
6. In case of freezing, please wait for the complete defrosting of the water heater before using. Verify this by running water through the water heater before turning on the power.

7. In case of continuous use of extra long time (more than 30 / 45 minutes), the water heater will automatically stop working for self-protection so as to extend its service life. At this moment, you can just cut off power and water, then re-start the water heater after 3 ~ 5 minutes.

8. Please power off after use.

9. Please cut off power supply if the water heater is not in use for a long period.

Operation interface



TROUBLESHOOTING

Problem	Possible	Solution
No hot water comes out	heating element does not work	turn on the rotary knob to start heating
	leakage protector operated thus water heater shut off	check the leakage protector
Outlet water is too cold	voltage is too low	check the voltage of power supply
	water flow is too big	regulate inlet valve to reduce water flow
	Heating power is not enough	choose higher power selection by turning the rotary knob
Outlet water is too hot	water flow is too small	regulate water inlet valve to increase water flow
	blockage inside water pipe and/or shower	clean the inlet filter and/or shower
	working power is too high	choose lower power selection by turning the rotary knob
Outlet water comes less and less	blockage inside water pipe and/or shower	clean the inlet filter and/or shower
Water temperature fluctuates	unstable voltage and/or water pressure	use water heater when voltage and/or water pressure is normal
No hot water comes while operations are normal	The fuse is too small or circuit breaker get damaged.	replace a suitable fuse or circuit breaker
E3 Error Code	The water flow is too restricted. This causes overheating on the unit.	Allow time to cool down, Increase water flow, or reduce power.
B1 or B2 Error Code	Temperature sensor problem	Contact support for part replacement
E5 Error Code	Electric current leakage	Contact support
E6 Error Code	Water flow is too high	Decrease the water flow



This product may not be treated as household waste. Instead, it should be taken to the appropriate waste collection point for the recycling of electronic equipment, by ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by the inappropriate waste handling of this product. For more detailed information about the recycling of this product, please contact your local council, your household waste disposal service, or the shop where you purchased the product.

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