

Electric Water Heater Instruction Manual

ES50V-TF7(EU)
ES80V-TF7(EU)
ES100V-TF7(EU)

ES50V-TF7W(EU)
ES80V-TF7W(EU)
ES100V-TF7W(EU)

ES30V-VH3(EU)
ES50V-VH3(EU)
ES80V-VH3(EU)
ES100V-VH3(EU)

ES30V-VH3W(EU)
ES50V-VH3W(EU)
ES80V-VH3W(EU)
ES100V-VH3W(EU)

ES30V-VH1(EU)
ES50V-VH1(EU)
ES80V-VH1(EU)
ES100V-VH1(EU)

ES30V-VH1(MAS)
ES50V-VH1(MAS)

ORIGINAL
MANUAL

Please read this manual carefully before use.
Please keep it properly for future reference.

This product is for home use only and should not be used for industrial or commercial purposes.

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Safety Precautions (Please Read Before Use)

Symbolic Interpretation



Forbidden

These are actions which are forbidden



Warning

These are actions which must be carried out



Caution

These are matters for which attention is required



Warning

It is necessary to allow disconnection of the appliance from the supply after installation. The disconnection may be achieved by having the plug accessible or by incorporating a switch in the fixed wiring in accordance with the wiring rules.



Warning

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.



Warning

The max. inlet water pressure is 0.75MPa, and the min. inlet water pressure is 0.05MPa.



Caution

If the water heater is not used for a long time, please cut off the power and drain the water storage in the water heater.

You can refer to the below part for how the water heater can be drained.



Ban

It is strictly forbidden to install the water heater in an environment where it can freeze. Freeze can cause the container and water pipes to break, resulting in scalding and leak.



Ban

Do not install the water heater in outdoor areas.



Warning

Please install the water heater on a solid, sturdy wall.



Warning

To incorporate 10 mA RCD in the installation circuit.



Warning

The appliance is intended to be permanently connected to the water mains and not connected by a hose-set.



Warning

A discharge pipe connected to the pressure-relief device (safety valve) is to be installed in a continuously downward direction and in a frost-free environment.



Warning

The water may drip from the discharge pipe of the pressure-relief device (safety valve) and that this pipe must be left open to the atmosphere.



Warning

The pressure-relief device ((safety valve) is to be operated regularly to remove lime deposits and to verify that it is not blocked.



Warning

You can refer to the below part for the type or characteristics of the pressure-relief device (safety valve) and how to connect it, unless it is incorporated in the appliance.



Ban

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.



Ban

Children shall not play with the appliance.

Safety Precautions (Please Read Before Use)

Symbolic Interpretation



Forbidden

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Ban

Do not repair, maintain, dismantle or modify the water heater without professional maintenance persons.



Earthed

Use independent outlets and make them reliably earthed.



If you notice any abnormality or smell burnt odor, please immediately cut off the power and contact the service center.



Caution

Be careful not to be scalded by hot water.

Do not touch the valves and pipes that supply hot water.

Please test the water temperature with your hand before use. When the water is at the right temperature, then use it.



Caution

In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, 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.



Caution

The instructions for appliances connected to the water mains by detachable hose-sets shall state that the new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.



Warning

Means for disconnection that having a contact separation in all poles that provide full disconnection under overvoltage category III conditions must be incorporated in the fixed wiring.



Ban

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



Warning

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.



Ban

It is strictly forbidden to use wet hands to plug and unplug the power supply.



Warning

Check the electric meter, whether the diameter of wire is in line with the rated current of the water heater, if necessary, invite a qualified electrician to check the wiring.



Ban

Do not use the hot water from the water heater directly as drinking water or for similar purposes.



Ban

Do not sprinkle water or spray steam on the main unit of the water heater.

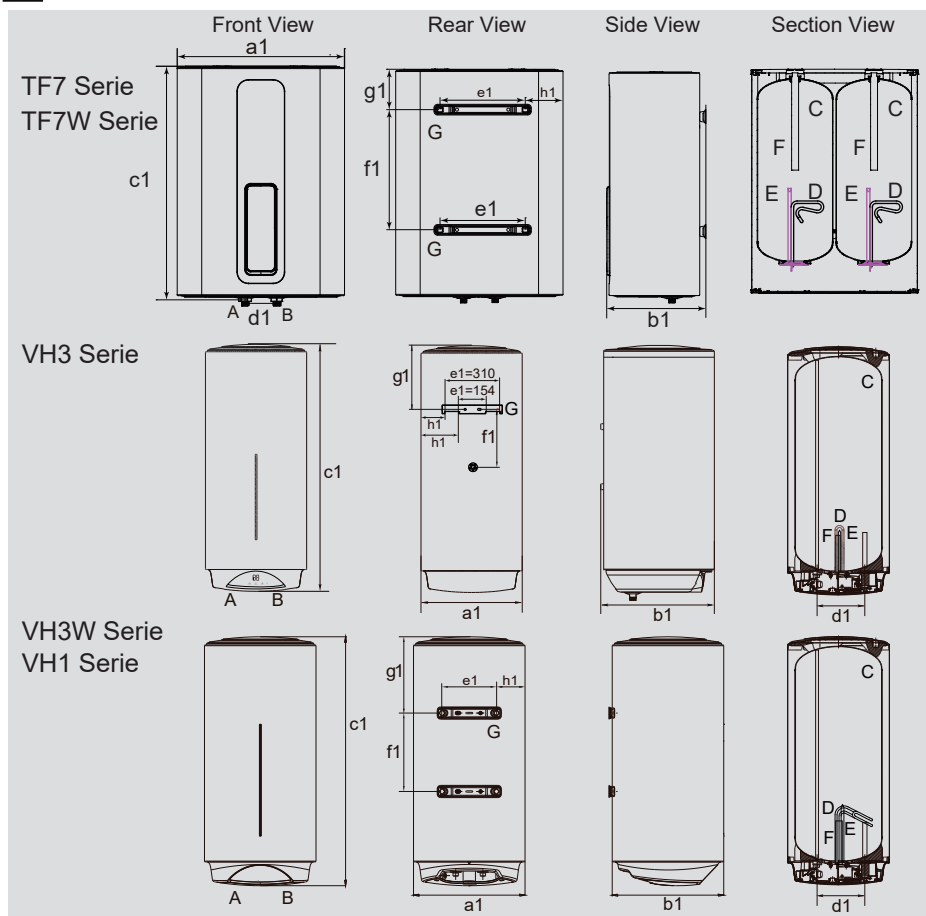


Warning

Do not sprinkle water or spray steam on the main unit of the water heater.

Specification - Packing List

External Dimensions



A Hot water outlet B Cold water inlet C Inner liner D Heating tube
E Temperature tube F Magnesium rod G Wall bracket

Model	a1(mm)	b1(mm)	c1(mm)	d1(mm)	e1(mm)	f1(mm)	g1(mm)	h1(mm)
ES50V-TF7(EU) ES50V-TF7W(EU)	530	320	745	100	360	297	194	85
ES80V-TF7(EU) ES80V-TF7W(EU)	530	320	1070	100	360	622	194	85
ES100V-TF7(EU) ES100V-TF7W(EU)	530	320	1285	100	360	830	194	85
ES30V-VH3(EU)	410	421	530	100	154-310	140	159	70-110
ES50V-VH3(EU)	410	421	685	100	154-310	200	218	70-110
ES80V-VH3(EU)	410	421	995	100	154-310	508	218	70-110

Model	a1(mm)	b1(mm)	c1(mm)	d1(mm)	e1(mm)	f1(mm)	g1(mm)	h1(mm)
ES100V-VH3(EU)	410	421	1230	100	154-310	730	218	70-110
ES30V-VH3W(EU)	410	421	530	100	200	120	159	105
ES50V-VH3W(EU)	410	421	685	100	200	200	218	105
ES80V-VH3W(EU)	410	421	995	100	200	508	218	105
ES100V-VH3W(EU)	410	421	1230	100	200	730	218	105
ES30V-VH1(EU) ES30V-VH1(MAS)	410	421	530	100	200	120	159	105
ES50V-VH1(EU) ES50V-VH1(MAS)	410	421	685	100	200	200	218	105
ES80V-VH1(EU)	410	421	995	100	200	508	218	105
ES100V-VH1(EU)	410	421	1230	100	200	730	218	105

Note: The allowable error range of the above parameters (dimensions) is $\pm 10\%$.

Technology Datas

All models	Rated Voltage	Rated Frequency	Rated Pressure	Rated Temperature	Waterproof Level
	220-240V~	50Hz	0.80MPa	75°C	IPX4
VH1(MAS)	240V~	50Hz	0.80MPa	75°C	IPX4

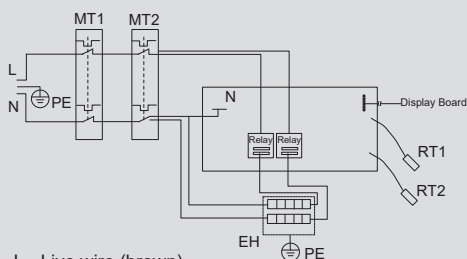
Model	Rated Power	Net Weight	Rated Capacity
ES50V-TF7(EU)	3000W	25kg	46L
ES80V-TF7(EU)	3000W	34kg	74L
ES100V-TF7(EU)	3000W	41kg	94L
ES30V-VH3(EU)	1500W	13kg	28L
ES50V-VH3(EU)	1500W	18kg	47L
ES80V-VH3(EU)	1500W	26kg	75L
ES100V-VH3(EU)	1500W	30kg	95L
ES30V-VH1(EU)	1500W	13kg	28L
ES30V-VH1(MAS)	1650W	13kg	28L
ES50V-VH1(EU)	1500W	18kg	47L
ES30V-VH1(MAS)	1650W	18kg	47L

Model	Rated Power	Net Weight	Rated Capacity
ES50V-TF7W(EU)	3000W	25kg	46L
ES80V-TF7W(EU)	3000W	34kg	74L
ES100V-TF7W(EU)	3000W	41kg	94L
ES30V-VH3W(EU)	1500W	13kg	28L
ES50V-VH3W(EU)	1500W	18kg	47L
ES80V-VH3W(EU)	1500W	26kg	75L
ES100V-VH3W(EU)	1500W	30kg	95L
ES80V-VH1(EU)	1500W	26kg	75L
ES100V-VH1(EU)	1500W	30kg	95L

Note: The allowable error range of the above parameters (weights) is $\pm 10\%$.

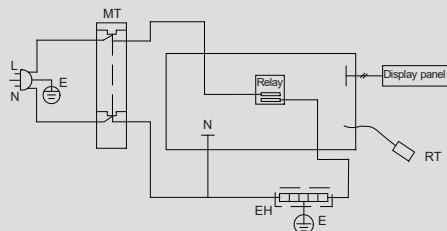
Electrical Schematic

TF7/TF7W Series

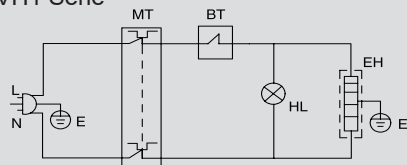


L - Live wire (brown)
N - Neutral wire (blue)
MT/MT1/MT2 - Manual reset thermostat
PE/E - Ground wire (yellow and green)
RT/RT1/RT2 - Sensor
EH - Heating tube
BT - Adjustable thermostat
HL - Heating indicator light

VH3/VH3W Series



VH1 Serie



Packing List

Model	Quantity	Name	Electric Water Heater(unit)	Safety Valve (unit)	Instruction Manual(unit)	Expansion hook(unit)
TF7/TF7W/VH3/VH3W/VH1 Series			1	1	1	2

Installations

Installations Cautions

- When installing the water heater, it should leave a certain amount of space (at least 300mm) to facilitate future maintenance. If the water heater is embedded in the gusset plate during installation, the gusset plate near the maintenance cover side should be movable to facilitate disassembling the maintenance cover during maintenance.
- It should ensure that the inlet pressure of tap water is not less than 0.05MPa and the maximum pressure does not exceed 0.75MPa.
- Electric water heater should be installed indoors, where the ambient temperature is above 0°C. The pipeline should be centrally arranged. The hot water outlet should not be too far from the use place of hot water. If it exceeds eight meters, the hot water pipeline should be insulated to reduce the heat loss.
- The wall where the water heater is hung should be sturdy and secure to withstand four times the weight of the water heater after filling with water. If it is a non-bearing wall or hollow brick wall, it is necessary to take appropriate protective measures, add brackets, use crossing screws, and install back boards.
- The installation location of the electric water heater should be selected a place that is convenient to use, maintain and have a floor drain. If the water tank or water pipe leaks, it will not cause damage to nearby or lower level facilities. The installation position try to avoid installing on the toilet, bathtub, washbasin and door frame. So that it does not create a feeling of overwhelming or insecurity for the user.
- Do not reverse the inlet and outlet pipes. The safety valve should be installed in the designated position and should not be altered privately. The pressure relief hole of safety valve should be kept in contact with atmosphere. Do not block it.
- For security, water heaters should use independent sockets (multifunctional sockets are prohibited) and be reliably earthed. And the quality of the socket should be in line with local national standards. It is strictly forbidden to use the water heater without reliable earthed.
- The power outlet of the water heater should be placed in a dry place where water cannot shower, so as not to affect the normal work of the machine (preferably with a waterproof box).
- Use an electroprobe to measure whether the live wire and neutral wire are connected in reverse. After confirming that the machine has been filled with water, the joints do not leak and the power supply meets the requirements, then it can be heated by electricity.
- For avoiding the danger of accidental reset of the over-temperature thermostat, the water heater must not be powered by external switching devices such as timers. It shall not be connected to a circuit that is frequently switched on and off through other settings.
- In order to prevent the occurrence of accidents, the accessories provided by our company must be installed and must not be replaced or substituted by yourself. If the accessories are damaged, it must be notified to our Maintenance Department for repair and replacement with the accessories provided by our company. If the above matters are not complied with, we will not be responsible for any direct or indirect loss caused by the accident.

Installation Methods

Figure 1 Installation Schematic - Vertical Installation (All Series)

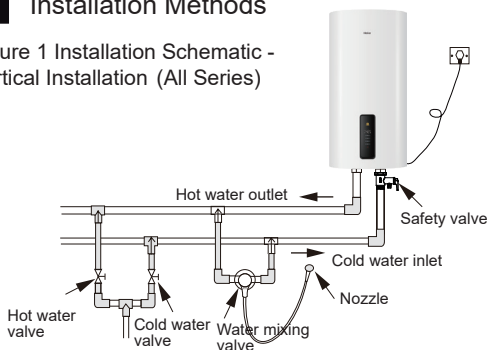


Figure 3 Installation Schematic - Horizontal Installation (for TF7/TF7W/VH1/VH3W Series)

It must be installed according to the schematic

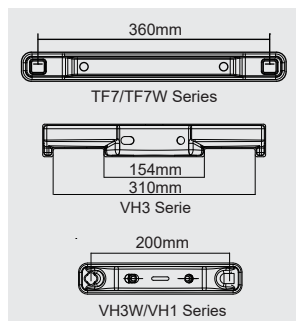
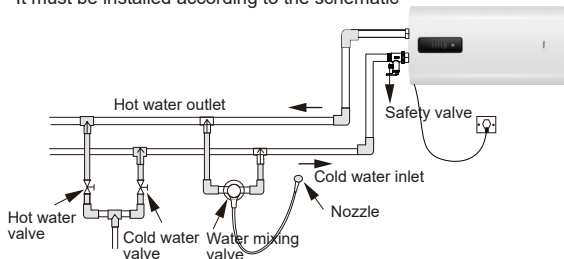


Figure 2

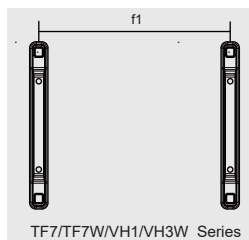


Figure 4

Model	ES50V-TF7(EU) ES50V-TF7W(EU)	ES80V-TF7(EU) ES80V-TF7W(EU)	ES100V-TF7(EU) ES100V-TF7W(EU)
f1	297mm	622mm	830mm

Model	ES30V-VH1(EU) ES30V-VH1(MAS) ES30V-VH3W(EU)	ES50V-VH1(EU) ES50V-VH1(MAS) ES50V-VH3W(EU)	ES80V-VH1(EU) ES80V-VH3W(EU)	ES100V-VH1(EU) ES100V-VH3W(EU)
f1	120mm	200mm	508mm	730mm

Figure 5

- It must be installed by the installer belonging to the After-sales Service Department of our company or by its designated installer. For the installation of the water heater by personnel not recognized by our company or the use of self-provided installation materials, which results in the consequences, including but not limited to pipeline leakage, crash, poor installation affecting the normal operation and performance of the water heater, and adverse effects or damage to the body of the water heater. The company will not be responsible for any losses incurred as a result.
- The water heater uses wall-mounted installation.

For TF7/TF7W/VH3/VH3W/VH1 Series, the vertical installation method is as follows:

1. Refer to Figure 1 of the Installation Schematic, and drill two holes in the wall using an percussion drill to match the accessory expansion hook according to the dimensions shown in Figure 2.
2. Insert the expansion hook into the wall hole and fix it, then hang the water heater onto the hook.
3. Install the safety valve and other accessories with reference to the "Installation of Safety Valve" (for installation reference only). Be careful to add thread seal tape seal to prevent water leakage.

For TF7/TF7W/VH3W/VH1 Series, the horizontal installation method is as follows:

1. Refer to Figure 4 of the Installation Schematic, and drill two holes in the wall with an percussion drill to match the accessory expansion hook according to the dimensions shown in Figure 5.
 2. Insert the expansion hook into the wall hole and fix it, then hang the water heater onto the hook.
 3. Install the safety valve and other accessories with reference to the "Installation of Safety Valve" (for installation reference only). Be careful to add thread seal tape seal to prevent water leakage.
- In order to facilitate the installation and disassembly of the water heater, it is recommended that the water heater inlet and outlet pipes are installed at the appropriate location with G1/2 loose joints respectively. Determine the location of the water supply. Connect the water inlet pipe and the tap pipe to the water place respectively. Fill the inner tank with water, check whether the water line is leaking. If there is a leak, it needs to be reconnected.

Warning: It is important to make sure that the wall bracket are securely hung on the expansion hook before releasing the hands to prevent the water heater from falling and causing personal injury or property damage.

Installation of Safety Valve

- Install the safety valve (its connection is G1/2) with a rated pressure of 0.80MPa in the direction of the arrow on the safety valve (arrow pointing to the water heater) to the inlet pipe. When the water heater is heated by electricity, the water inside the tank is heated and expands. In order to reduce the water pressure inside the tank, a small amount of water droplets will flow from the pressure relief hole of the safety valve. The pressure relief hole should be kept open to the atmosphere and should not be blocked.
- The pressure relief hole of the safety valve can be connected to the drain pipe. The installation method of the drain pipe of the safety valve is as follows: Screw the one end of the drain pipe to the pressure relief hole of the safety valve. The drain pipe connected to the safety valve should be kept inclined installed in a frost-free environment in a continuous downward way, and the water overflowing from the drain pipe should drain into the floor drain.

Note: Drain pipes are sold separately.

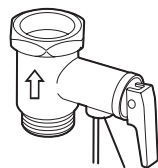


Figure 6

Pressure relief hole connects to drain pipe

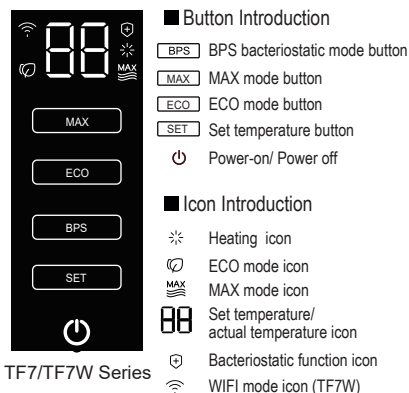
Operations

Operations


After installation, because of the inner tank without water, you must open the inlet valve of tap water and outlet of water heater for the first time. The water mixing valve must be adjusted to the maximum hot water gear, and the water outlet shall be closed after the nozzle or other water outlets continuously discharge water (it means that the water in the container is full at this time). Check and turn on the power supply when there is no water leakage at each interface.

After the water heater is powered on for the first time and the display screen is fully displayed for 1s, it enters the state before turning on the power.







Introduction of Control Panel





Power-on

- Plug in the power supply, and the display screen will be fully displayed for 1s, entering the state before power-off.
- Press the «» button to power on.

BPS Bacteriostatic Mode (TF7/TF7W/VH3/VH3W Series)

Press the "BPS" / «» button, entering the bacteriostatic mode and illuming the corresponding icon «» / «» / « BPS- ». After the default maximum heating temperature flashes for a few seconds (75°C for TF7/TF7W/VH3/VH3W series), the actual water temperature will be displayed. When the «» / «» / « BPS- » extinguishes, it indicates that the bacteriostatic function is completed, and the machine will automatically exit the BPS bacteriostatic mode and return to the normal mode. Press «» button again to switch to ECO-BPS-Instant heating in turn(VH3/VH3W Series).

ECO Mode (TF7/TF7W/VH3/VH3W Series)

Press the "ECO" / «» button in the state of power-on, entering the ECO mode and the corresponding icon «» / « ECO- » are illumed.


In this mode, the water heater will automatically memorize and analyze user's habits of using water, realize intelligent operation, to meet user's water demand and save electric energy to the most extent.

Press "ECO" button again to exit ECO mode and return to normal mode.(TF7/TF7W Series)

Press «» button again to switch to ECO-BPS-Instant heating in turn(VH3/VH3W Series).

This function can memorize when power off, but it will reopen the memory of user's habits of using water.

MAX Mode (TF7/TF7W Series)


Press the "MAX" button in the state of power-on, entering the MAX mode and illuming the corresponding icon «  ». In this state, the two tanks are heated to the setting temperature, and the setting temperature range is 35-75°C. After heating, the machine will automatically exit the MAX mode and return to the normal mode.

In this mode, the double tanks are heated simultaneously, which can meet the user's demand of using water rapidly.


Normal Mode (TF7/TF7W/VH3/VH3W Series)

When the user does not choose the above modes, the machine will enter the normal mode. In this mode, the user can adjust the setting temperature according to the demand, and the range of setting temperature is 35-75°C. The function of heat retention is carried out after heating.


Temperature Setting (TF7/TF7W Series)

In the MAX mode and ECO mode, press the "SET" button to adjust the setting temperature. Each time the "SET" button is pressed, the setting temperature will increase by 5°C. The adjustment range of setting temperature is 35°C-75°C. When pressing the "SET" button to set the temperature, the current setting temperature flashes first, and then press the "SET" button to change the temperature. No operation within 6s or pressing other buttons except the «  » and "SET" button indicate that the setting temperature is confirmed, and then the actual temperature is displayed.

Temperature Setting (VH3/ VH3W Series)

In the normal mode, press "+" / "-" button to adjust the setting temperature, press "+" / "-" button for one time, «  » flashes the current setting temperature for 6 times, if press "+" / "-" button for one time every time, then the setting temperature is to increase/decrease by 5°C.

Quantity of remaining hot water (VH3/VH3W Series)

Under the status of switching on, the quantity of current remaining hot water can be monitored through the icon «  ».

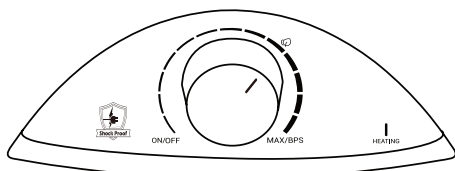
Power-off

After bathing, press the «  » button to power it off.

Tip: When the water heater works in the double tanks mode, affected by the power difference between the heating tubes of the two tanks and other factors, it is normal that the right tank is still heating when the display screen displays 75 °C (TF7/TF7W Series).

Instruction manual (VH1 Serie)

1. Adjust the water temperature knob at the bottom of the water heater to set the temperature.
2. Observe thermometer the current water temperature.



Water temperature knob



Water temperature indicaton

Wi-Fi mode setting

IN APP PAIRING PROCEDURE

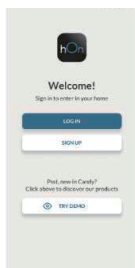
Step 1

- Download the hOn app on the stores

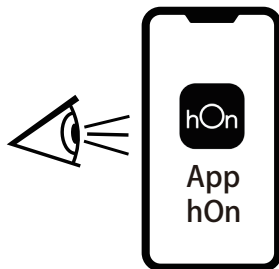


Step 2

Create your account on the hOn App or log in if you already have an account



Step 3 Follow pairing instructions in the hOn App



Precautions for Use

1. Do not turn on the power supply before the water heater is filled with water, protecting the machine from damage.
2. Adjust the water temperature to the appropriate temperature before use, preventing scalding.
3. When there is enough hot water, turn down the set temperature as much as possible, which can reduce heat loss, high-temperature corrosion and scaling, and prolong the service life of the water heater.
4. Please do not put gasoline and other inflammables near the water heater, or which may cause fire and other accidents.

Cleaning and Maintenance

Warning: This water heater should only be repaired and maintained by qualified service personnel. Improper methods may cause serious injury accidents or property losses.

Be sure to unplug the power plug before cleaning and maintaining the water heater.

Wipe gently with a damp cloth dipped in a small amount of neutral detergent. Do not use gasoline or other solutions. Finally, dry it with a dry cloth to keep the water heater dry. Be careful not to scrub with cleaners containing abrasives (including toothpaste), acids, chemical solvents (including alcohol) or polishes.

To keep the water heater working efficiently, the heating pipe and inner tank should be cleaned every three years. When cleaning, do not damage the protective layer on the outside of the heating pipe and the surface of the inner tank.

The anode needs to be inspected once a year from the second year.

When cleaning, close the water inlet valve, open the water outlet valve, remove the safety valve at the cold water inlet, drain the water in the water tank, and then open the water inlet valve to wash repeatedly for several minutes until the clean water discharged from water tank.

Check the safety valve once a month: Pull the small handle of the safety valve. If there is water flowing out, it indicates that the safety valve has worked normally. If there is no water flowing out, please contact Haier After-sales Service Department for repair or replacement.

The safety inspection, removing the scale in heating pipe in time and replacing the magnesium rod shall be carried out by professionals regularly.

Attention:

- If you do not use the water heater for a long time, please close the tap water valve and open the hot water valve of the water heater to the maximum hot water gear. At the time, please be careful not to be scalded by hot water. And then remove the safety valve, let the water flow out of the inner tank.
- When re-using, to avoid injury accidents, it is recommended to open the hot water valve before opening the power switch of the water heater, discharging the gas that may exist in the pipe line from the pipe line. At the time, smoking or other open flames are not allowed near the opened valve. Meanwhile, carefully check whether all parts of the water heater are in good condition, and confirm that the inner tank is filled with water. Then, the water heater can be put into use.

Transportation and Storage

Products must be transported and stored in accordance with the handling marks indicated on the original packaging.

Be careful when handling and transporting.

When transportation and storage, it is must ensure that the product is protected from atmospheric precipitation and mechanical damage.

Product Disposal

If the electric water heater cannot be used and you want to discard it, you must dispose it correctly in order not to damage the environment. For more information, please contact the local service department. If the water heater is used for scrapping, cut the power line as close to the shell as possible so that the water heater can no longer be used.

fThe electric water heater is designed and manufactured in such a way that you can easily handle it.

This symbol indicates that this product must not be disposed together with household refuses. Deliver product to an collection or recycling center for electrical or for electronic or electrical equipment.

By ensuring proper disposal of this product, you will help preventing potential negative impacts to environmental and human health. Otherwise these effects may be caused by improper waste disposal.



Fault Clearance

Phenomenons	Items to be Confirmed	Solutions
No water flow out	Whether the water supply system is cut off or the water pressure is too low	Check
	Whether the water place is blocked and whether the hot water valve is opened	Check and clean
Flowing cold water	1. Whether the hot water outlet is not open	Check and open
	2. Whether the water temperature is adjusted properly	Calibrate referring to the use method in the manual
	3. The heating time is too short and has not been heated to the setting temperature	Calibrate according to the use method in the manual
	4. Whether the components are damaged	If you have confirmed that the 123 items are not the reason, contact the Maintenance Department
The water cannot be heated to the required temperature or the output amount of heat water is less	1. Is the current function mode set correctly or the temperature set too low	Calibrate according to the use method in the manual
	2. Is the tap water pressure too high	Turn down the flow of the outlet valve for use
The water is alternately great and less, or alternately cold and hot	Is the tap water pressure stable	Turn down the flow of the outlet valve for use or use it after the water pressure is stable
It fails to power on or the display does not work	1. Whether the power supply is in good contact	Check the power socket
	2. Whether the components are damaged	If you have confirmed that the 1 item is not the reason, contact the Maintenance Department
Display E1	Line fault	Contact the Maintenance Department
Display E2/H0	1. Is the inner tank filled with water	After turning off the power, fill up water and turn on the power again
	2. Whether the components are damaged	If you have confirmed that the 1 item is not the reason, contact the maintenance department
Display E3/E6/E8	1. Whether the indoor temperature is lower than minus 20°C	Cut off the power supply. When the ambient temperature is higher than minus 19°C, it will return to normal after turn on the power again
	2. Whether the sensors are damaged	If you have confirmed that the 1 item is not the reason, contact the Maintenance Department

Product fiche

Trade mark	Haier		
Model	ES50V-TF7(EU) ES50V-TF7W(EU)	ES80V-TF7(EU) ES80V-TF7W(EU)	ES100V-TF7(EU) ES100V-TF7W(EU)
Load profile	M	M	M
Energy efficiency class	B	B	B
Energy efficiency(%)	41	41.8	41
Annual electricity consumption(kWh)	1251	1229	1093
Thermostat temperature setting(°C)	75		
Sound power level indoors(dB)	15		
Specific precautions	Refer to the manual		
Daily electricity consumption(kWh)	7.163	7.801	8.134
V40(L)	95.4	143.1	171.7

Trade mark	Haier			
Model	ES30V-VH1(EU) ES30V-VH1(MAS)	ES50V-VH1(EU) ES50V-VH1(MAS)	ES80V-VH1(EU)	ES100V-VH1(EU)
Load profile	S	M	M	L
Energy efficiency class	B	C	C	C
Energy efficiency(%)	35	36	36.7	37
Annual electricity consumption(kWh)	526	1427	1421	2756
Thermostat temperature setting(°C)	75			
Sound power level indoors(dB)	15			
Specific precautions	Refer to the manual			
Daily electricity consumption(kWh)	2.484	6.696	6.531	12.819
V40(L)	28	68	92.8	130.8

Trade mark	Haier			
Model	ES30V-VH3(EU) ES30V-VH3W(EU)	ES50V-VH3(EU) ES50V-VH3W(EU)	ES80V-VH3(EU) ES80V-VH3W(EU)	ES100V-VH3(EU) ES100V-VH3W(EU)
Installation	Vertical			
SMART	1			
Q _{elec} (kWh)	2.873	6.883	7.343	7.364
Q _{elec,week smart} (kWh)	10.691	26.536	24.253	24.741
Q _{elec,week} (kWh)	16.303	30.568	32.421	33.385
Load profile	S	M	M	M
L _{wa}	15dB			
η _{wa}	40%	39.3%	40%	40%
V40 (L)	/	95.5	155.1	193.1
Volume available (L)	28	47	75	95

The power consumption data in the table is 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.

This appliance is conforming with the international electrical safety standards IEC 60335-1 and IEC 60335-2-21. 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 60335-2-21, EN 60529, EN 62233, EN 50106.
- EMC Electro-Magnetic Compatibility: EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3.
- RoHS2 Risk of Hazardous Substances: EN 50581.
- ErP Energy related Products: EN 50440.