Air To Water Heat Pump
(Wired Controller)

Operation Manual

Version 1.0

www.solaxpower.com

eManual in the QR code or
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About This Manual

Scope of Validity

This manual is an integral part of the heat pump. It describes the setting menu, user parameters of the wired controller and how to operate it. Please read it carefully before operating.

All the pictures in this manual are for illustration purposes only, please refer to the actual interface.

Target Group

The setting can be performed by end users who have good knowledge of this manual and other related documents.

Conventions

The symbols that may be found in this manual are defined as follows.

Symbol	Description
DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
CAUTION!	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE!	Provides tips for the optimal operation of the product.

Change History

Version 1.0 (2025-07-18)

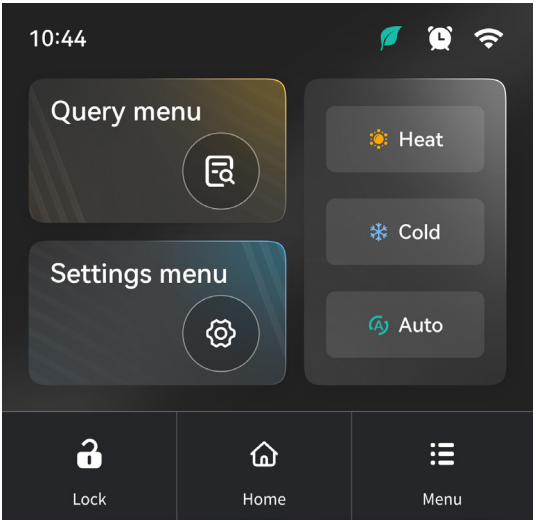
Added "6 Operation on SolaX App" (Added the Wi-Fi configuration)

Version 0.0 (2025-03-31)

Initial release

Table of Contents

1 Product Overview



Icon	Name	Description
	Query Menu	For entering the Query Menu
	Set Menu	For entering the Set Menu
	Mode	For setting the control mode of air conditioner area
	Unlock/Lock	For unlocking or locking the display screen
	Home	For entering the home page and view the temperature
	Menu	For entering the menu page
	Wifi	Connected to the cloud

2 Main Interface

The main interface varies according to the application scenario.

You should complete the following setting first.

Setting path: **Set Menu > Advanced setting > Parameters config. > System Parameters II > PANEL_CTRL**

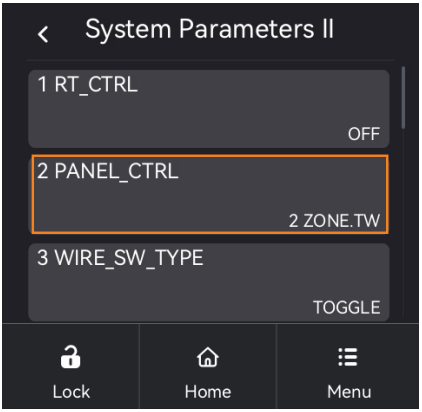
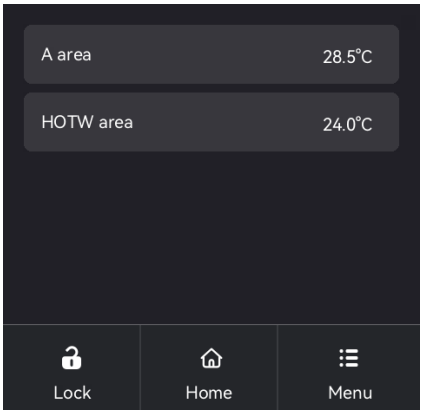


Table 2-1 Wired controller control

Item	Explanation
1 ZONE.TW	Single-zone water temperature + hot water
1 ZONE.TA	Single-zone room temperature + hot water
2 ZONE.TW	Two-zone water temperature + hot water
2 ZONE.TW&TA	Two-zone water temperature + room temperature + hot water
3 ZONE.TW	Three-zone water temperature + hot water

Main interface 1 (Single-zone water temperature + hot water)

The system includes single-zone air conditioner water temperature control and domestic hot water control.

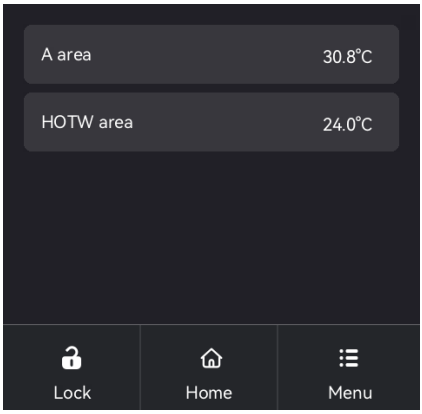


Main interface 2 (Single-zone room temperature + hot water)

The system includes single-zone air conditioner room temperature control and domestic hot water control.

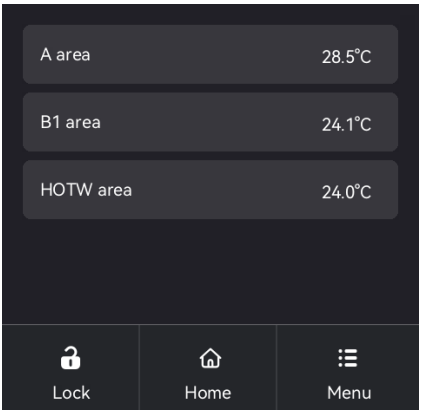
NOTICE!

- The wired controller should be installed indoors to detect the room temperature.



Main interface 3 (Two-zone water temperature + hot water)

The system includes two-zone air conditioner control (zone A water temperature + zone B water temperature) and domestic hot water control.

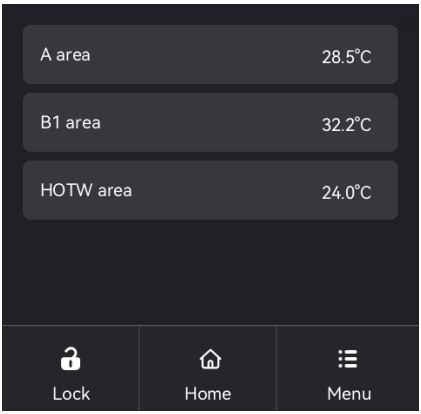


Main interface 4 (Two-zone water temperature + room temperature + hot water)

The system includes two-zone air conditioner control (zone A water temperature + zone B room temperature) and domestic hot water control.

NOTICE!

- The wire controller should be installed indoors to detect the room temperature.
- In heating mode, two zones can be turned on at the same time.
- In cooling mode, only zone A can be turned on.

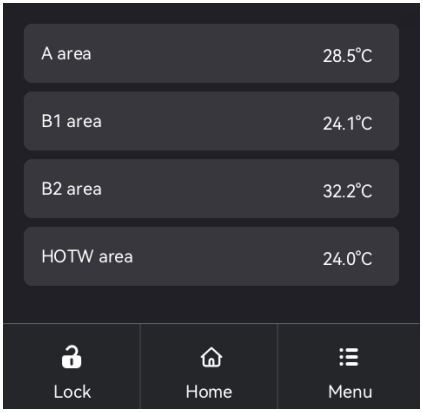


Main interface 5 (Three-zone water temperature + hot water)

The system includes three-zone air conditioner control (three zone water temperature) and domestic hot water control.

WARNING!

- When using the room thermostat to control, the unit can only control the water temperature.
- When the end is floor heating, the target temperature of the corresponding area should not be set too high.

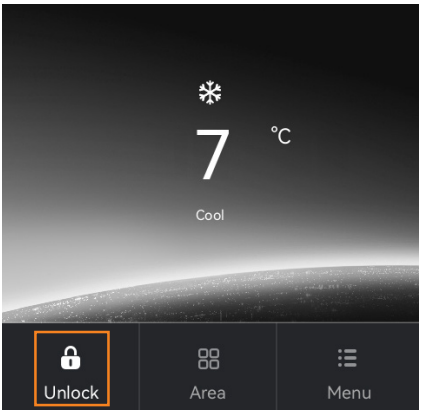


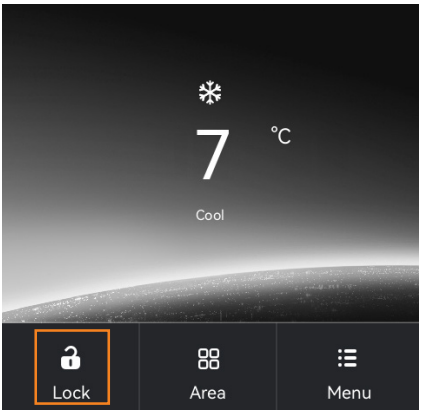
3 Basic Function

3.1 Screen Unlock / Lock

If appears on the screen, the wired controller can not be operated.

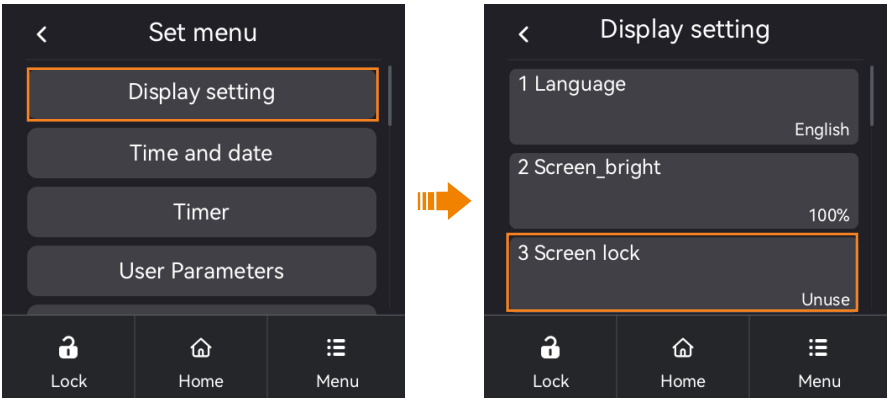
Click , then will appear and the wire controller can be operated.





Screen lock setting

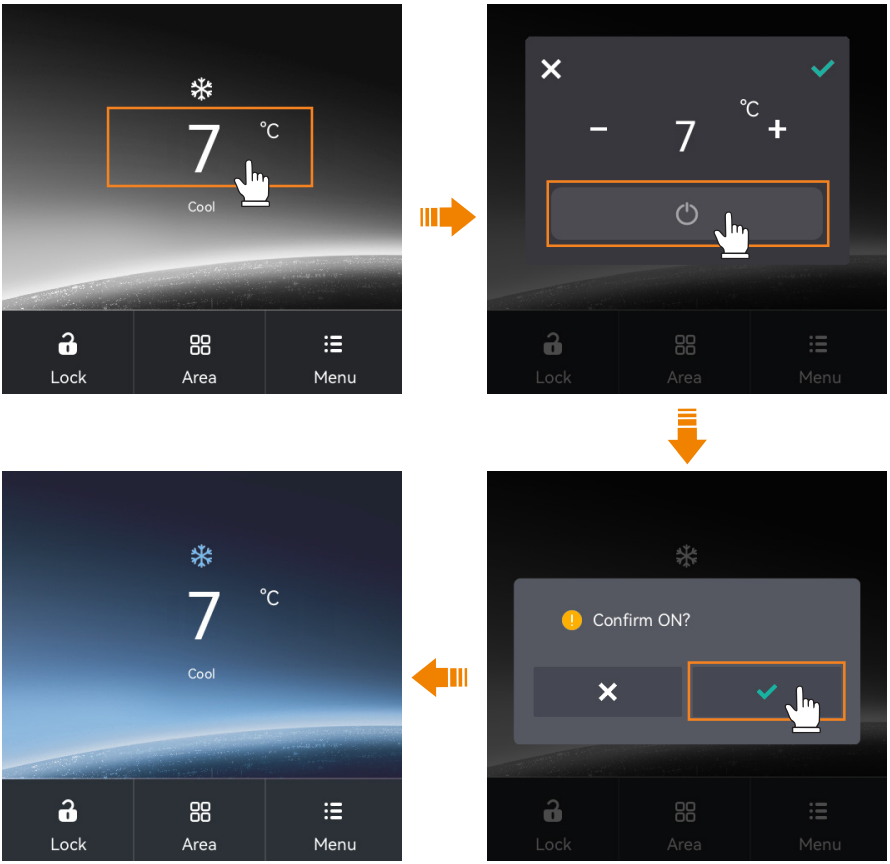
Setting path: **Set Menu > Display setting > Screen lock**



3.2 Switch

Switch on/off the air conditioner or hot water area using wired controller

Click the temperature to turn on/off the cooling or heating mode.

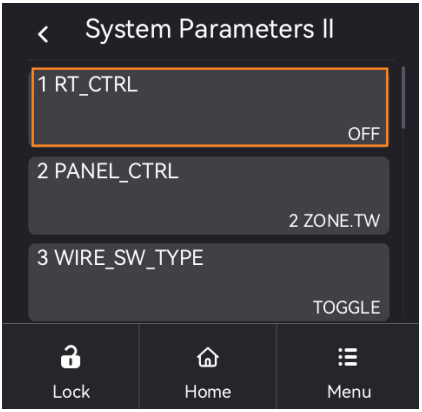


NOTICE!

- Click to switch the area, such as hot water area.

Switch on/off the air conditioner area using room thermostat

Setting path: **Set Menu > Advanced setting > Parameters config. > System Parameters II > RT_CTRL**



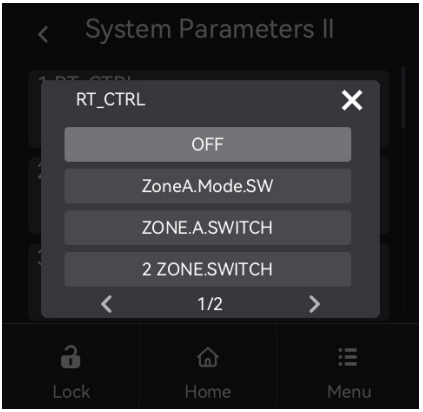


Table 3-2 Room thermostat (RT) control

Item	Explanation
ZoneA.Mode.SW	Single zone mode switch
ZONE.A.SWITCH	Single zone switch
2 ZONE.SWITCH	Two zone switch
3 ZONE.SWITCH	Three zone switch

When **RT_CTRL** is set to "**ZoneA.Mode.SW**":

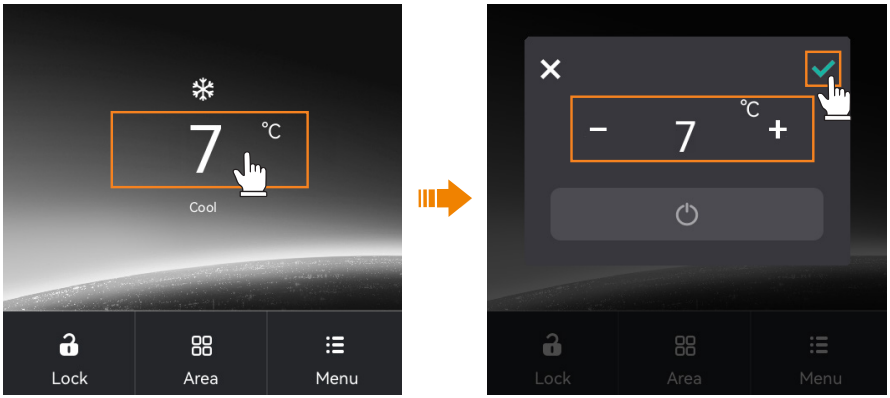
- The control mode and the switch of zone A are controlled by the room thermostat.

When **RT_CTRL** is set to "**ZONE.A.SWITCH**", "**2 ZONE.SWITCH**" or "**3 ZONE.SWITCH**":

- The switch of air conditioner area is controlled by the room thermostat.
- The control mode of air conditioner area is set by the wired controller.

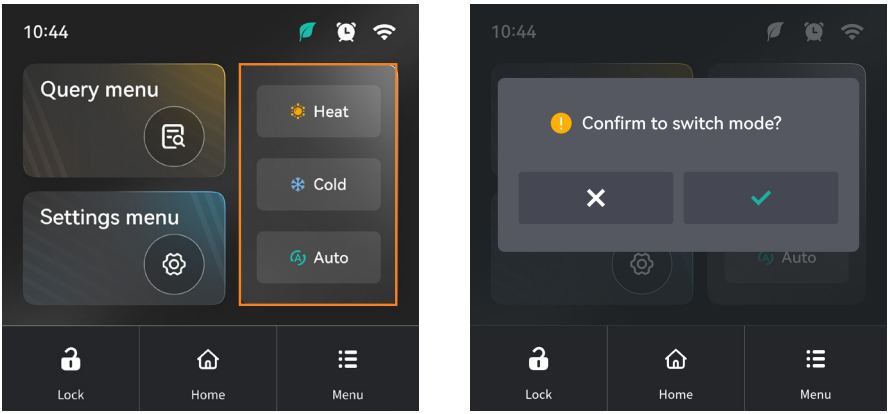
3.3 Temperature

Click the temperature number in the main interface, adjust the temperature value by clicking "-" or "+", and then save it.



3.4 Set Mode

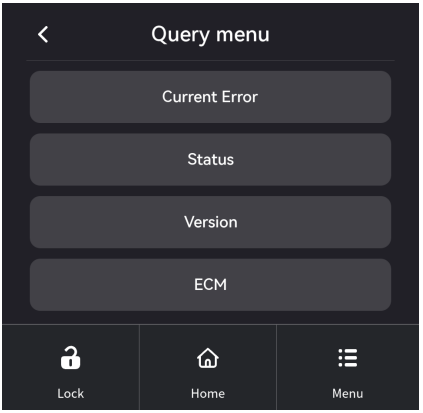
Click  to set the mode, including three modes: Heat, Cool and Auto.



4 Query Menu

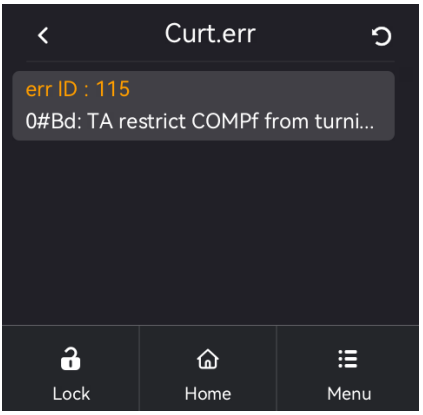
The query menu has four options. Click the corresponding option to enter the relevant function interface.

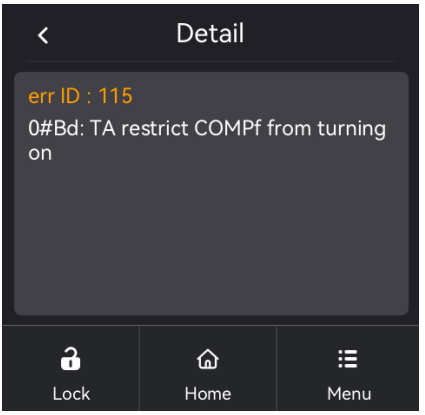
- Current Error
- Status
- Version
- ECM



4.1 Current Error

Click the button to display the existed faults, and click the corresponding fault to view the details.





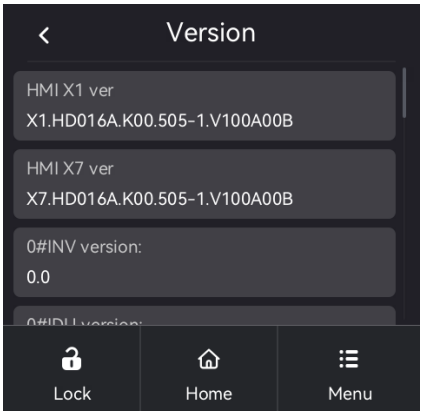
4.2 Status

When you need to check the current status information of the unit (such as indoor temperature, electrical components), you can enter the status interface to view it.

Click the button to view **System Status** and **#Module Status**.

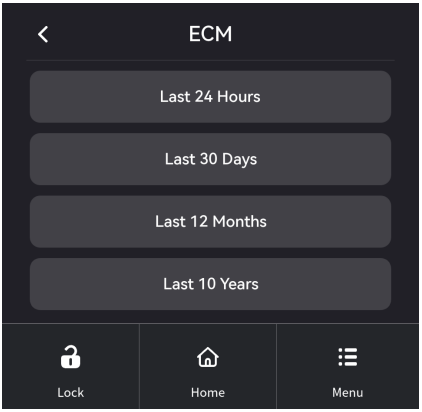
4.3 Version

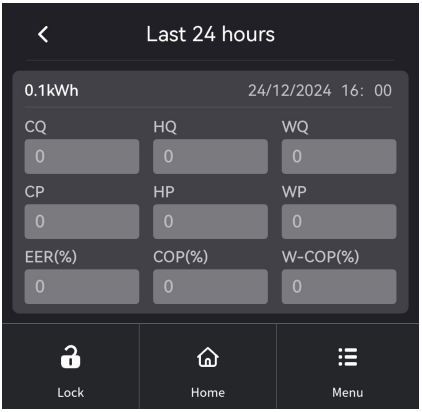
In order to solve the problem, you can enter the version interface to view the software version information.



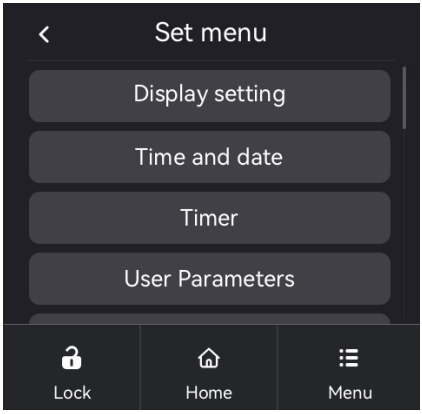
4.4 ECM

The function can display the power usage data and energy data of the unit according to a selectable time span.





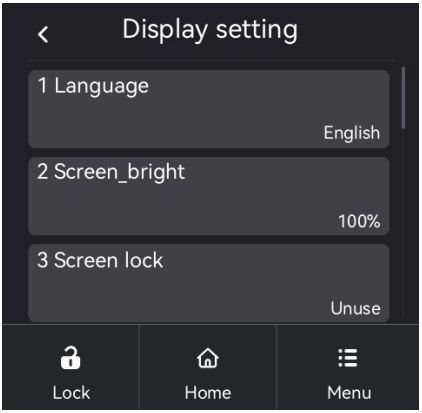
5 Set Menu

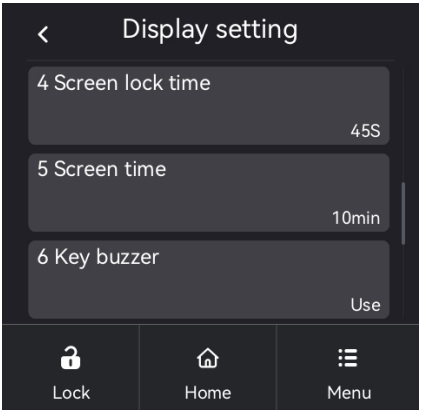


5.1 Display Setting

You can set the items for daily use, such as language, screen brightness, screen lock, screen lock time.

Setting path: **Set Menu > Display setting**



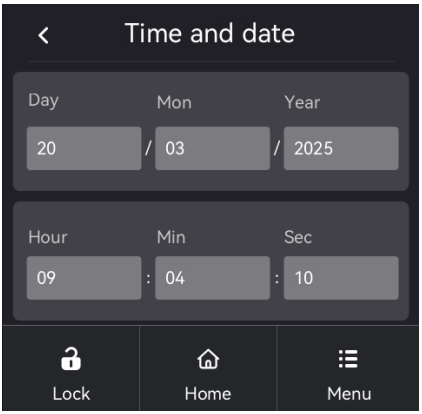


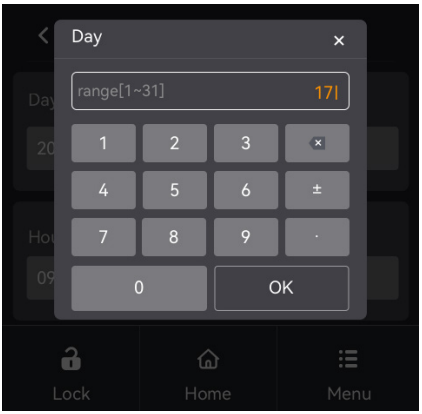
NOTICE!

- If **Screen Time** is set to 0, there will be no screen saver function and the screen will remain always on.

5.2 Time and Date

If the date and time displayed in the interface are incorrect, the date and time can be modified.



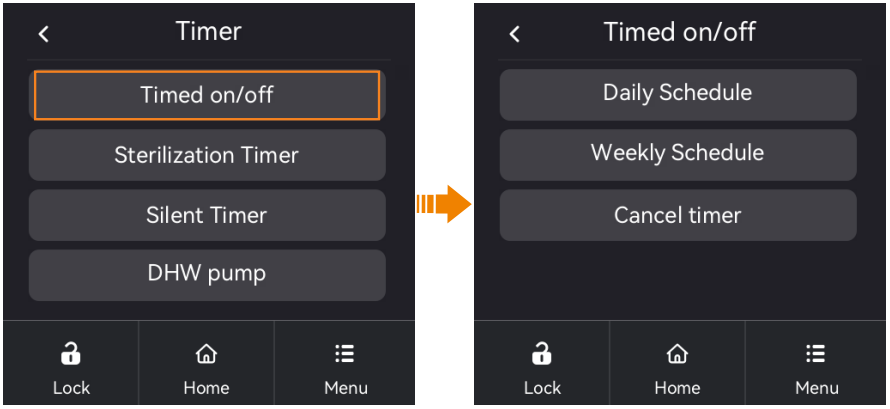


5.3 Timer

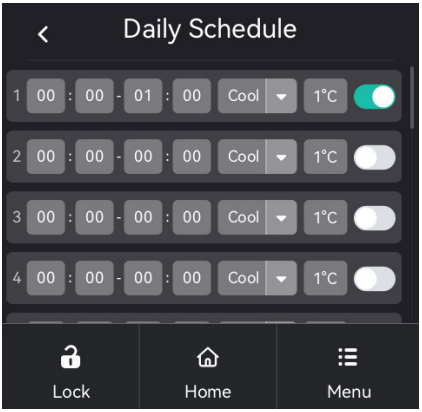
5.3.1 Timed ON/OFF

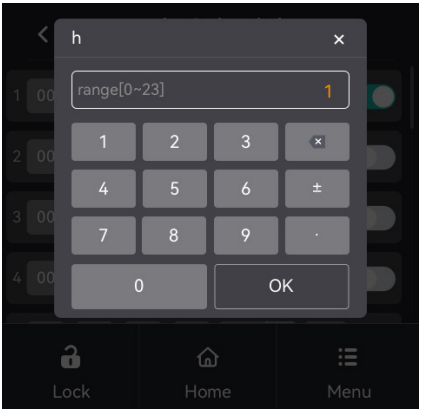
Daily Schedule

Setting path: **Set Menu > Timer > Timed ON/OFF > Daily Schedule**

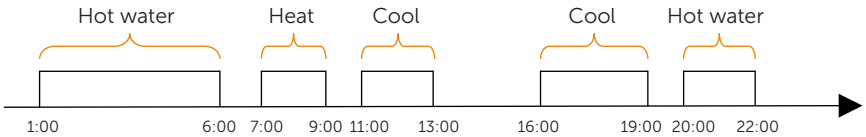


Click to enable the timer setting, and set **START** and **END** time, **Mode** and **TEMP**.





Example

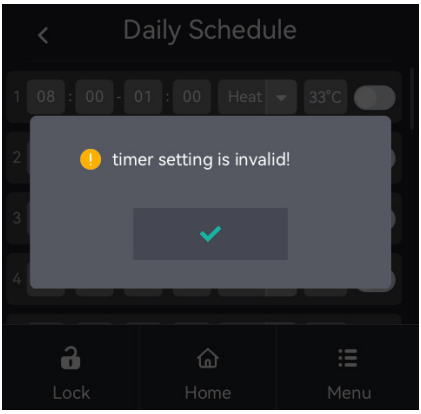


Item	Start time	End time	Mode	Temperature
1	1:00	6:00	Hot water	50°C
2	7:00	9:00	Heat	30°C
3	11:00	13:00	Cool	20°C
4	16:00	19:00	Cool	20°C
5	20:00	22:00	Hot water	50°C

Invalid settings

NOTICE!

For the following cases, the timing settings will be invalid.
- The start time and end time are the same.
- The start time is later than the end time.
- The start time and end time are not on the same day.
- The set temperature exceeds the allowable range of the mode.

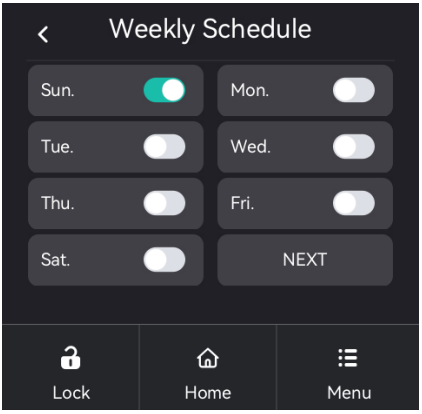


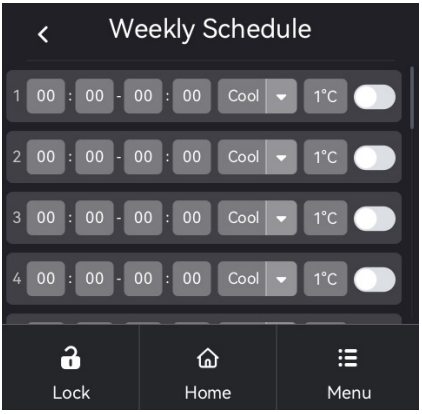
Weekly Schedule

Setting path: **Set Menu > Timer > Timed ON/OFF > Weekly Schedule**

Click to enable the timer setting.

Click **NEXT** to enter the timer setting of each day.

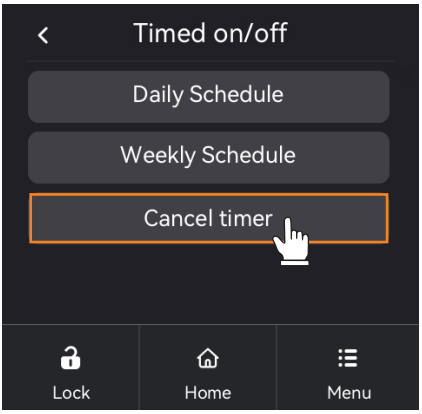


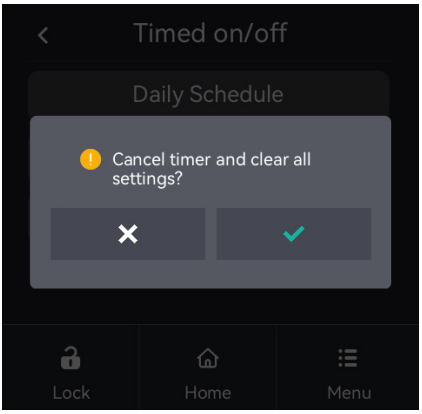


Cancel Timer

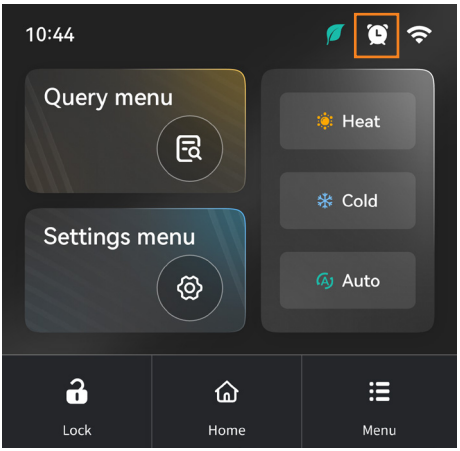
Setting path: **Set Menu > Timer > Timed ON/OFF > Cancel Timer**

If you need to cancel all timer settings (without affecting other timer function settings), you can click on **Cancel Timer**.





If the daily schedule or weekly schedule is enabled, the icon will be displayed on the main interface.



5.3.2 Sterilization Timer

Setting path: **Set Menu > Timer > Sterilization timer**

Sterilization function is used to kill bacterial germs in the hot water tank, the temperature of the hot water tank will be forced to reach 61~70°C. The specific value is determined by the **STERILIZATION_TEMP** parameter, which can be set in "5.4 User Parameters".

Before using the sterilization function, please ensure to enable **STERILIZATION** (for details of the parameter, please refer to the parameter table in "5.4 User Parameters"). If the parameter is disabled, the sterilization function cannot be used.

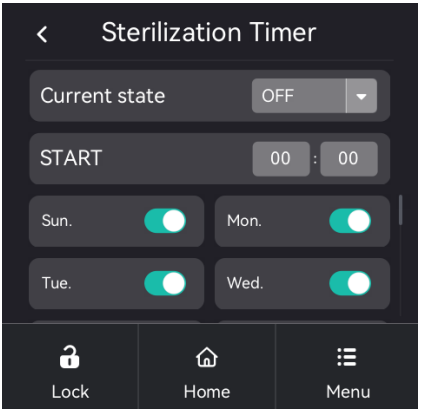
There are two ways to realize the sterilization function:

1. Timed control

2. Manual control

Timed control

Set the **START** first, then click to set which day is effective.



Manual control

Manual control is prioritized over timed control.

Select **Current State** to turn on or turn off the function.

If **Current status** is "OFF", click to manually turn on the sterilization function.

If **Current status** is "ON", click to manually turn off the sterilization function.

5.3.3 Silent Timer

Setting path: **Set Menu > Timer > Silent timer**

There are two options for **Silent Level**: Level 1, Level 2. The maximum speeds of fans and presses in level 2 are smaller than in level 1.

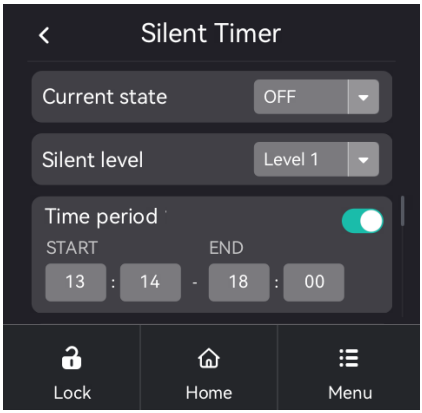
There are two ways to realize the silent timer function:

1. Timed control

2. Manual control

Timed control

Set **Silent Level** first, then click to set the time interval for silent.



Manual control

Manual control is prioritized over timed control.

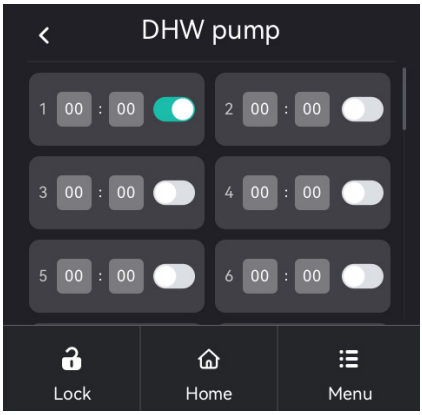
Select **Current State** to turn on or turn off the function.

5.3.4 DHW Pump

Setting path: **Set Menu > Timer > DHW Pump**

The DHW pump function is used to return water to the network.

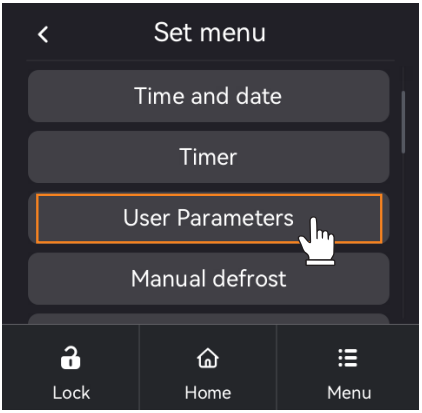
Click to enable the timer settings.

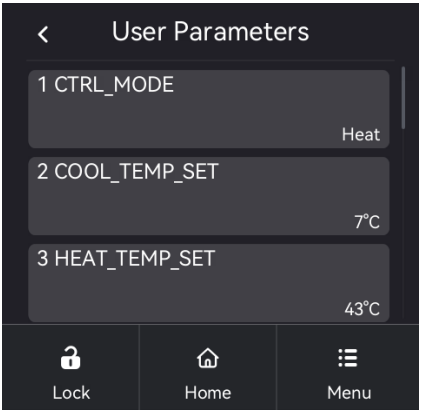


5.4 User Parameters

Setting path: **Set Menu > User parameters**

User parameters can be used directly by the end user.





For more user parameters, please refer to the following table (actual parameters are subject to the display of the wired controller):

Parameter	Range	Unit
CTRL_MODE	Heat, Cool, Auto	/
COOL_TEMP_SET	min~max	°C
HEAT_TEMP_SET	min~max	°C
HOT_Water_TEMP_SET	min~max	°C
COOL_ROOM_TEMP_SET	min~max	°C
HEAT_ROOM_TEMP_SET	min~max	°C
HEAT_TEMP_SET_B	min~max	°C
HEAT_ROOM_TEMP_SET_B	min~max	°C
HEAT_TEMP_SET_B1	min~max	°C
HEAT_TEMP_SET_B2	min~max	°C
POWER_MODE	• STANDARD • STRONG • ECO • AUTO	/
STERILIZATION	• ENABLE • DISABLE	/

Parameter	Range	Unit
STERILIZATION_TEMP	60~70	°C
STERILIZATION_CYCLE_MAX	90~300	min
STERILIZATION_HIGH_TEMP_TIME	5~60	min
A_ZONE_COOL_CURVE	• OFF • CURVE#1.L • CURVE#2.L • CURVE#3.L • CURVE#4.L • CURVE#5.L • CURVE#6.L • CURVE#7.L • CURVE#8.L • CURVE#1.H • CURVE#2.H • CURVE#3.H • CURVE#4.H • CURVE#5.H • CURVE#6.H • CURVE#7.H • CURVE#8.H • CURVE#9	/
A_ZONE_HEAT_CURVE	• OFF • CURVE#1.L • CURVE#2.L • CURVE#3.L • CURVE#4.L • CURVE#5.L • CURVE#6.L • CURVE#7.L • CURVE#8.L • CURVE#1.H • CURVE#2.H • CURVE#3.H • CURVE#4.H • CURVE#5.H • CURVE#6.H • CURVE#7.H • CURVE#8.H • CURVE#9	/

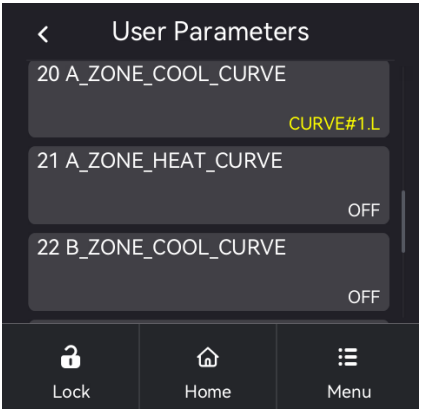
Parameter	Range	Unit
B_ZONE_COOL_CURVE	• OFF • CURVE#1.L • CURVE#2.L • CURVE#3.L • CURVE#4.L • CURVE#5.L • CURVE#6.L • CURVE#7.L • CURVE#8.L • CURVE#1.H • CURVE#2.H • CURVE#3.H • CURVE#4.H • CURVE#5.H • CURVE#6.H • CURVE#7.H • CURVE#8.H • CURVE#9	/
B_ZONE_HEAT_CURVE	• OFF • CURVE#1.L • CURVE#2.L • CURVE#3.L • CURVE#4.L • CURVE#5.L • CURVE#6.L • CURVE#7.L • CURVE#8.L • CURVE#1.H • CURVE#2.H • CURVE#3.H • CURVE#4.H • CURVE#5.H • CURVE#6.H • CURVE#7.H • CURVE#8.H • CURVE#9	/
C#9_TA_C1	-5~46	°C
C#9_TA_C2	-5~46	°C
C#9_TWout2_C1	5~25	°C
C#9_TWout2_C2	5~25	°C
C#9_TA_H1	-25~35	°C
C#9_TA_H2	-25~35	°C
C#9_TWout2_H1	25~65	°C
C#9_TWout2_H2	25~65	°C

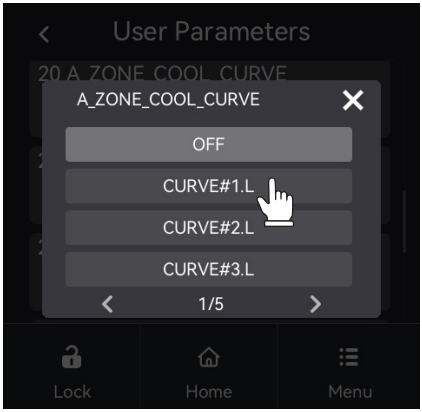
Preset temperature function

The function means that the target water temperature can be preset according to the external ambient temperature.

When the external ambient temperature rises, the unit will select a lower target water temperature for heating. Turning on this function can save energy.

Select the curve in A zone or B zone.





NOTICE!

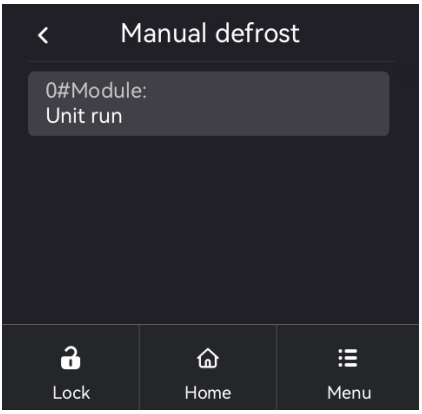
- The preset temperature curves includes cooling and heating.
- For heating, there are eight low temperature curves, eight high temperature curves and one curve generated by the settings.
- For cooling, there are eight low temperature curves, eight high temperature curves and one curve generated by the settings.
- The curves are provided in the form of table, please refer to "6 Appendix".

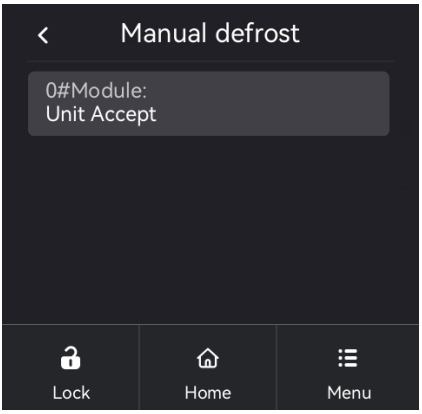
5.5 Manual Defrost

Setting path: **Set Menu > Manual defrost**

The unit has an automatic defrost function during normal operation, but in some cases it may be necessary to use the manual defrost function.

The interface will show the current status of each module.



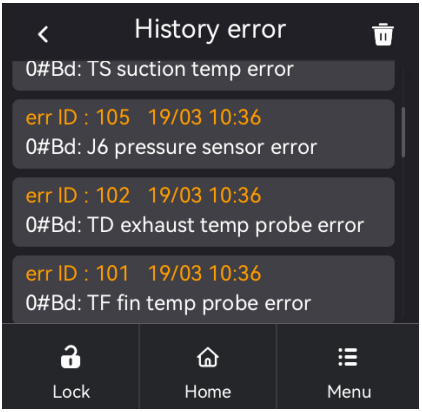


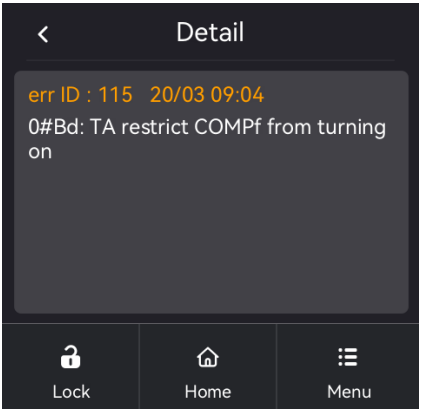
Only when the module is running, the temperature of water and fin meet requirements, the defrost function can be successfully executed by clicking **Manual defrost**, and then the module status will be switched to "Unit run". Otherwise, the module will maintain the original state.

5.6 History Error

Setting path: **Set Menu > History error**

You can view the error code and occurrence time for each history error.





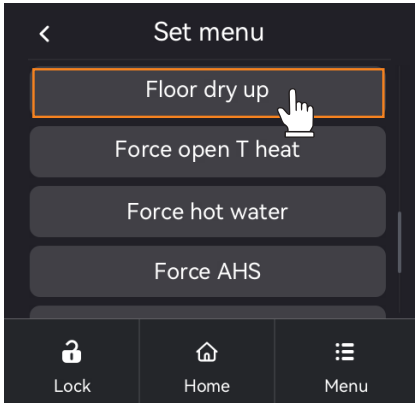
CAUTION!

- Click to clear all the history faults, so please be careful.

5.7 Floor Dry up

Setting path: **Set Menu > Floor Dry up**

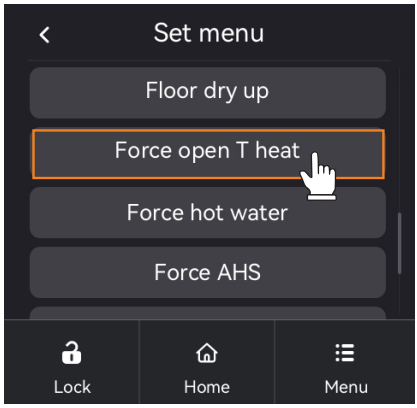
When the wired controller is in two-zone or three-zone control mode and the unit is in standby, the **Floor Dry up Timer** function can be enabled.



5.8 Force Open T Heat

Setting path: **Set Menu > Force open T heat**

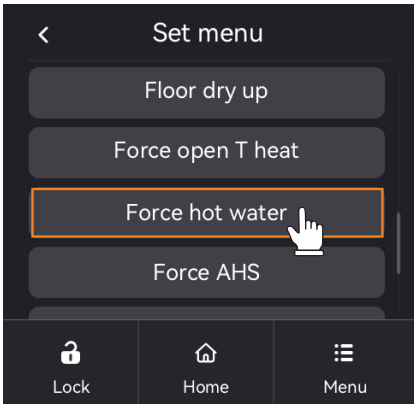
When the system has a cooling or heating demand and the heat pump is in cooling or heating mode, if there is a demand for hot water, the **Force open T heat** function can be used to force the electric heater in the tank to turn on to produce hot water.



5.9 Force Hot Water

Setting path: **Set Menu > Force hot water**

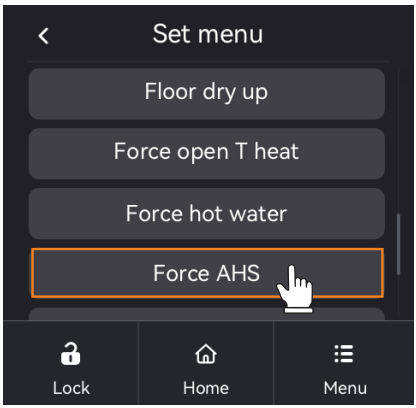
When entering the **Force hot water** mode, the unit turns on the compressor and additional heat source (AHS) to produce hot water until the hot water tank temperature reaches the set value.



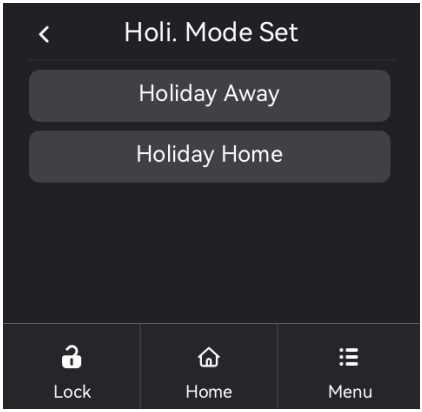
5.10 Force AHS

Setting path: **Set Menu > Force AHS**

In heat or hot water mode, turn on **Force AHS** function can provide heat.



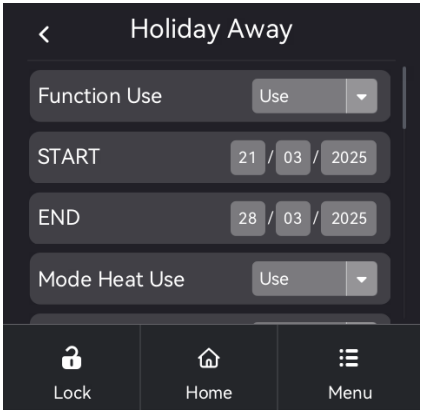
5.11 Holiday Mode Settings



5.11.1 Holiday Away

Setting path: **Set Menu > Holiday Mode Settings > Holiday away**

- Holiday Away mode is used to prevent water loop from freezing while you are away for the winter holidays.
- You can set the time for leaving home and returning home by setting **START** and **END**. When you leave home, the unit enter the mode; When you return home, the unit exit the mode.



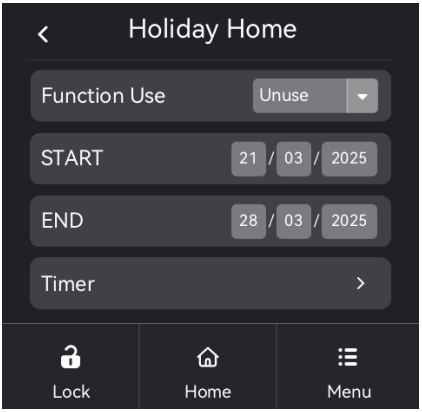
5.11.2 Holiday Home

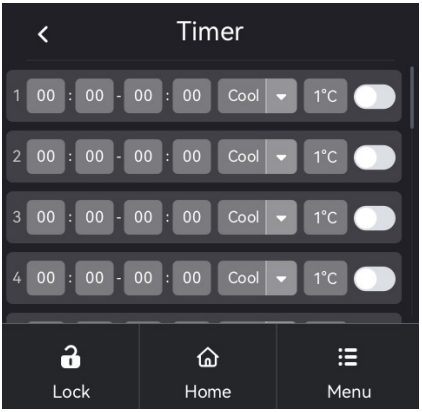
Setting path: **Set Menu > Holiday Mode Settings > Holiday home**

When the **Holiday Home** function is used, the setting of **Timer** function will be disabled. For example, if the **Holiday Home** function is enabled in 2020/7/1-2020/7/7, the regular **Timer** function will be executed before 2020/7/1 and after 2020/7/7, and the **Holiday Home** function is executed in 2020/7/1-2020/7/7.

Set **Function Use** to "Use" to enable the Holiday Home function.

Set **Function Use** to "Unuse" to disable the Holiday Home function.



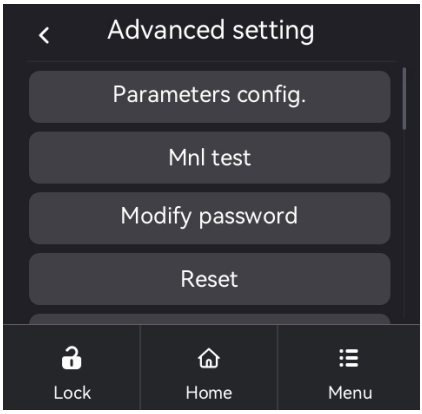


5.12 Advanced Setting

Setting path: **Set Menu > Advanced setting**

For meeting maintenance requirements, authorized engineers or service personnel can enter the advanced setting and input the password to complete some advanced settings.

- Parameters configuration
- Manual test
- Modify password
- Reset
- .....



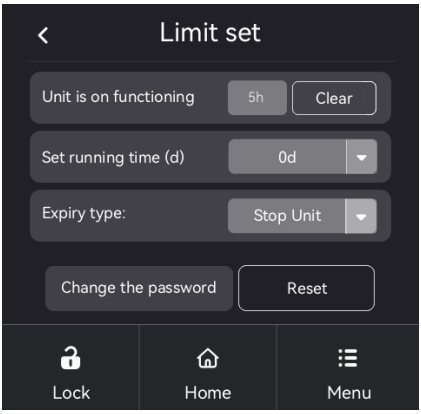
Exit advanced setting

After completing the settings, you need to click **Logout** at the bottom of **Advanced Setting** interface. When you enter **Advanced Setting** inext time, you need to input the password. Otherwise, you don't need to input the password when you enter **Advanced Setting** interface next time.

5.13 System Maintenance Setting

The system maintenance function is used to limit the running time of the unit. When the system maintenance time is up, the unit will be forced to shut down and cannot be turned on again before the system maintenance is lifted.

During the loading screen, press and hold "W", input the correct password to enter the limit set interface.



You can perform the following operations:

- View the time of **Unit is on functioning**; Click **Clear** to clear the unit running time.
- Click **Set running time** to set the running time.
- Click **Expiry type** to set the usage period type.
- Click **Change the password** to modify the password for entering system maintenance setting. Click **Reset** to initialize system maintenance parameters.

6 Operation on SolaX App

6.1 Introduction of SolaXCloud

SolaxCloud is an intelligent management platform for home energy, which integrates energy efficiency monitoring, device management, data security communication and other integrated capabilities. While managing your home energy device, it helps you optimize the efficiency of electricity consumption and improve the revenue of power generation.

6.2 Operation Guide on SolaXCloud App

6.2.1 Downloading and Installing App

Method 1: Scan the QR code below to download the App.

The QR codes are also available on the login page of our official website (www.solaxcloud.com), and the installation guide of the dongle.

Figure 6-1 QR code

Method 2: Search for **SolaXCloud** in Apple Store App or Google Play, and then download the App.

6.2.2 Operation on the SolaXCloud App

For instructions on the related operations, see the online documents on the SolaXCloud App.

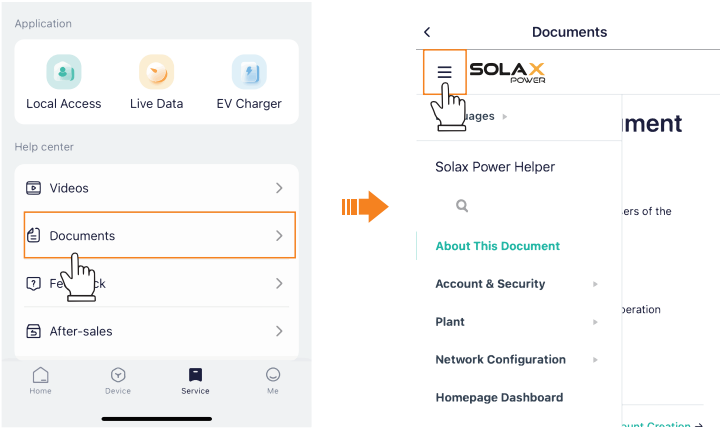


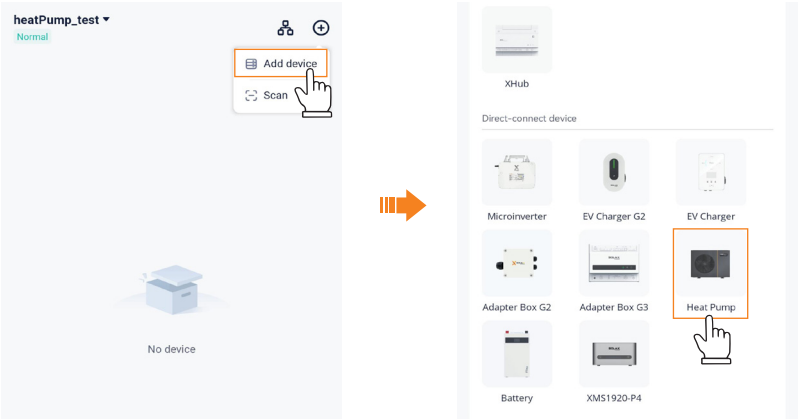
Figure 6-2 Online help on SolaXCloud

NOTICE!

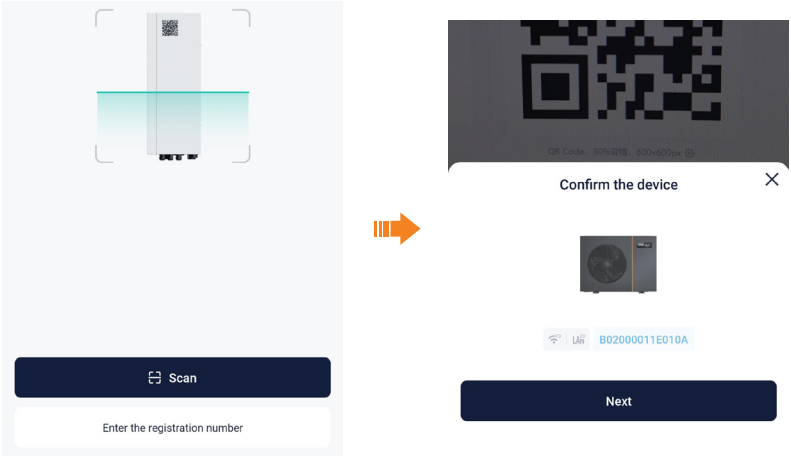
- The screen shots in this chapter correspond to the SolaXCloud App V6.2.0, which might change with version update and should be subject to the actual situations.

6.3 Configuration

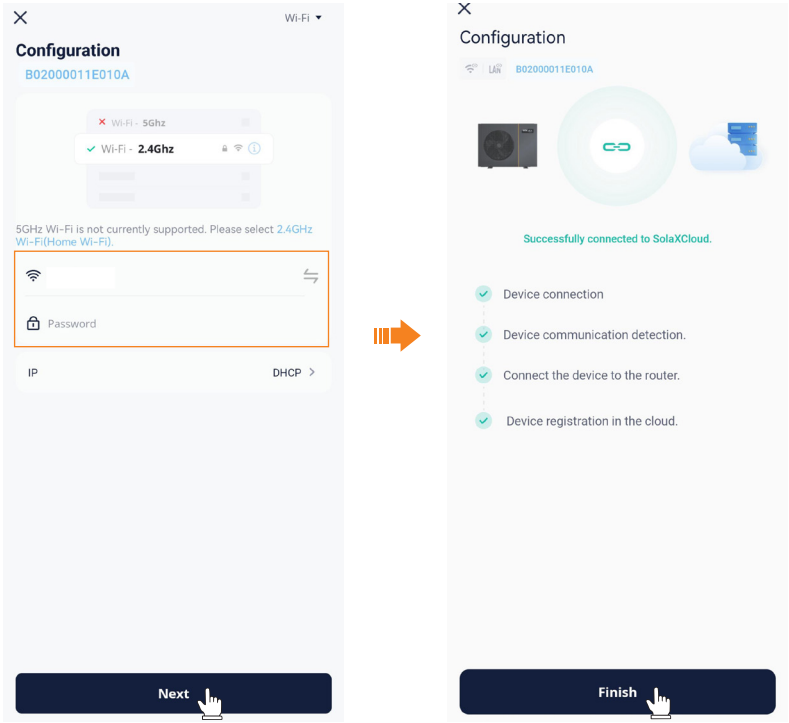
Step 1: Turn to the **Device** page of the App and touch **Add Device**, then select **Heat Pump**.



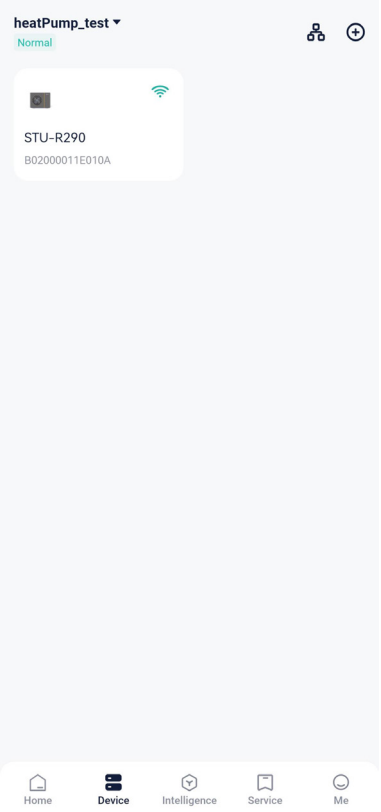
Step 2: Enter the **Configuration** page. **Scan** the QR code in the device or **Enter the registration number**.



Step 3: Choose your home **Wi-Fi network** and enter **Password**, then touch **Next**.



Step 4: After the configuration is succeeded, the device and its connection status will be displayed on the **Device** page.



7 Appendix

Heat low temperature curve

Ambient Temperature (TA)	≤-20	-19	-18	-17	-16	-15	-14	-13	-12	-11	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0
CURVE#1.L	38	38	38	38	38	37	37	37	37	37	37	36	36	36	36	36	36	35	35	35	35
CURVE#2.L	37	37	37	37	37	36	36	36	36	36	36	35	35	35	35	35	35	34	34	34	34
CURVE#3.L	36	36	36	35	35	35	35	35	35	34	34	34	34	34	34	33	33	33	33	33	33
CURVE#4.L	35	35	35	34	34	34	34	34	34	33	33	33	33	33	33	32	32	32	32	32	32
CURVE#5.L	34	34	34	33	33	33	33	33	33	32	32	32	32	32	32	31	31	31	31	31	31
CURVE#6.L	32	32	32	32	31	31	31	31	31	31	31	31	30	30	30	30	30	30	30	30	29
CURVE#7.L	31	31	31	31	30	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29	28
CURVE#8.L	29	29	29	29	28	28	28	28	28	28	28	28	27	27	27	27	27	27	27	27	26
Ambient Temperature (TA)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	≥20	
CURVE#1.H	35	35	34	34	34	34	34	34	33	33	33	33	33	33	32	32	32	32	32	32	
CURVE#2.H	34	34	33	33	33	33	33	33	32	32	32	32	32	32	31	31	31	31	31	31	
CURVE#3.H	32	32	32	32	32	32	31	31	31	31	31	31	30	30	30	30	30	30	29	29	
CURVE#4.H	31	31	31	31	31	31	30	30	30	30	30	30	29	29	29	29	29	29	28	28	
CURVE#5.H	30	30	30	30	30	30	29	29	29	29	29	29	28	28	28	28	28	28	27	27	
CURVE#6.H	29	29	29	29	29	29	28	28	28	28	28	28	27	27	27	27	27	27	26	26	
CURVE#7.H	28	28	28	28	28	28	27	27	27	27	27	27	26	26	26	26	26	26	25	25	
CURVE#8.H	26	26	26	26	26	26	26	25	25	25	25	25	25	25	25	24	24	24	24	24	

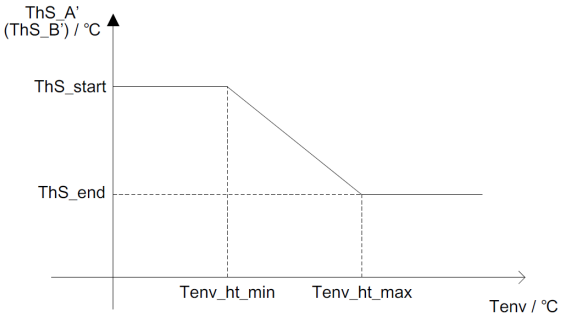
Figure 7-3 Heat low temperature curve (Unit: °C)

Heat high temperature curve

Ambient Temperature (TA)	≤-20	-19	-18	-17	-16	-15	-14	-13	-12	-11	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0
CURVE#1.L	55	55	55	55	54	54	54	54	54	54	54	54	53	53	53	53	53	53	53	53	52
CURVE#2.L	53	53	53	53	52	52	52	52	52	52	52	52	51	51	51	51	51	51	51	51	50
CURVE#3.L	52	52	52	52	51	51	51	51	51	51	51	51	50	50	50	50	50	50	50	50	49
CURVE#4.L	50	50	50	50	49	49	49	49	49	49	49	49	48	48	48	48	48	48	48	48	47
CURVE#5.L	48	48	48	48	47	47	47	47	47	47	47	47	46	46	46	46	46	46	46	46	45
CURVE#6.L	45	45	45	45	44	44	44	44	44	44	44	44	43	43	43	43	43	43	43	43	42
CURVE#7.L	43	43	43	43	42	42	42	42	42	42	42	42	41	41	41	41	41	41	41	41	40
CURVE#8.L	40	40	40	40	39	39	39	39	39	39	39	39	38	38	38	38	38	38	38	38	37
Ambient Temperature (TA)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	≥20	
CURVE#1.H	52	52	52	52	52	52	52	51	51	51	51	51	51	51	51	50	50	50	50	50	
CURVE#2.H	50	50	50	50	50	50	50	49	49	49	49	49	49	49	49	48	48	48	48	48	
CURVE#3.H	49	49	49	49	49	49	49	48	48	48	48	48	48	48	48	47	47	47	47	47	
CURVE#4.H	47	47	47	47	47	47	47	46	46	46	46	46	46	46	46	45	45	45	45	45	
CURVE#5.H	45	45	45	45	45	45	45	44	44	44	44	44	44	44	44	43	43	43	43	43	
CURVE#6.H	42	42	42	42	42	42	42	41	41	41	41	41	41	41	41	40	40	40	40	40	
CURVE#7.H	40	40	40	40	40	40	40	39	39	39	39	39	39	39	39	38	38	38	38	38	
CURVE#8.H	37	37	37	37	37	37	37	36	36	36	36	36	36	36	36	35	35	35	35	35	

Figure 7-4 Heat high temperature curve (Unit: °C)

The heat production curve 9 is an automatic setting curve (linear curve generated by setting parameters), which is calculated as follows:



Tenv_ht_max: MAX([Curve 9 heating loop temperature 1], [Curve 9 heating loop temperature 2])

Tenv_ht_min: MIN([Curve 9 Heating Circle Temperature 1], [Curve 9 Heating Circle Temperature 2])

ThS_end: MIN([Curve 9 Heat Out Temperature 2], [Curve 9 Heat Out Temperature 1])

ThS_start: MAX([Curve 9 Heat Out 2], [Curve 9 Heat Out 1])

NOTICE!

- MAX(A,B) is the larger of A and B.
- MIN(A,B) is the smaller value of A and B.

Cool low temperature curve

Ambient Temperature (TA)	-10≤TA<15	15≤TA<22	22≤TA<30	30≤TA
CURVE#1.L	16	11	8	5
CURVE#2.L	17	12	9	6
CURVE#3.L	18	13	10	7
CURVE#4.L	19	14	11	8
CURVE#5.L	20	15	12	9
CURVE#6.L	21	16	13	10
CURVE#7.L	22	17	14	11
CURVE#8.L	23	18	15	12

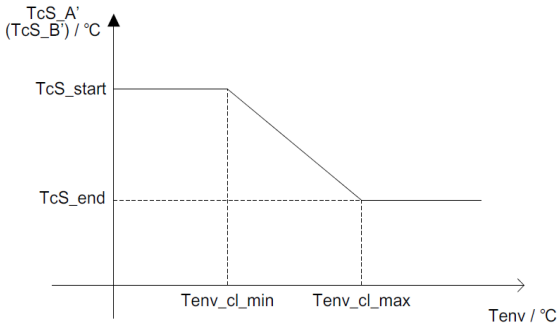
Figure 7-5 Cool low temperature curve (Unit: °C)

Cool High temperature curve

Ambient Temperature (TA)	-10≤TA<15	15≤TA<22	22≤TA<30	30≤TA
CURVE#1.H	20	18	17	16
CURVE#2.H	21	19	18	17
CURVE#3.H	22	20	19	17
CURVE#4.H	23	21	19	18
CURVE#5.H	24	21	20	18
CURVE#6.H	24	22	20	19
CURVE#7.H	25	22	21	19
CURVE#8.H	25	23	21	20

Figure 7-6 Cool High temperature curve (Unit: °C)

The heat production curve 9 is an automatic setting curve (linear curve generated by setting parameters), which is calculated as follows:



Tenv_cl_max: MAX([Curve 9 Cooling Ring Temperature 1], [Curve 9 Cooling Ring Temperature 2])

Tenv_cl_min: MIN([Curve 9 Cooling Ring Temperature 1], [Curve 9 Cooling Ring Temperature 2])

TcS_end: MIN([Curve 9 Cooling Out Temperature 1], [Curve 9 Cooling Out Temperature 2])

TcS_start: MAX([Curve 9 Cooling Out Temperature 1], [Curve 9 Cooling Out Temperature 2])

NOTICE!

- MAX(A,B) is the larger of A and B.
- MIN(A,B) is the smaller value of A and B.

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Warranty Registration

Please visit the website: https://www.solaxcloud.com/user-center/ to complete the warranty registration. For more detailed warranty terms, please visit SolaX official website: www.solaxpower.com.

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