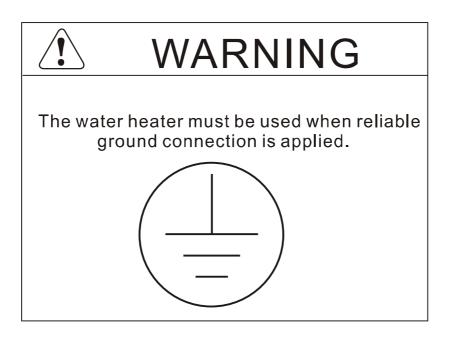


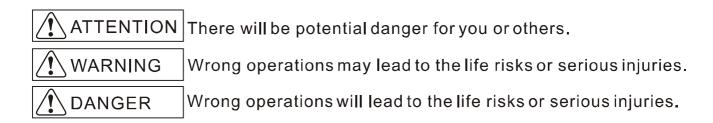
Air source heat pump water heater

Operation & Installation Manual



The manual provides many important security tips for you to use the air source water heater. Please read the manual carefully before use the unit.

All safety tips is together with safety warnings. The followings are the meanings of each warning:



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1. Preface

Dear customer:

Thank you so much for choosing our products!

Our water heaterhas features of excellent quality and good performance. Please read this manual carefully and strictly followits operation to install, run and maintenance the unit. Any problems you meet during using the water heater, please connectus refer to the phone number or the address on guarantee card, we will serve for you without he sitation.

Our manual isaccordance with the unit for the first publishment. We reserves rights to change specification and design of units which will lead to manual content different from our unit. please understand.

Warm Tips!

Our heat pumpwater heater can provide with sanitaryhot water, and there is some advice for youto save power consumption when you are using our heat pump water heater. we suggest that the target temperature should be 48° (in summer and autumn) or 55° (in spring and winter).

2. Safty Attention

Safty Attention:

Toprevent users' personal property damage and operate the unit in the correct and safety way, please carefully read the main contents in the manual. Based on completely understanding the following contents (the signs and diagrams) then read the body text, comply with the following notice.

Marking	The significance of the marking		
Warning	The false operationmay resulting incasualties.		
Attention	The false operationof resulting interrible injuries orproperty damage.		
Icon	The significance of the Icon		
It means forbidding, the detail content are within theicon or exgraph or words closed to theicon.			
	graph or moracous as anothern		
0	It means Enforcement. The detail content are within the icon or expressed by graph orwords closed to the icon.		

- 1. The damage means noneed of inhospital, long-term treatment, make a general reference to injure, burn and electric shock.
- 2. Material damage means property and material loss.

Warning					
	Professional installer is required	The heat pumpmust be installed by qualified personnel to avoid improper installation which can lead to water leakage, electric shock or fire.			
Installation Warning	Earth wire is required	Please make surethat the unitand power connectionhave good earthing, otherwisemay cause electricshock.			
	Concentration limits	When installing theunit in asmall room, pleasetake measures to preventthe asphyxia causedby the leakage of refrigerant.			
Operation	DO NOT	Under no circumstancesshould you putyour fingers or toolsin to air-ducts of the unit.			
Warning	Shut off the power	When there issomething wrong orstrange smell, the power supply should be shut off to stop the unit. Continuing to runmay cause electrical short of fire.			

2. Safety Attentions

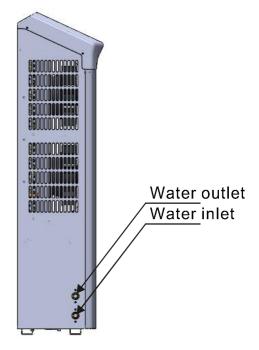
Installation Attentions	Confirm the installation location	It could notbe installed nearthe flammable gaswhich may cause leakage. Oncethe flammable gasleaking around the unit, it may cause fire.
	Confirm the fixed measure	Confirm the foundation is solid.

Dislocation	Q Entrust	When the unitneeds to bemoved or re-installed, please engage a qualified personto carry outthe work. Improperinstallation will lead towater leakage, electricshock, injury orfire.
and Repair	Prohibit	The user mustnot repair theunit, otherwise thewarranty will be invalidated.
·	Entrust	When the unit needs to be repaired, please entrust qualified person of the dealer to doit. Improper movementor repair of the unit will lead to water leakage, electrical shock, injury or fire.

	Q Warning	This equipment is applied to the professional and experienced operators to use, kids and unhealthy persons be cautious on this. Please read the manual carefully before operating.
Operation	Check the installlation site	If the unitis not tobe used forany long period and the ambient temperature is below 0 degree, pleasedrain the water in the tank to prevent freezing and consequent damage.
Attention	Shut off the power	When being cleaned, shut off the power to the unit, otherwise injury could occur.
	Prohibit	Please use a suitable fuse, otherwise it maybe cause failure and fire.
	Prohibit	Do not sprayflammable towards or around the unit, otherwise it could cause a fire.

1.Appearance





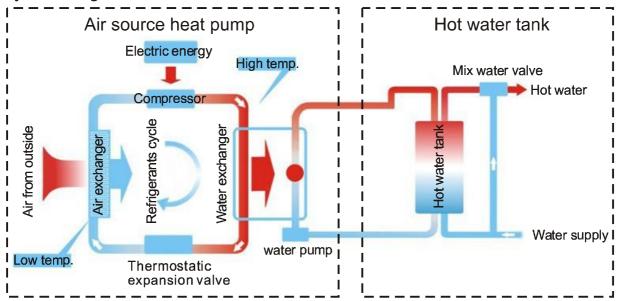


2. Features

- Monolithic Structure
 Easy installation, less floor space occupation, more sanitary hot water
- Better Safety Performance
 It is more safety than electric/gas water heater, without worrying about electricity/gas leakage.
- Energy-saving and Eco-friendly The power consumption of heat pump water heater is only one quarter of that of the electric water heater, and our unit has no pollution to the environment.
- Much more sanitary hot water
 Our unit can provide much sanitary hot water whenever you want, and keep the water temperature constant. What is more, the family can use hot water from different pipe outlet at the same time. It is especially suitable for villas or houses with bathtub.

3. Working Principle

System diagram:

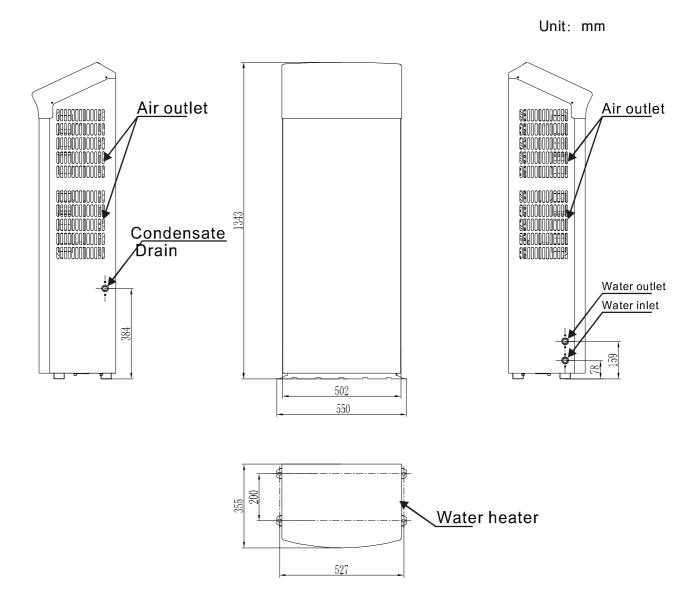


System Principle:

- Refrigerant is compressed into vapor with high temperature and high pressure when it goes through the compressor;
- The high temperature and high pressure vapor (the non-fluorine refrigerant) transfer its heat to water when it goes through heat exchanger, then the heated water will be pumped into storage tank, and the non-fluorine refrigerant turns into liquid status.
- The liquid refrigerant drops to low temperature and low pressure liquid when it passes by throttling device. When it goes through heat exchanger, the liquid refrigerant absorbs much heat from the environment and turns into gas status by the function of fan motor. So the air temperature around the heat exchanger will drop down rapidly. Then the heated refrigerant in the gas status flows into compressor again.
- The above procedure will start once again. So with the help of refrigerant, the system transfers the heat from the surrounding air into water, then the water can be heated.

4.Dimensions

Model: PASHW020



5.Performance Parameters

Model		P A S H W 0 2 0	
Heating capacity	kW	4.85	
Rated power input	kW	1.25	
Rated current input	A	5.43	
Max. Power input	kW	1.50	
Max. Current input	A	6.52	
Power supply	V/Ph/Hz	230V~/50Hz	
Compressor quantity		1	
Compressor		Rotary	
Fan motor speed	RPM	1 5 8 0	
Fan motor quantity		2	
Water pumppower	W	1	
Noise	dB(A)	5 2	
Water inlet	DN	2 0	
Water outlet	DN	2 0	
Condensate drain outlet	DN	2 0	
Range of ambienttemp.	${\mathbb C}$	−7~4 3	
Rated water flow	m³/h	≥ 1.0	
TargetWater temp. Set	${\mathbb C}$	5 5	
Net dimensions	mm	See the drawing of the unit	
Shipping dimensions (L/W/H)	m m	See the package label	
Net weight	k g	See the nameplate	
Package weight	k g	See the packagelabel	

^{*}Testing conditions:

Ambient temp.(DB/WB): 15° /13°C, Waterinlet: 15° C, Wateroutlet: 45° C.

Operation range:

The range of the operating ambient temperature:-7~43 $^{\circ}$ C

The range of the operating water temperature:9~55 $^{\circ}$ C

4. Performance Characteristics

Р	Performance Characteristics
	Heating Capacity
	Because the supplied hot water absorbsheat from the surrounding air and release the heat at heat exchangerside. Once ambient temperature goes down, the heating capacity may decrease accordingly.
	3 Minutes Protection
•	When the unit is turned off after running and the user immediately starts the unit or turns on manual switch, the unit will not run within 3 minutes. This is one of the main controller function to protect the compressor.
	Defrosting Function in Heating Mode
	When there isfrost on somepart of the unit in heating mode, the machine will automatically defrost to promote heating capacity (2 to 10 minutes). Under defrosting process, the fan motor of the unit will stop running and compressor continue running.
	Water Source
	The unit onlycan use tapwater. Pleasedo not usethe water fromlake, river or underground which isnot treated.
	Power Supply Disconnection
	If power iscut when themachine is running, the unit willstop immediately. If the unitis mis-works because of thunder, radio wave, powernet fluctuation, please turn off the power switch by hand. After the unit power supply is available, the user can then press the ON/OFF key on the controller.
	Current Leakage Protector
0	The unit mustbe connected withpower net throughcurrent leakage protector.
	Water Pressure Protection
	In the watersystem will beinstalled with the P&T valve. When pressure/temperature of the water tank is higher than the target set point of P&T valve, the P&T valve will open sluice automatically.

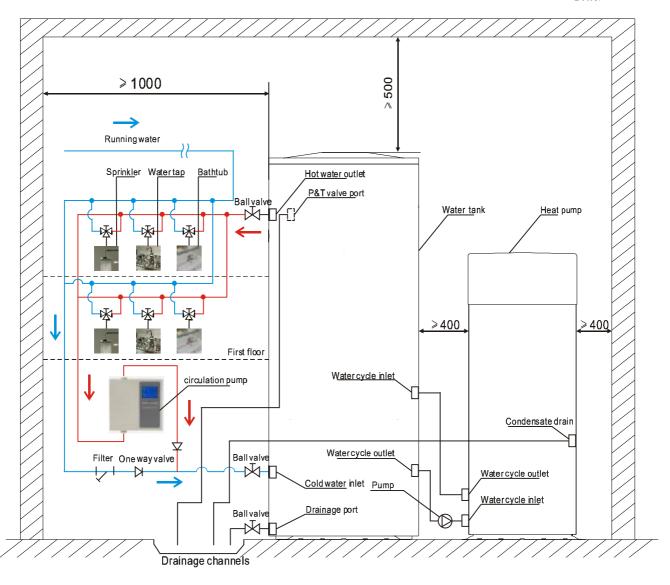
During this process, there will be some water flowout, please do not block up this port.

5. Installation

1.Installation Sketch Map

1.1 Water system installation sketch map

Unit: mm





P&T valve is a necessary component of the tank.

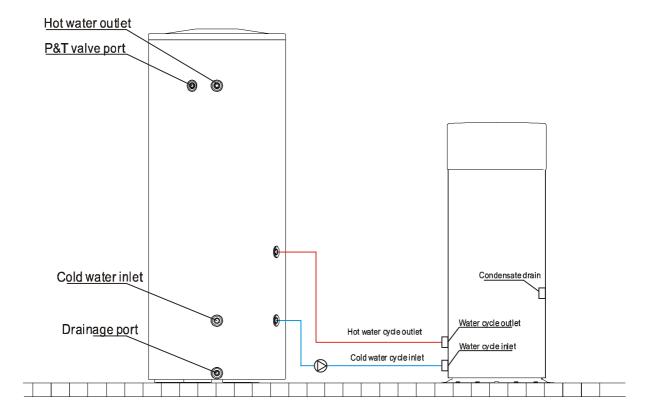
Do not blockthe drain outlet.

Lead the drainpipe to anopen drain channel.

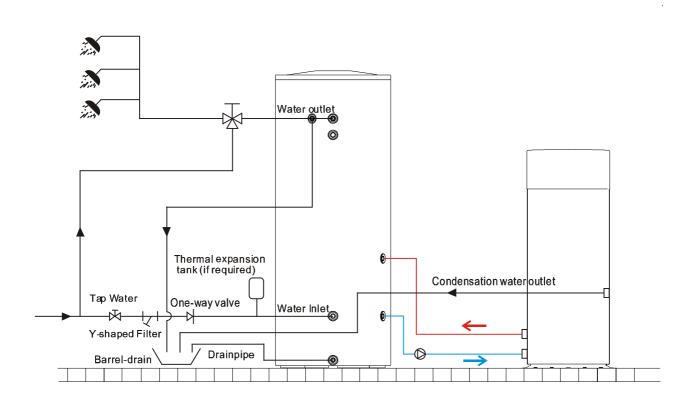
Please obey the above instructions to avoid any possible injuries or unexpected accidents

5. Installation

1.2Installation sketch map ofwater heater and storage tank



1.3 Installation working sketch of water heater and storage tank



2. Choose the suitable unit

This water heater is specially suitable for large houses or villas, and the public place where need much hot water. Please confirm whether your practical situation is fit for the below table.

People	Model
<10	PASHW020

Attention: The above is justfor reference, the data is according to the data of 50L/person each day. please choose the unit according to local ambient temperature and actual usage habits.

3. Storage and Transportation

- Generally, it's better to use a container to transport the waterheaters and store them in a suitable and dryplace. For short distance carrying, please becareful and ensure the maximum inclination is no more than 60. During transportation and storage, the ambient temp is better from -10°C — +43°C.
- There should be some protection against shock during transportation, so that can prevent the unit from shaking.
- During transportation and lifting, please takesome protection for the unit to prevent it from inclining and turnover, do not damage the cabinet.

4. Open-package Inspection

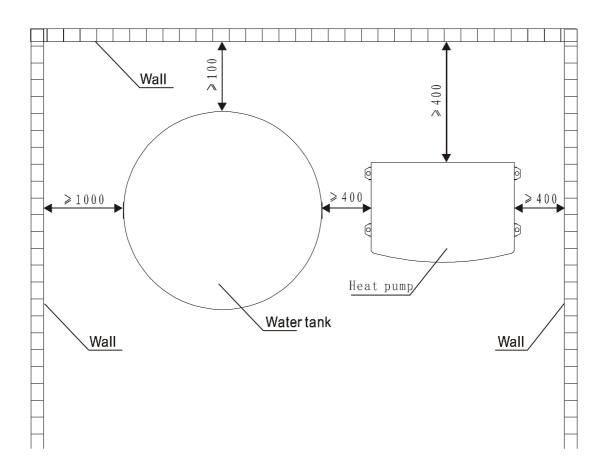
- Please check whetherthe unit package is in goodcondition or not. After opening the package material,
- please check ifthere is somedamage on thecabinet or somethingwrong to theunit.
- Pleas check theaccessories to confirm whether it is the same withpacking list.
- If there are some damage or lack of parts, pleas connect to the factory or the transport department
- If there aresome other problembeyond cabinet damage, please inform ourcompanyat once.

5. Installation

5. Installation Position

- 5.1 When you select the position to install the unit, please consider the following points:
- Enough space forinstallation and maintenanceshould be preserved.
- Place the unitaway from theliving area todecrease the vibrationand the noise, like: on thebalcony, flatroof or otherflat places.
- When the unitneed to be installed on the flat roof or other place, do not chose the site which is with heavy wind, heatvapor, flammable gases or near the exhaust outlet of some devices.
- In the multistoried building, heat pumpwater heater and other household equipments should be centralized installed, which not only can save much wires, installation fee, but also is convenient for inspection and management.
- When there are many units need to be installed, the distance between the units should>2.5m to avoid noise and sympathetic vibration.

5.2 Installation Space



6. Hydraulic Connection

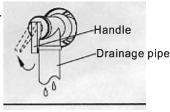
Please pay attention to the points below when connecting the water pipes:

- Try bestto decrease theresistance in waterpipes.
- Inner surface ofwhole pipe systemshould be clean, no rusty spotsand dirts to avoid any pipe blocks.
- There should be no leakage in the water circuitsystem, or the unit performance will be affected, or your living and working environment be disrupted.
- Add one-way valveand safety valvein water way.
- When connect thewater heater to the water tank, please use flexible pipe to prevent vibration transmitting.
- Hydraulic system pipesshould be keptwarm by highquality insulation material, to decrease heat exchange between water system and the environment.
- Please install auto.exhaust valve at the highest point of the watersystem.
- Please install drainage valve at the lowest point of the water system.
- Do not useground water, river water, lake water which has not been processed.
- The installation ofwater pipes have to be accordance with DIN1988 standard (to avoid higher water pressure, please install adischarge valve).
- Please set afilter in frontof the coldwater inlet to avoid the dirtgoing into the water pipe.
- When connecting thewater pipes, please prevent any pollution going into pipes.
- The male specification of P&T valve is G3/4". After installation, please assure that the drainage pipe is open to the atmosphere.
- If there is a drainage hosepipe connecting the discharge outlet of P&Tvalve, please assure its direction is down and its outlet isopen to the air.



Attention

At least pull once half a year the handle of one way valve in order to remove the sediment of Calcium Carbonate. Please confirm the device is with no jam. The temperature of the water from the outlet of the valve may be higher than expected and please take care to avoid burns.



5. Installation

7. Electrical Wiring

- Instruments should be installed in accordance with national wire installation rules.
- Wire connection must be made by qualified electrician.
- Power off the unit before you inspect the electrical wiring connection.
- Before wiring, confirmthe rated voltage of the unitas shown onits nameplate, then carry out the wiring strictly following the wiring diagram.
- Check whether the power supply to the unit is in accordance with the unit capacity or not, if not, please change the power supply. Do not start up the unit with wrong power supply.
- There should bean electric circuit protector between theunit and the power supply. Please select the protector specification according to the relevant electric standard and product technical explanation.
- If the powercable is damaged, you must purchase anew one from the factory or a qualified agent, or other products with the same certificates.
- Make sure theearthing is ingood condition, andthere should be no virtual earthing connection which will cause injuries to people.



Attention

Power cable shall be arranged in neat and reasonable way and in accordance with national routing rules for installation.

8. Trial Operation

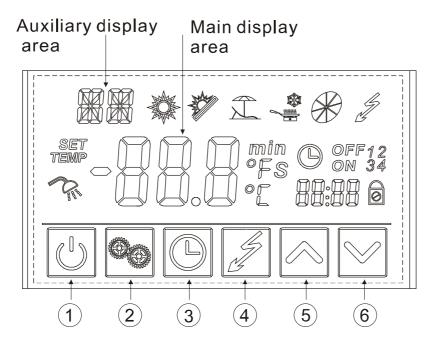
- 8.1 The examine before trial operation
- Make sure thewater tank isfull of waterand the waterpipes are installed well.
- Check the powersupply distribution systemand ensure thevoltage is innormal condition and the earthwires and wiringconnections are ingood condition.
- Check the unitstatus: When the unit is powered on, observe whether the indicator light and the temperature of the controller are working normally.

8.2Testrunning

- Starting the unitby the wirecontroller.
- First, start upwater pump (ensurewater can bepumped), after 1min, start up fanmotor.
- When the unitis operating, checkthe unit whetherit is withabnormal sounds, ifso, the unit should bestopped and examined at once.
- Check the watertemperature in thewater tank to see whether it is normal.
- It may need4 ~ 8hours for theunit to achieve the target temperature for the first time depends on the water and ambient temperature.

6.1 The function diagram of the wire controller

1. Function of wire controller



1) Function of key

NO.	Button	Name	Function	
1		ON/OFF	Turn on/offthe unit.	
2	96	Mode	Switch unit running modes or save setting parameters.	
3		Clock	Set the clockor the timer.	
4	J	Electric Heater	Turn on/offthe electric heateror switch fanmodes.	
5		Up	Move up orincrease parameter values.	
6	\bigcirc	Down	Move down ordecrease parameter values.	

2) Function of icons

Status icon	Name	What it means		
	Heating	Shows that the unit is inheating mode.		
***************************************	Eco.heating	Shows that the unit is in eco.heating mode.		
I	Vacation	Shows that theunit is invacation mode.		
	Cooling	Shows that theunit is incooling mode.		
*	Fan	Shows that thefan is onand the speed of the fan.		
J	Electric heater	Shows that the electric heater ison.		
Con the second	Set temperature achieved	Shows that the water temperature has reached the target point and the unit shut off automatically.		
SET	Parameter setting	Shows that theparameter is adjustable.		
TEMP	Temperature	Shows that thetemperature is non-adjustable (measured value).		
O ON	Timer & ON	Shows that theunit will beturned on bythe timer automatically.		
O OFF	Timer & OFF	F Shows that theunit will beturned off by the timer automatically.		
min	Minute	Shows that themain display areadisplays the minute.		
S	Second	Shows that themain display areadisplays the second.		
•C	Centigrade	Shows that the temperature in Main display area or Auxiliary display area is in $^{\circ}$ C.		
•F	Fahrenheit	Shows that thetemperature in Maindisplay area or Auxiliary display area is in □.		
Ø	Lock	Shows that thekeyboard is locked.		

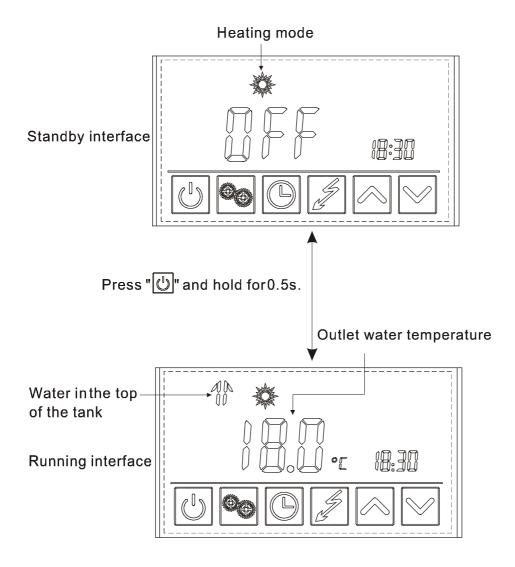
2. Usage of wire controller

2.1 TurnON/OFF the unit

Press " and hold for 0.5s in the standby interface of the wire controller to turn on the unit and at this time the main display areashows the water outlet temperature.

Press " and hold for 0.5s in therunning interface of the wire controller to turn off the unit and at this time themain display areashows OFF.

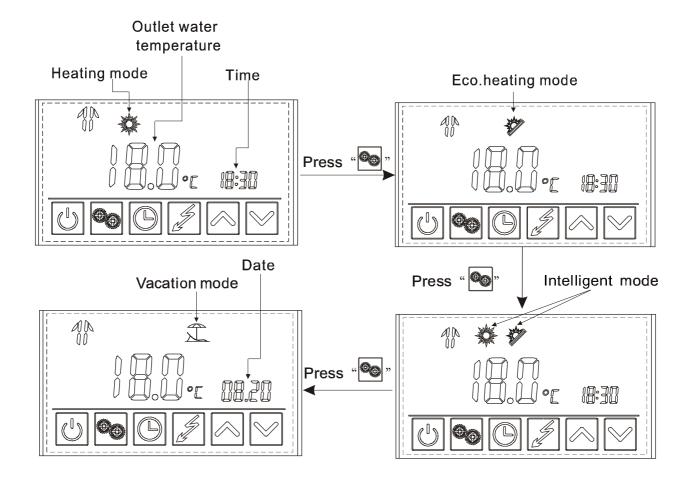
Note: The ON/OFF button can only be used to turn on/off the unit in standby orrunning interface of the wire controller.



2.2 Mode selection

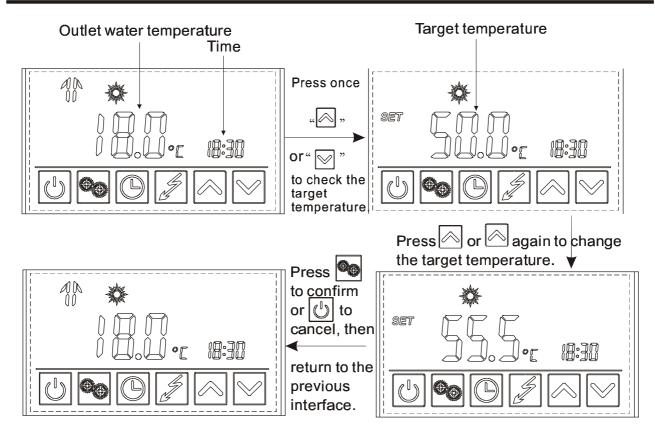
Press " to select the mode from Heating, eEco. heating, Intelligent, Vacation in the standby or running interface.

For example:



2.3 Target temperature checkingand setting
In the standby or running interface, press "or "or "once to checkthe target temperature of the outletwater. Press "or "or "or "again to change the target temperature. After making the changes to the parameter, press "to confirm or "or to cancel the changes, then return to the previous interface. If no operations are performed on the keypad for 5s, the controller exits the parameter modification menuby timeout and the changes are confirmed. Example: Change the target temperature from 50°C to 55.5°C when the actual outlet water temperature is 18°C.

6. Usage



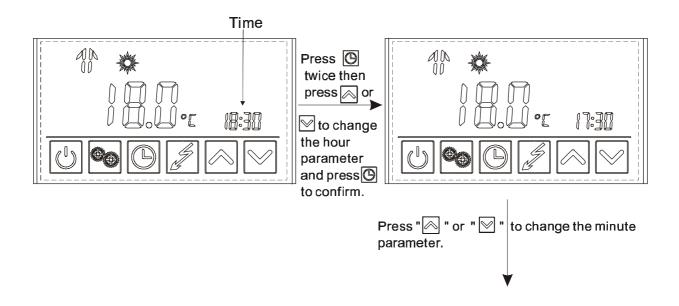
2.4 Timesetting

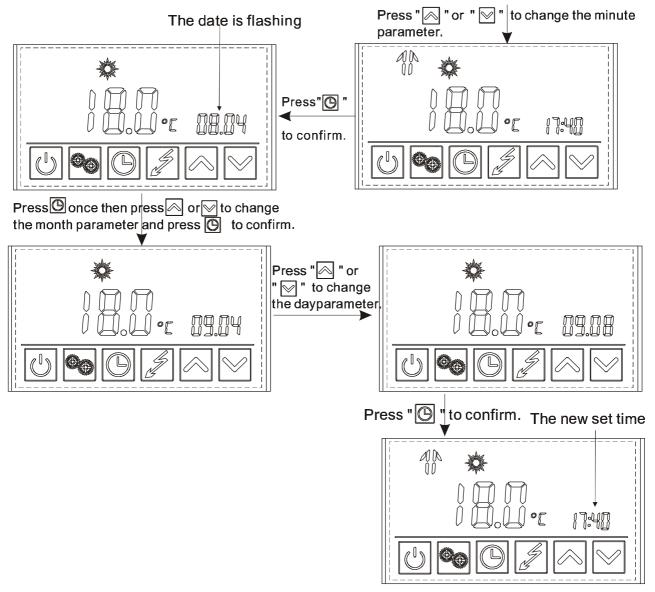
In the standbyor running interface, do as follows to set the time when inheating mode. When press "O" once, the time parameter will flash. When press "O" again, the hour parameter will flash then press "O" or "O" to change it. After making the changes to the parameter, press to confirm, then change the minute parameter as well as the date parameter in the same way.

If no operations are performed on the keypad for 10s, the controller exits the parameter modification menu by timeout and the changes are confirmed.

Note: Set the date in the same way when in vacation mode.

Example: Change the time and date from 18:30 on August 4th to 17:40 on September 8th.





2.5 Timersetting

2.5.1 In the heating mode, two running periods can be set.

Press " and hold for 2s to enterinto the timersetting interface.

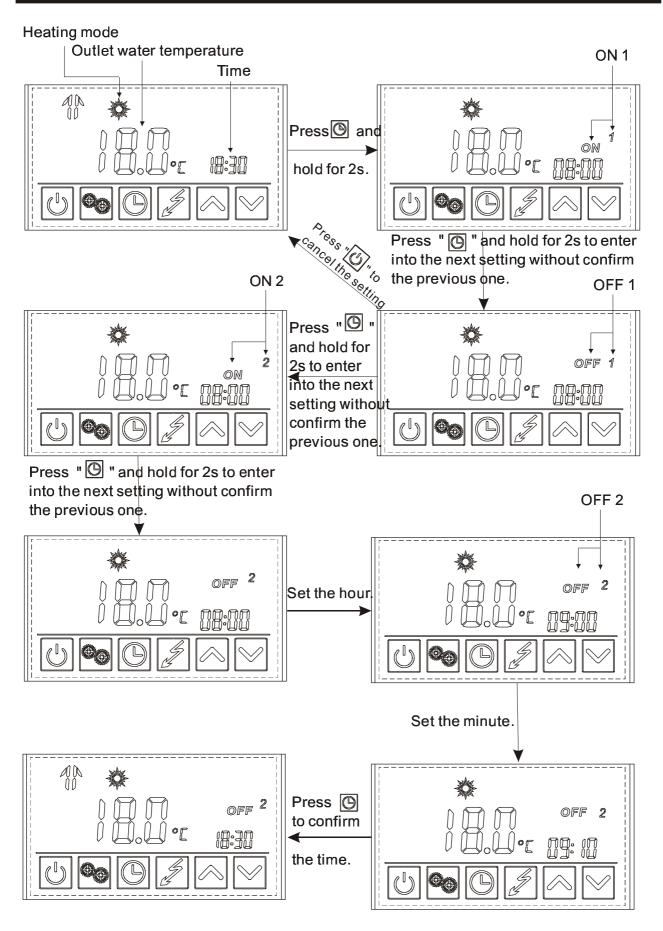
Running period 1: The symbol "ON 1" on the rightside of the interface and the time parameter flash at this time. Press" "grain and the hour parameter flashes. Set the time according to the "2.6" and confirm. Then "OFF 1" and the time parameter flash. Set the time following the previous steps.

Running period 2: After Running period 1 is set, the controller will enterint the Running period 2 setting interface. Setthe start-up and shut-down time in the same way as Running period 1.

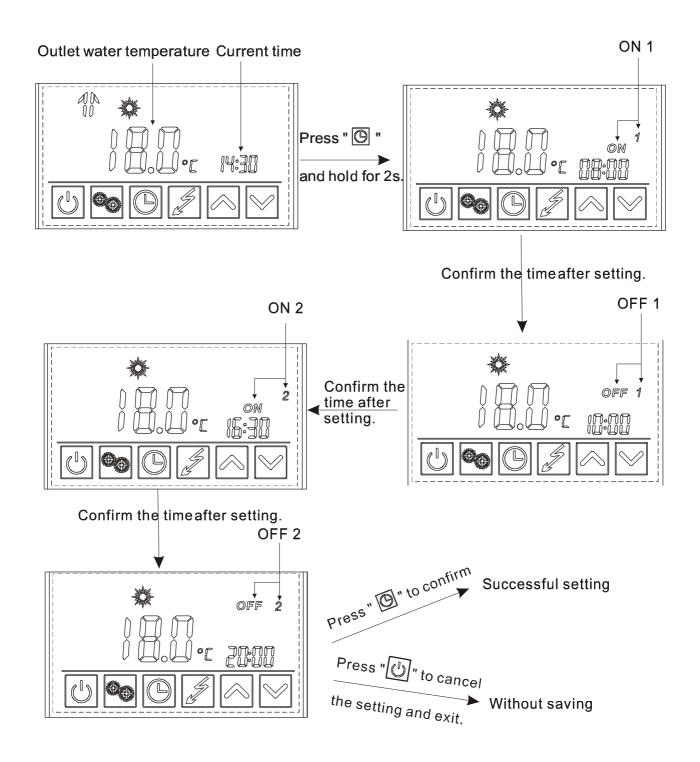
Press " to cancel anymodifications during thesetting.

Press " \bigcirc " "and hold for2s twice to set the "OFF 1" time directly or press " \bigcirc " " \bigcirc " when the unit is already running.

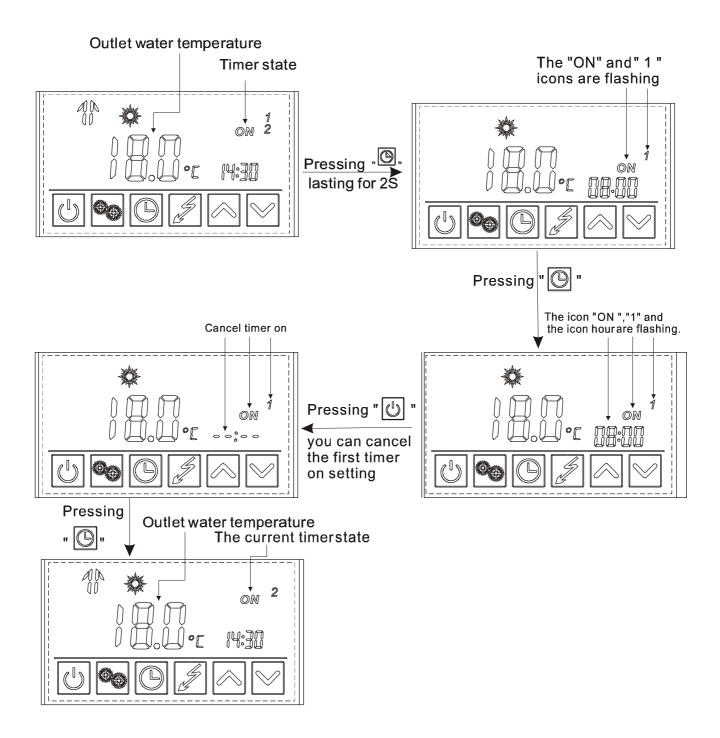
Press " cancel the setting when the hour parameter is flashing.



Example: **Running period 1**: 8:00~10:00; **Running period 2**: 16:30~22:00.

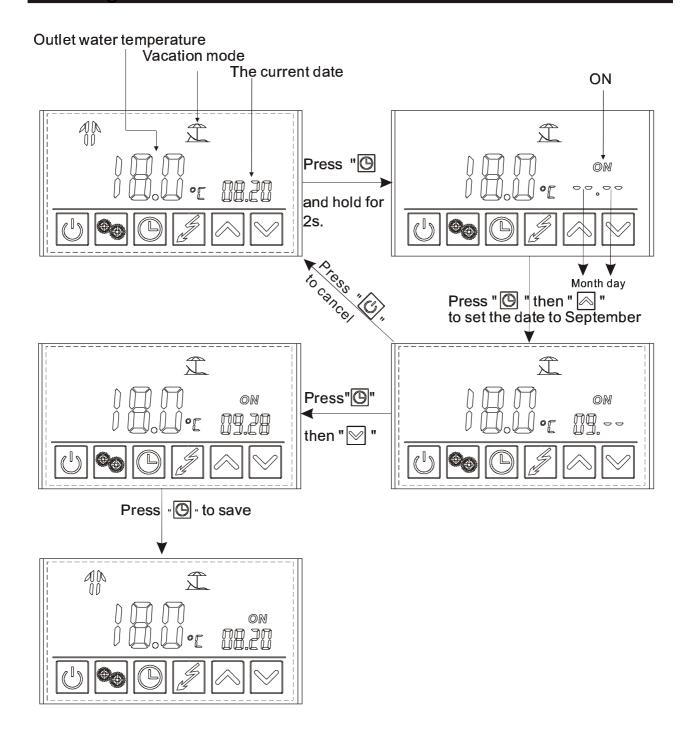


If you want to cancel the timer setting, follow this below



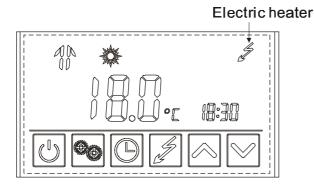
2.5.2 In the vocation mode

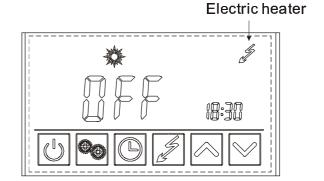
Press "and hold for2s to enterinto the timersetting interface. The symbol "ON" and the date parameter are flashing at this time. Then set the date in the same way as "2.6".



2.6 Electric heater setting

The electric heatercan be turned on when the unit is heating or standby.

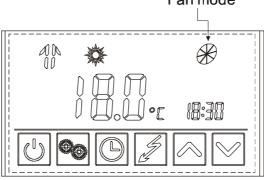




2.7 Fan mode setting

Press " and hold for 2s for the first time to change the fan mode to low speed running and the fan will run at low speed when the unit target temperature is reached. Press " and hold for 2s again to change the fan mode to high speed running and the fan will run at high speed when the unit target temperature is reached. Press " and hold for 2s for the third time to change the fan mode to shut-down and the fan will stop running when the unit target temperature is reached.

Fan mode

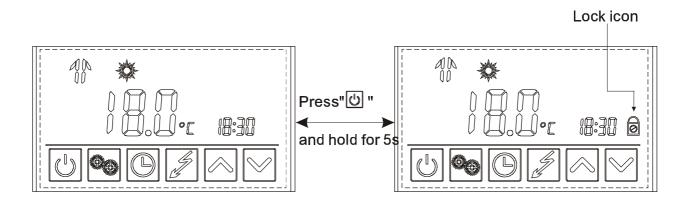


Definition of the fan icon

- 1. (Running): shows that the fan is running at high speed
- 2. (Running): shows that the fanis running at low speed.
- 3. Fan icon disappears: shows that the fan is shutoff.
- 4. (Static): shows that the fan will run at high speed when target setting temperature is reached.
- 5. (Static): shows that the fan will run at low speed when target setting temperature is reached.

6.Usage

2.8 Keyboard locking
Press "U" and hold for 5s once to lock the keyboard. Press "U" and hold for 5s again to unlock thekeyboard.



3.Parameter list

Definition	Default	Note
Target temperature	55℃	Adjust

7. Maintenance and repair

7.1 Maintenance

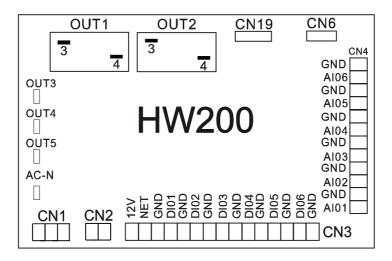
- Check the watersupply and airvent frequently, to avoidlack of wateror air in the water loop. Clean thewater filter in a certain period to keep goodwater quality. Lack ofwater and dirty watercan damage theunit. The heat pump will start the waterpump per 72 hours when it is not running, to avoid freezing.
- Keep the unitin a placewhich is dryand clean, and has good ventilation. Clean the heat exchanger in 1 or 2 month and keep good heat exchange rate and save energy.
- Check each part of the unitand the pressure of the system. Replace the failure part if there is any, and recharge the refrigerant if it is needed.
- Check the powersupply and the electrical system, makesure the electrical components are good, the wiring is well. If there is any part failed with wrong action or smell, please replace in time.
- If the heatpump is notused for along time, pleasedrain out all the water in the unit and seal the unit to keep it good. Please drain the water from the lowest point of the heat exchanger to avoid freezing in winter. Water recharge and full inspection on the heat pump is needed before it is restarted.
- Don't power off the unitwhen you use it incontinuity, or the water in the pipe will freeze and split the pipe. We will not answer for this damage.

7.2 The normal failure and solutions

For any malfunctions, please refer to the table below:

Malfunction	Display	Canse	Solution
Bottom water temp. Failure	P01	The water bottom temp. Sensor is open orshort circuit	Check or changethe water bottom temp. Sensor
Toptank water temp. Failure	P02	The water toptank temp.sensor is open orshort circuit	Check or changethe water top tank temp.Sensor
Ambient temp. Failure	P04	The ambient temp, sensor is open orshort circuit	Check or changethe ambient temp. Sensor
Coil temp. Failure	P05	The pipe temp. sensor is open or shortcircuit	Check or changethe pipe temp. Sensor
Refrigerant absorb temp. Failure	P07	The evaporator temp.Sensor is open orshort circuit	Check or changethe evaporator temp. Sensor
Anti-freeze temp. Failure	P09	The anti-freeze temp. Sensor is open orshort circuit	Check or changethe anti-freeze temp. Sensor
High pressure protection	E01	The exhaust pressureis high , high pressure switchaction	Check high pressure switch and cooling return circuit
Low pressure protection	E02	The suction pressure is low, Low pressure switch action	Check low pressureswitch and cooling return circuit
Water flow failure	E03	No water orlitter water in water system	Check the flowvolume ,water pump is failureor not
Electric-heater overheat protection	E04	Water flow volumenot enough,Water system pressure differenceis small	Check the flowvolume,water system is jammedor not
Anti-freeze protection	E07	Water flow volumenot enough, Water system pressure differenceis small	Check the flowvolume,water system is jammedor not
Anti-freeze protect level1	E19	Ambient temperature istoo low	
Anti-freeze protect level2	E29	Ambient temperature istoo low	

1. PCBI/O port



NO.	Symbol	The definition of the ports	
1	OUT1	Compressor(output)(220-230VAC)	
2	OUT2	Heater (output) (220-230VAC)	
3	OUT3	Four way valve(output)(220-230VAC)	
4	OUT4	High speed fan/Sourcepump (output) (220-230VAC)	
5	OUT5	Low speed fan/Circulate pump/Solar pump/ Recovery pump/Cooling(output)(220-230VAC)	
6	AC-N	Ground	
7	NET GND 12V	Remote controller	
8	DI01 GND	Remote ON/OFF	
9	DI02 GND	Over heat protection	
10	DI03 GND	Low pressure protection	
11	DI04 GND	High pressure protection	
12	DI05 GND	(SPARE)	
13	DI06 DND	Flow swtich protection	
14	AI01 GND	Ambient temp. sensor(input)	
15	AI02 GND	Tankof bottom temp.Sensor(input)	
16	AI03 GND	Tankof top temp. Sensor(input)	
17	AI04 GND	Coil temp. Sensor/Anti-freezeSensor(input)	
18	AI05 GND	Suction temp. sensor(input)	
19	AI06 GND	Solar temp.sensor(input)	
20	CN6	Running indication/Circulate pump/Solarpump	

9. Caution & Warning

Caution & Warning

- 1. The unit can only be repaired by qualified installer centrepersonnel or an authorised dealer. (for Europe market)
- 2. This appliance is not intended for useby 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. (for Europe market)
 - Children should be supervised to ensure that they do not play with the appliance.
- 3. Please make sure that the unit and power connection have good earthing, otherwise may cause electrical shock.
- 4. If the supply cord is damaged, it must be replaced by the manufacturer or our service agent or similarly qualified person in order to avoid a hazard.
- 5. Directive 2002/96/EC(WEEE):
 - The symbol depicting a crossed-outwaste bin that is underneath the appliance indicates that this product, at the end of its usefullife, must behandled separately from domestic waste, must be taken to are cycling centre for electric and electronic devices or handed back to the dealer when purchasing an equivalent appliance.
- 6. Directive 2002/95/EC(RoHs): This product is compliant with directive 2002/95/EC(RoHs) concerning restrictions for the use of harmful substances in electric and electronic devices.
- 7. The unit CANNOT be installed near the flammable gas. Once there is any leakage of the gas, fire can be occur.
- 8. Make surethat there is circuit breaker for the unit, lack of circuit breaker can lead to electrical shock or fire.
- 9. The heat pump located inside the unitis equipped with an over-load protection system. It does not allow for the unit to start for at least 3 minutes from a previous stoppage.
- 10. The unit can only be repaired by the qualified personnel of an installer center or an authorized dealer. (for North America market)
- 11. Installation must be performed in accordance with the NEC/CEC by authorized persononly. (for NorthAmerica market)
- 12. USE SUPPLY WIRES SUITABLE FOR 75°C.
- 13. Caution: Singlewall heat exchanger, not suitable for potable waterconnection.
- 14. The water may dripfrom the discharge pipe of the pressure-relief device and that this pipe must be left open to the atmosphere.

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