Wired Controller
Operation & Installation Manual

YR-E16A

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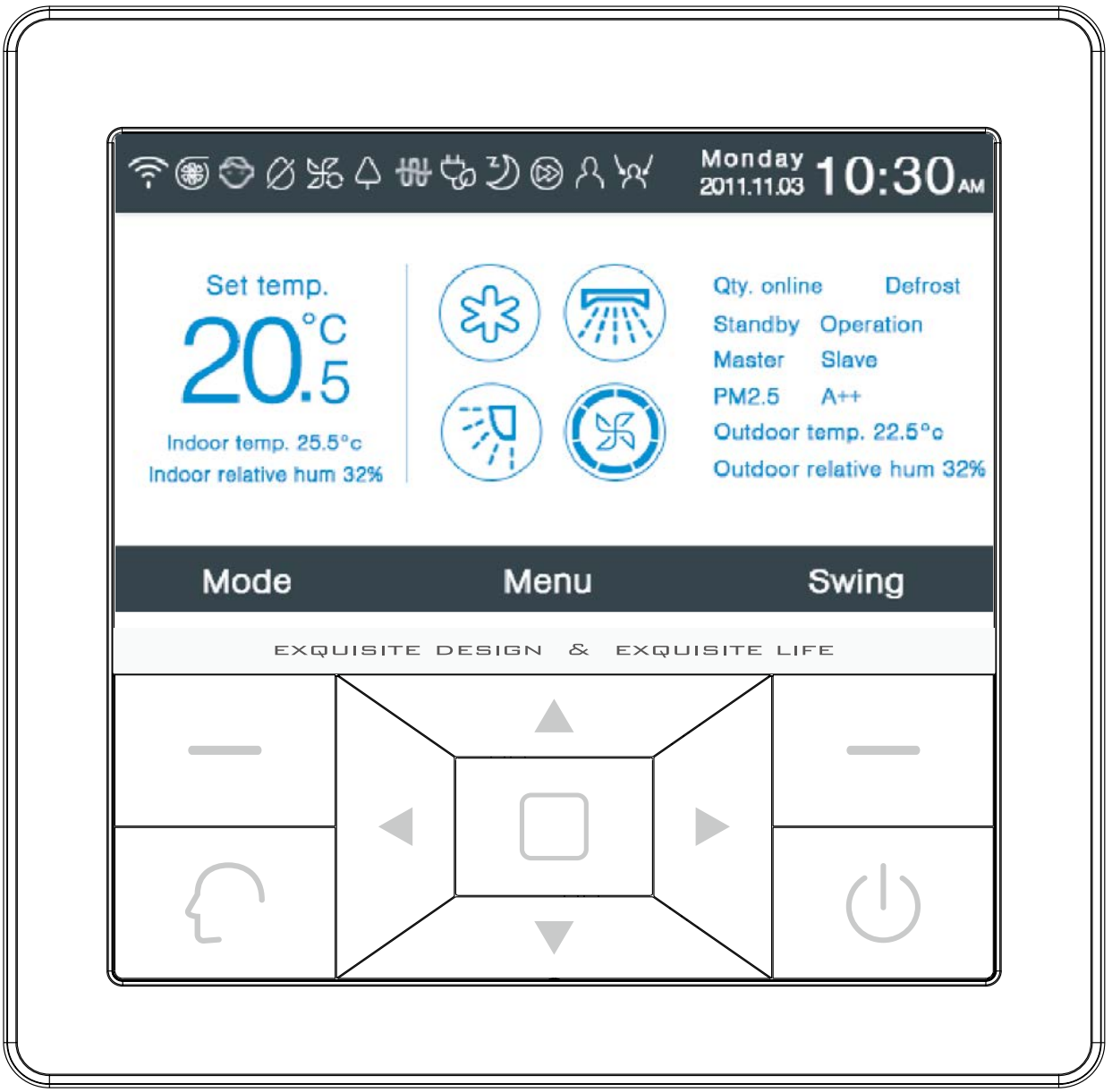
- Please read this operation manual before using the air conditioner.
- Please keep this manual carefully and safely.

Parts and Functions

Interface Display



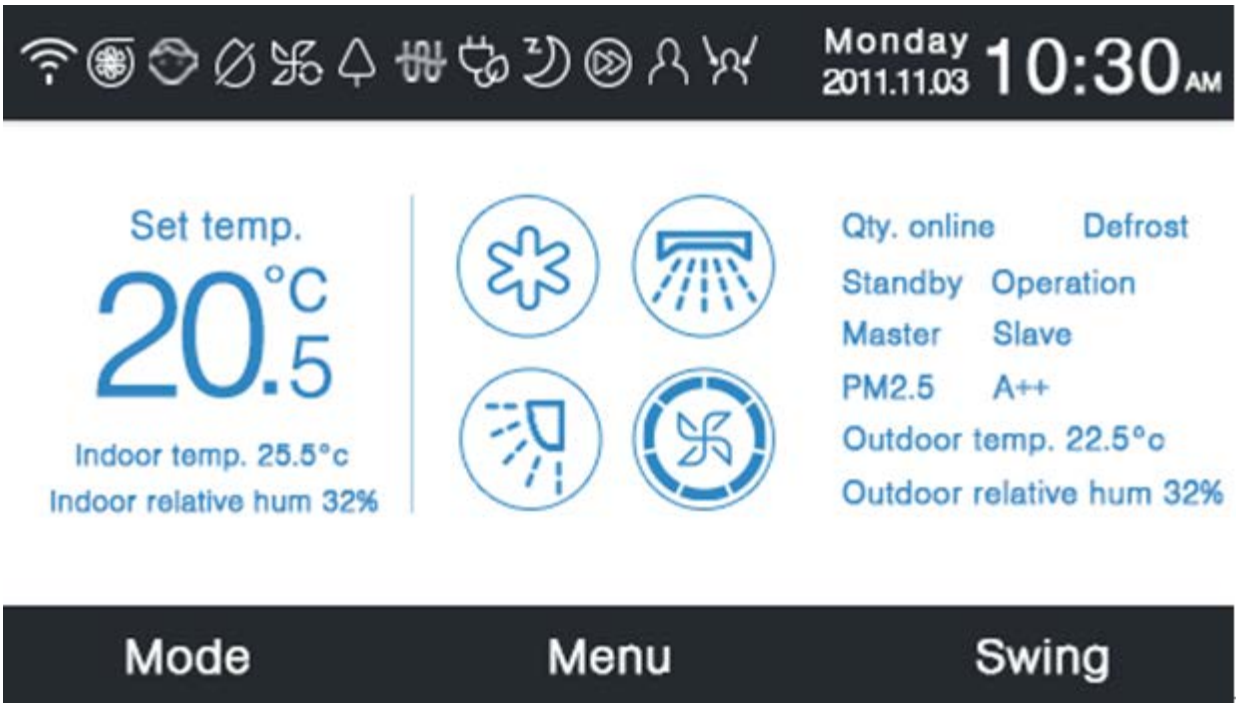
Parts and Functions

Key

Left	According to the prompt message, mode key in the main interface, return key in other interface.
	Intelligent key, press it to intelligent mode directly.
	Left/Right key, fan speed adjustment key, swing angle adjustment key in the main interface, direction adjustment key in other interface.
	Up/Down key, temp. adjustment key in the main interface, shift direction and value adjustment key in other interface.
	Menu key in the main interface, enter key in other interface.
Right	Swing key in the main interface, back to the main interface through the key in other interface. When the swing function is invalid, press the key to adjust fan speed.
	On/Off key

Parts and Functions

Main Interface Display



Icon Instruction:

	Quiet function.
	Turbo function.
	Child lock function. Pressing Left and Right keys at the same time in the main interface for 5s can set or cancel the function.
	Forced defrost function.

Parts and Functions

	Ventilation function
	Health function.
	Quick start function.
	Night quiet function, the function operations only in the night when it is set.
	Electrical heating.
	Health airflow.
	Health airflow up.
	Health airflow down.
	Sleep function.
	Error code function, the icon will display in the main interface when the wired controller or the indoor unit linked to controller is malfunctioning.

Parts and Functions

	Schedule.
	Filter.
	Temp. ECO.
	Motion sensing.
	Motion sensing follow.
	Motion sensing evade.
	Date, week, clock display area, the type of date can be changed through the time function.

Parts and Functions

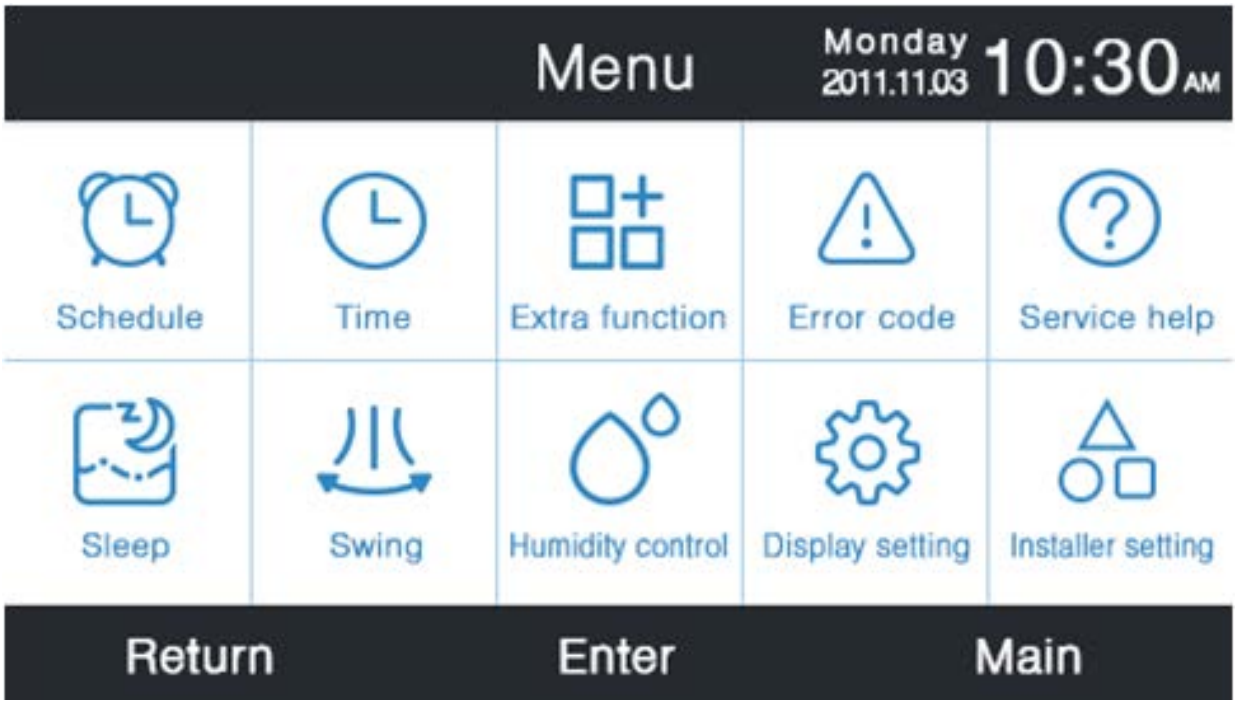
<table>
<tr><td>
</td><td>Temperature display area, set temperature can be adjusted by Up/Down key. If energy saving function is not set, the range of set temperature is 16°C-30°C(60°F-86°F),or the adjustment range will be limited. The default lowest temp. of cooling/dry mode is 23°C(74°F), the default highest temp. of heating mode is 26°C (78°F).The adjustment step is 1°F when temp. is displayed in Fahrenheit,the range of set temp. is also limited by energy saving function.</td></tr>
<tr><td>
</td><td>Indoor temperature display area, the value may be from the indoor unit or the wired controller, the display of this area can also be canceled through function setting.</td></tr>
<tr><td>
</td><td>Indoor humidity display area.</td></tr>
<tr><td> </td><td>Mode.
<table>
<tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr>
<tr><td>Intelligent</td><td>Cooling</td><td>Heating</td><td>Fan</td><td>Dry</td></tr>
</table>
The mode cycle depends on mode setting in basic setting function.</td></tr>
</table>

Parts and Functions

	Up/Down swing and Left/Right swing function.
	Fan speed, the cycle type of fan speed can be set through basic setting.
Qty. online	The quantity of indoor units linking to the wired controller.
Defrost	Defrost function.
Standby	The state of indoor unit, this area also can display “operation”.
Master	The state of wired controller, this area also can display”slave”. “Master” means the wired controller major controller, “Slave” means the wired controller only can control parts of functions.
PM2.5 A++	Reserved function.
Outdoor temp. 22.5°c	Outdoor temperature display area. It can be set whether display or not.
Outdoor relative hum 32%	Outdoor humidity display area. It can be set whether display or not.
Above functions are only valid for parts of model.	

Operation

Press menu key in the main interface to menu interface.



Schedule

Schedule concludes segmented timing and random timing, it can be selected through displaying setting.

Segmented timing

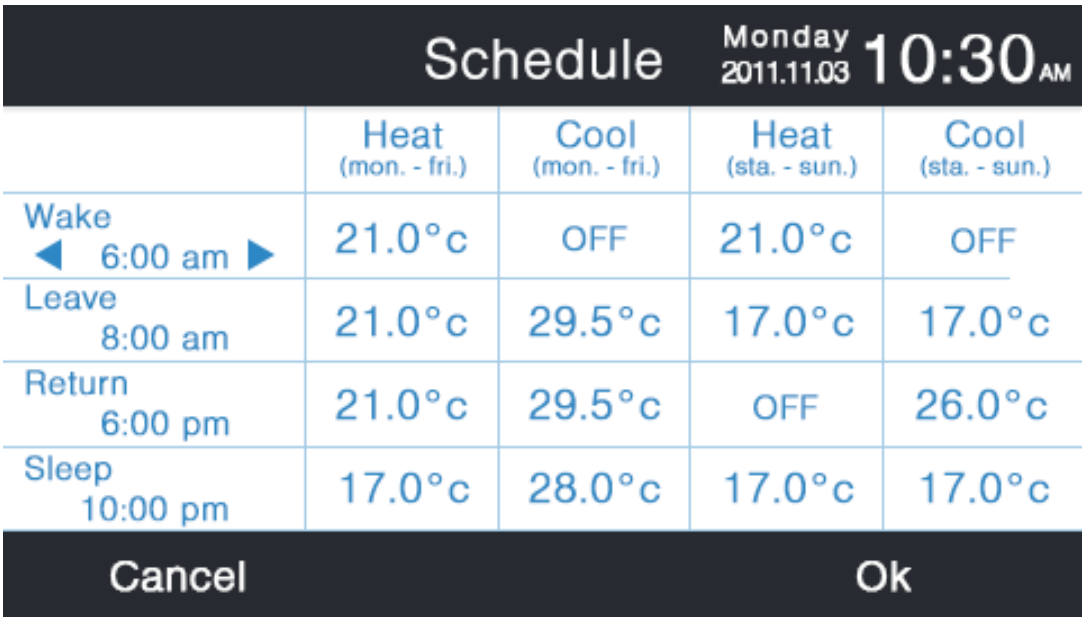
① The segmented timing will be operated only in cooling or heating mode. Time can be adjusted in 24 hours, the default format of time display is 12-hour. Temperature can be adjusted from 60°F to 86°F (16°C to 30°C), ”OFF” also can be set meaning power off.

Operation

② Firstly, the left and right arrows flash beside the time of wake-up, then press enter key ,the arrows will be static, continue to press left or right key to adjust time and enter key to confirm. Four direction keys can move the arrow when they flash.

③ Press ok key to confirm the setting according the prompt below the screen.

④ The default value is the same to the figure below.

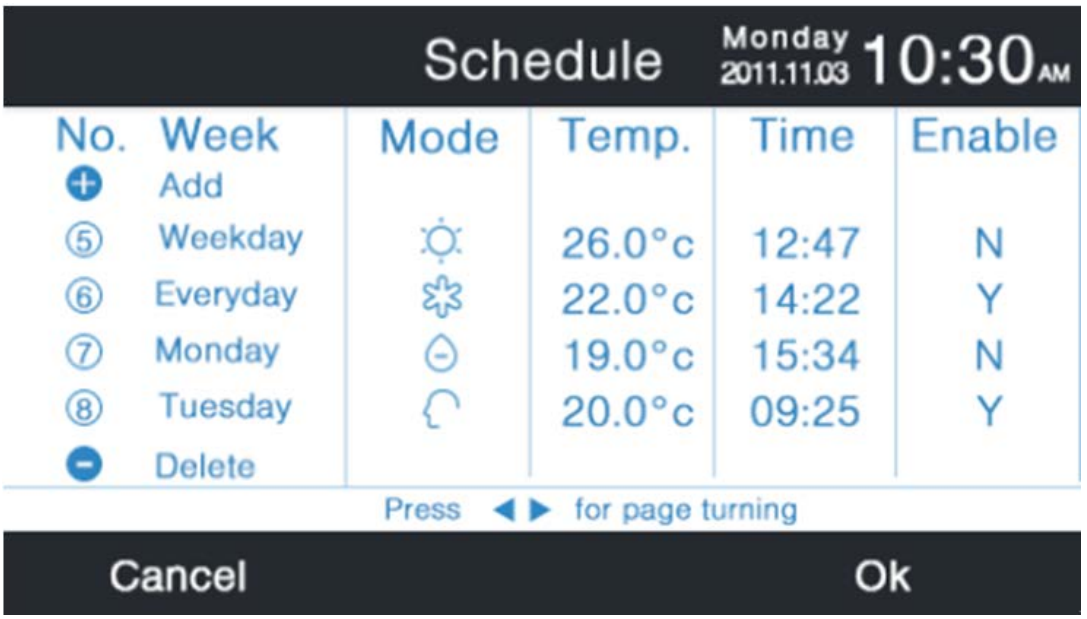


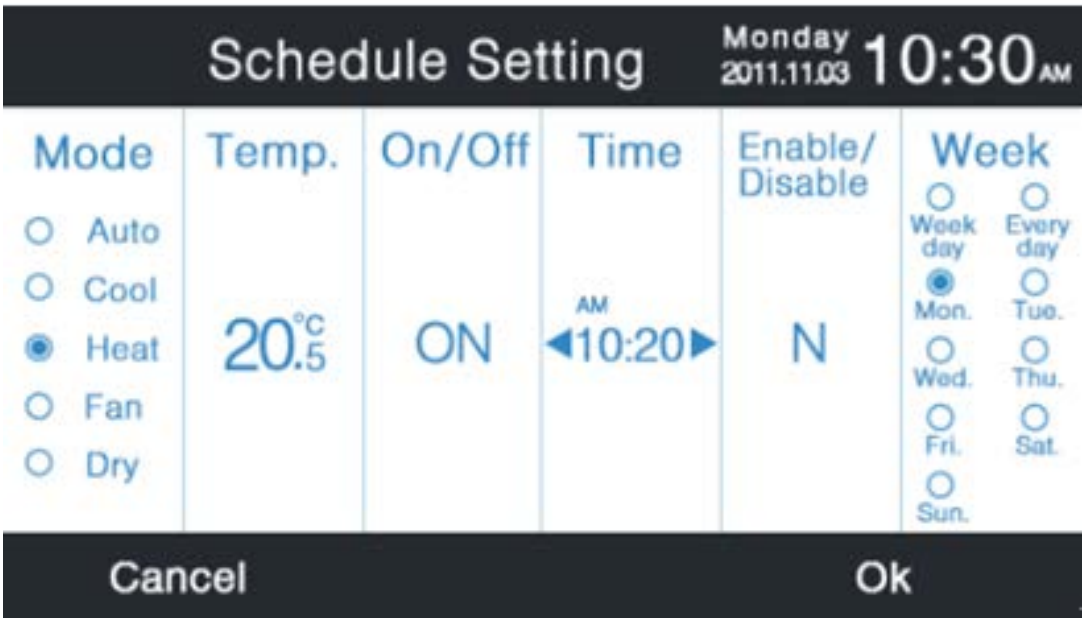
⑤ Keep pressing Left/Right key to accelerate time adjustment.

Operation

Random timing

① When ⊕ flashes in the schedule adding interface, press enter key to the setting interface.



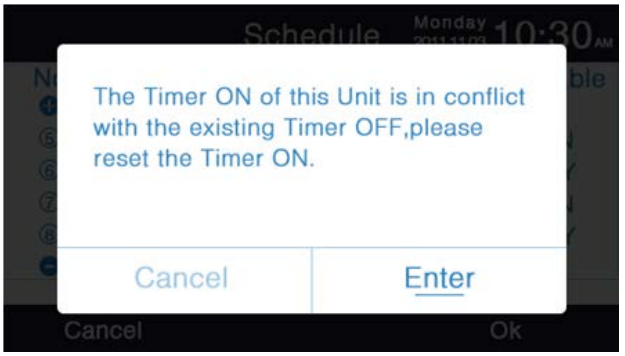


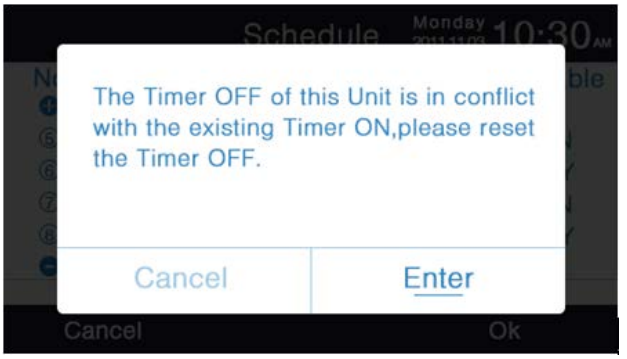
Operation

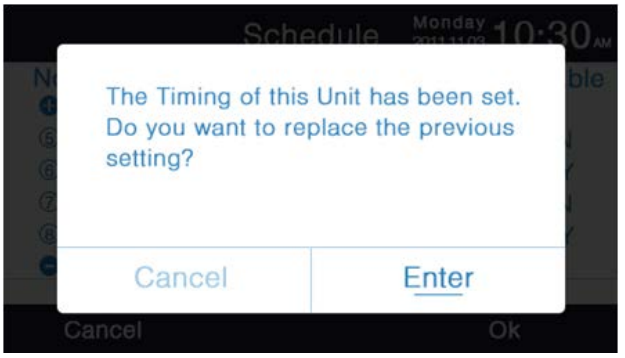
② Intelligent mode, 24°C(76°F), power off, 12:00, enable and weekday is default.

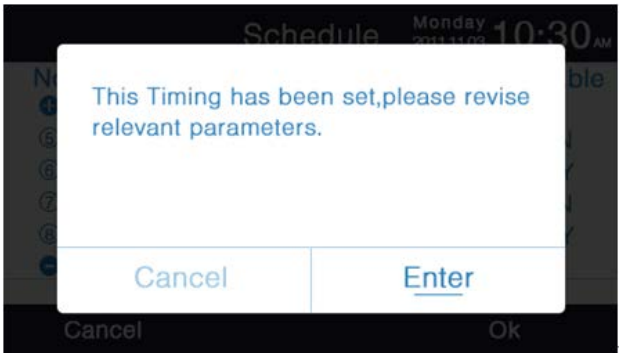
③ If the schedule that are setting has been set before, the interface will prompt you that the schedule is repetitive , you need to cancel it or revise relevant parameters. Press Up/ Down key or Left/Right key to shift between “Cancel” and “Ok.”

④ If the time of timer on you are setting is conflict with the existing timer off, the interface will prompt you to change the time. In the same way ,the time of timer off need to be different from timer on. In summary, if the later setting is conflicted with the previous, prompting interface will display.









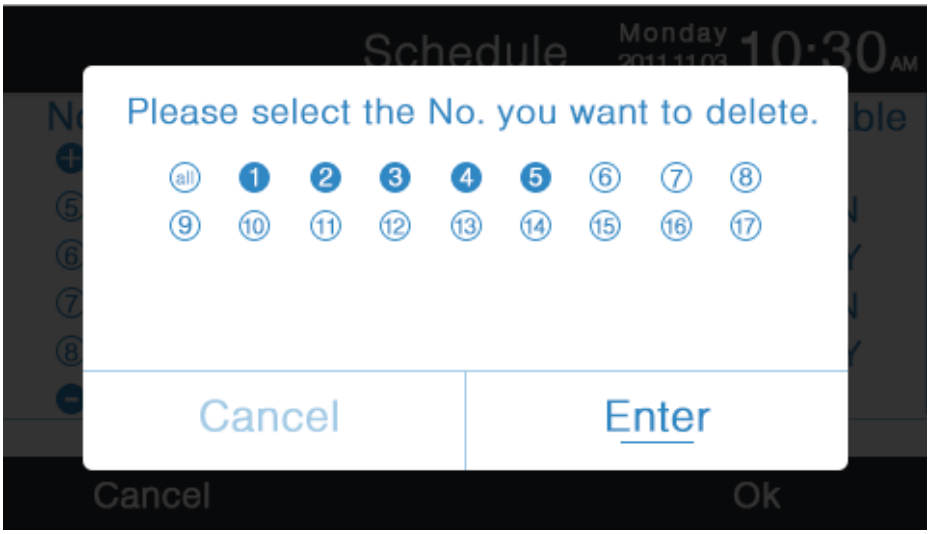
Operation

⑤ After setting, press Ok to confirm the timing and back to schedule interface simultaneously.

⑥ In schedule display interface, mode icon in blue color means timer on and the gray mode icon means timer off. Press Up/Down key to select different schedule, Left/Right key to turn page. When the number flashes, press enter key to display the setting interface ,it can be revised.

⑦ Celsius and Fahrenheit can be shifted, 12-hour and 24-hour also can be shifted.

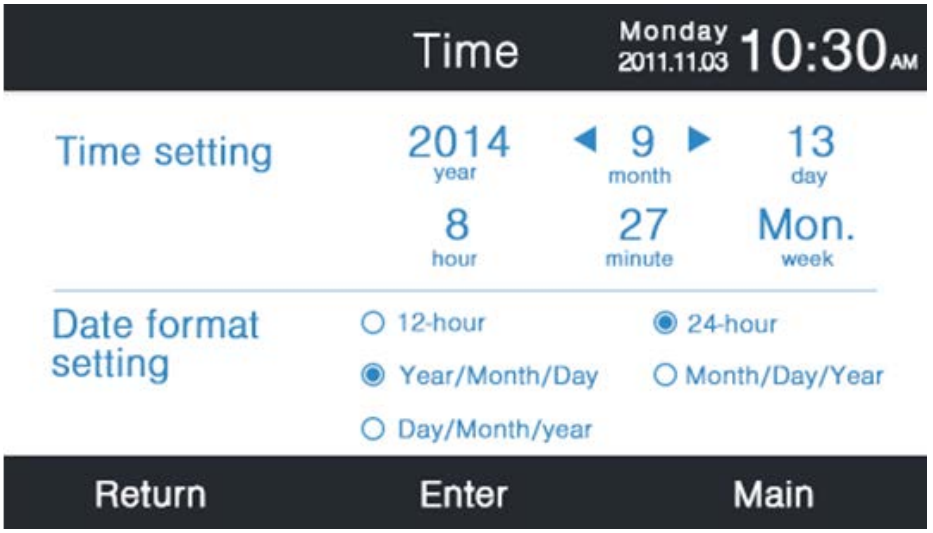
⑧ Press enter key to delete schedule when ⊖ flashes. The delete interface will display and then choose the number you want to delete through the direction keys and enter key.



Time

When time icon is flashing, press enter key to the time interface.

Operation



① The default date is December 12th,2014,the time is 12:00PM and the week is Friday. the adjusting way is the same to schedule time adjusting.

② The default format is 12-hour and Month/Day/Year.

Extra Function

Press enter key to the setting interface when the icon is flashing in the menu.

① The default information for each function is decided by indoor unit but child lock. Child lock function is off in default.

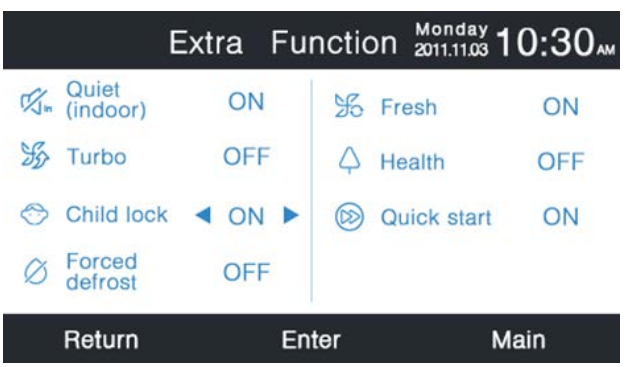
② Move the arrows through Up/Down or Left/Right key. Arrows will display statically when you press enter key, then press Left/Right key to choose “ON” or ”OFF”. After setting, press Up/Down key to confirm and move to the above or underneath function directly or press enter key to set again.

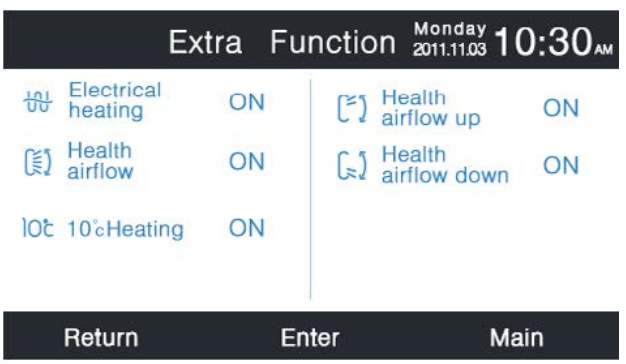
Operation

③ The corresponding function icon will display in the main interface when set any function in extra function.

④ Some functions are reserved for parts of models, the information is gray. Turbo and Quiet function is conflicting, the later setting will cancel the former. The same to health airflow up and down.

⑤ When child lock is set ON, the interface skips to the main automatically , the function also can be set or canceled through pressing Left and Right keys together for 5s in the main interface.





Error Code

Press enter key to the error code inquiring interface when the icon is flashing in the menu.

① Up/Down key to choose the unit. Left/Right key use for page turning.

② One current error information displays only and thirty five error history information display at most for each unit.

Operation

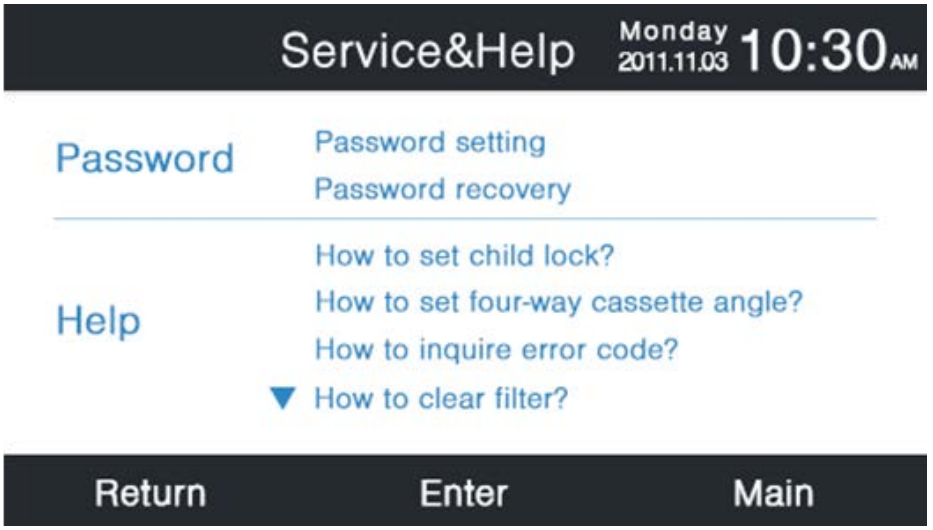
③ Press Left and Right keys together for 5s to clear away the error history information of the current unit. Press Up and Down keys together for 5s to clear away the error history information of all the units on line. The combination method is only valid in error interface.

Service Help

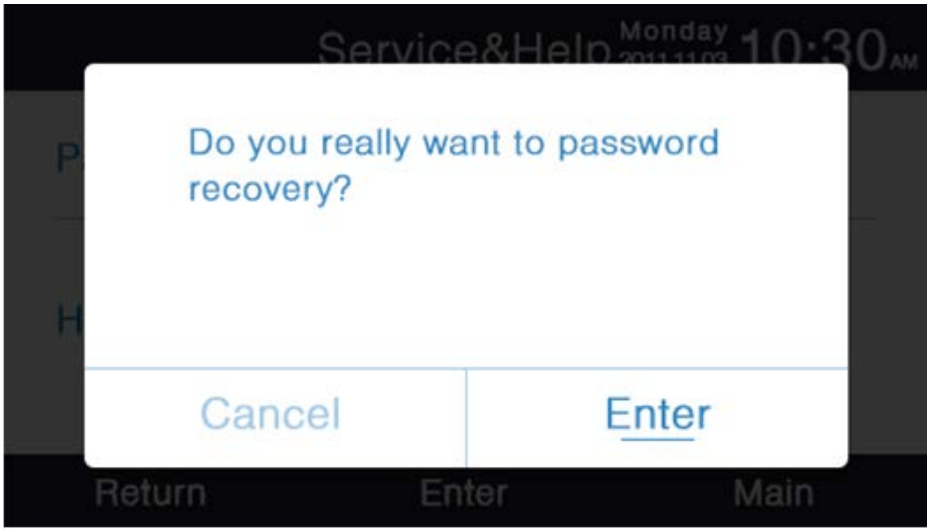
Press enter key to the service help interface when the icon is flashing in the menu.

① Password function concludes password setting and recovery, the default code is 841226. When finished code input, press direction key to cancel or enter, then press enter key to confirm, or continue to press enter key to confirm after inputting six numbers.

Operation



② If password recovery is set, the interface will prompt as follows, then cancel or enter.



③ Help function is reserved for parts of models. The information is gray when it is invalid.

Sleep

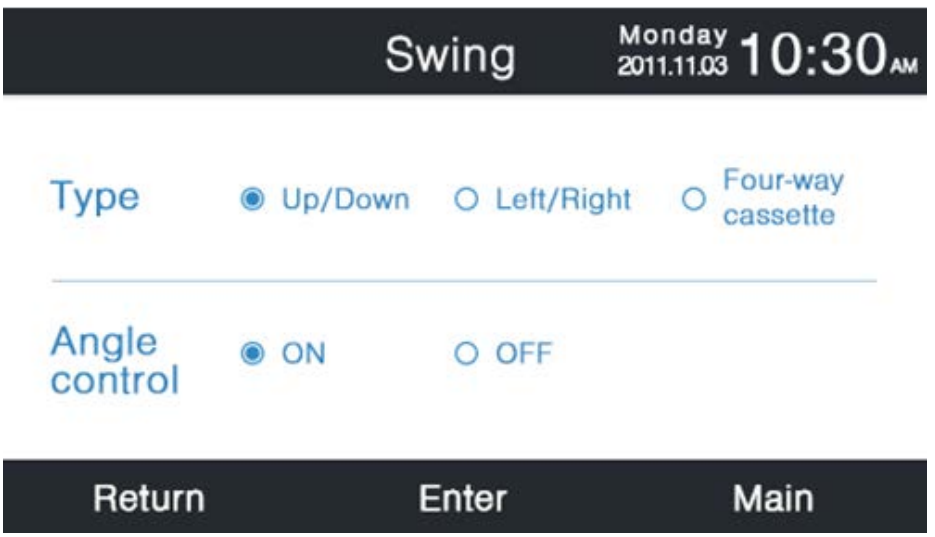
The function is reserved for some models.

Operation

Swing

Press enter key to the interface when swing icon is flashing in the menu. Code is needed.

① The default information of swing type and angle control is decided by indoor unit. When type and angle control are set in a different combination, the main interface will display corresponding icon and then swing function will be refresh by indoor unit at last.



② If some combination is limited, the information will be gray.

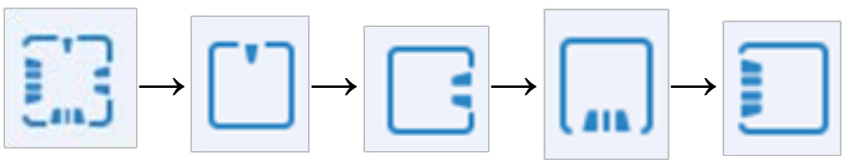
③ If no swing is set, swing key in the main interface is used for adjusting fan speed.

④ If Up/Down and Left/Right swing with no angle is set, swing key in the main interface controls open and close of swing.

Operation

⑤ If Up/Down and Left/Right swing with angle is set, the swing icon will flash after pressing swing key in the main interface, then press Left/Right key to adjust angle. Swing key is used for shifting Up/Down swing and Left/Right swing. There is no operation for 5s after swing icon flashes, the icon will be static indicating quitting adjustment.

⑥ If indoor unit is four-way cassette model, swing function in the menu is invalid. Swing key in the main interface is used for shifting deflector, the order is four deflectors→deflector 1→deflector2→deflector3→deflector4→four deflectors. The deflector flashes for 5s when it is selected ,then press Left/ Right key to adjust swing angle of this deflector at the same time.



⑦ Angle definition:

Up/Down swing:

1stands for angle 1,2 stands for angle 2,3 stands for angle 3,4 stands for angle 4,5 stands for angle 5,1 and 2 stand for health airflow up,4 and 5 stands for health airflow down, the circulation of 1→2→3→4→5→4→3→2→1 stand for automatic swing.

Operation

Up/Down swing will be changed in sequence as follows: angle 1→angle 2→angle 3→angle 4→angle 5→automatic swing→angle 1.

Left/Right swing:
Left/right swing can be adjusted as per the user's requirement. The circulation of 1→2→3→4→5→4→3→2→1 stands for automatic swing.

⑧ The default angle in different mode as follows:
Up/Down swing

	Intelligent	Heating	Cooling	Dry	Fan
Angle	Angle 1	Angle 5	Angle 1	Angle 1	Angle 1

Operation

Left/Right swing

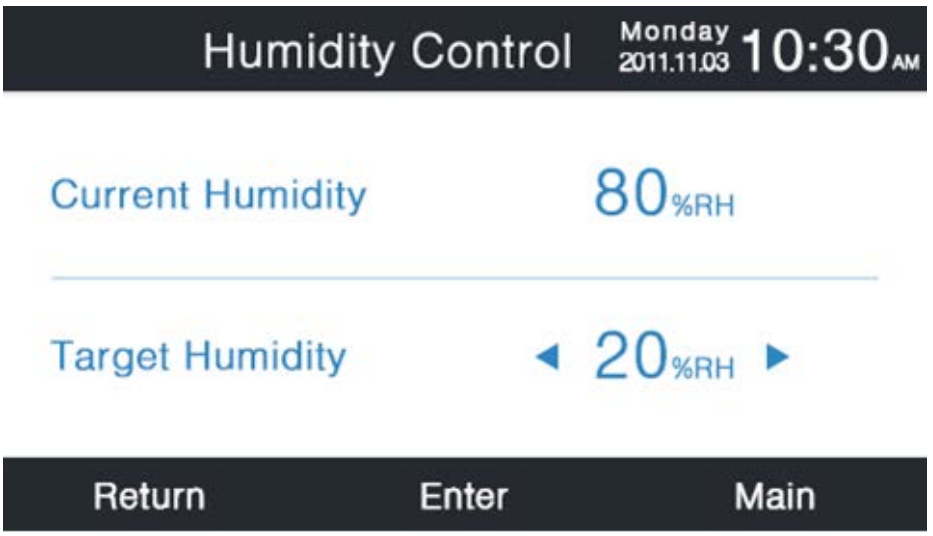
	Intelligent	Heating	Cooling	Dry	Fan
Angle	Angle 1	Angle 1	Angle 1	Angle 1	Angle 1

Four-way cassette

	Intelligent	Heating	Cooling	Dry	Fan
Deflector	Four deflectors	Four deflectors	Four deflectors	Four deflectors	Four deflectors
Angle	Angle 3	Angle 5	Angle 3	Angle 3	Angle 3

Humidity Control

Press enter key to the humidity control interface when the icon is flashing in the menu. The function is reserved for some models. When it is invalid, the icon is gray.



Operation

① Current humidity is decided by indoor unit and can not be adjusted through wired controller.

② Target humidity can be adjusted. Press enter key to make arrows static, then adjust the humidity by Left/Right key, press enter key to confirm at last.

Display Setting

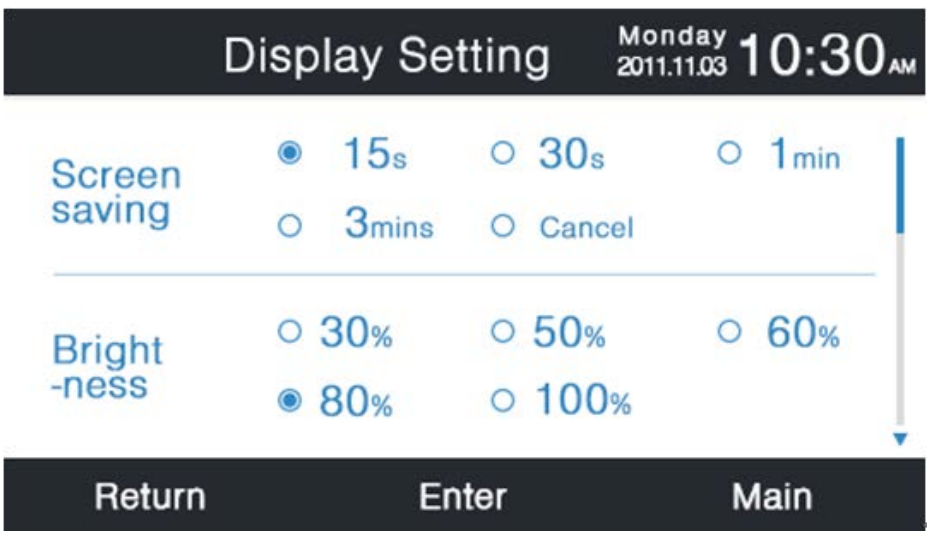
Press enter key to the next interface when the icon is flashing in the menu.

① Screen saving

There are five kinds of screen saving time. The time means that how long screen light continues after no operation.”Cancel” means that the screen light will never douse.

② Brightness

The function is used for controlling the light intensity.



Operation

Language

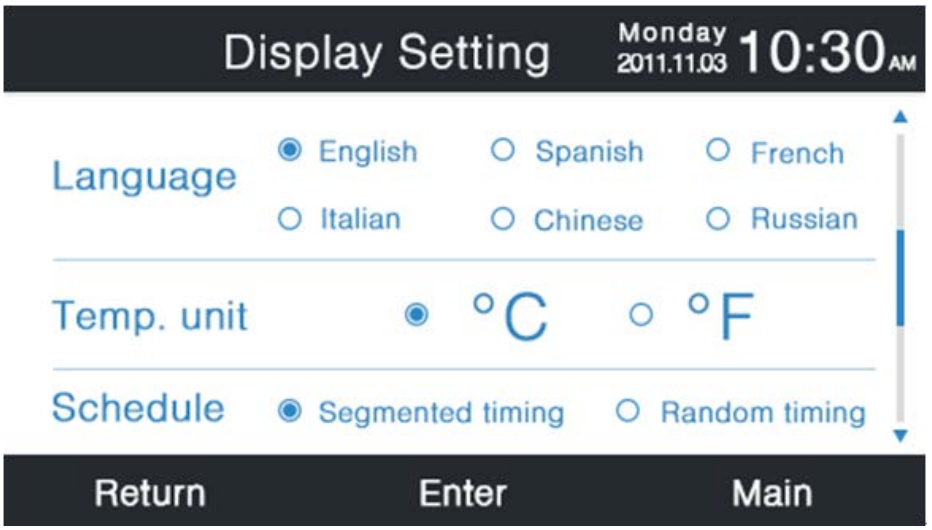
It is only valid for some models.

Temp. unit

Celsius and Fahrenheit can be selected through the function.

Schedule

Segmented timing and Random timing can be set.



Indoor temperature display

If the function turns on, the main interface will display indoor temperature. In opposite, the main interface will not display indoor temperature.

Indoor humidity display

It is only valid for some models.

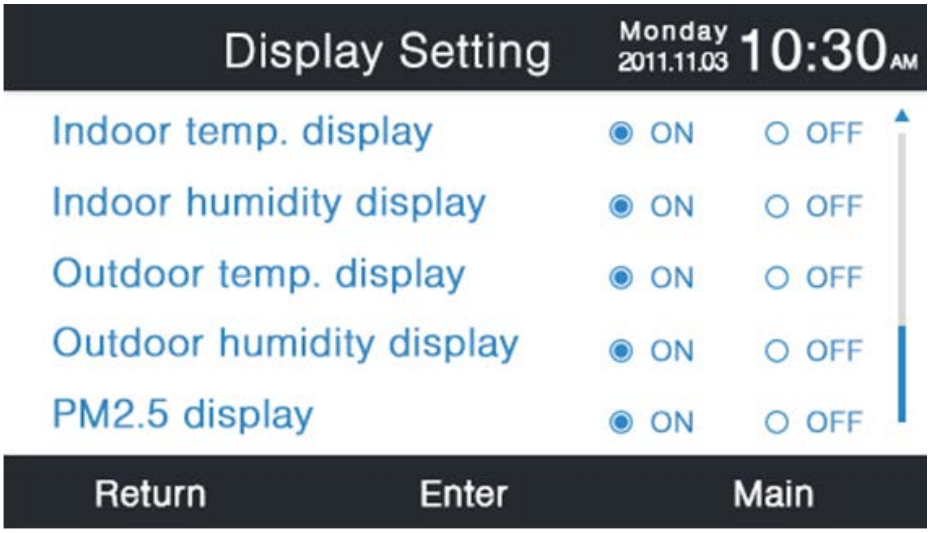
Outdoor temperature display

It is only valid for some models.

Outdoor humidity display

It is only valid for some models.

Operation

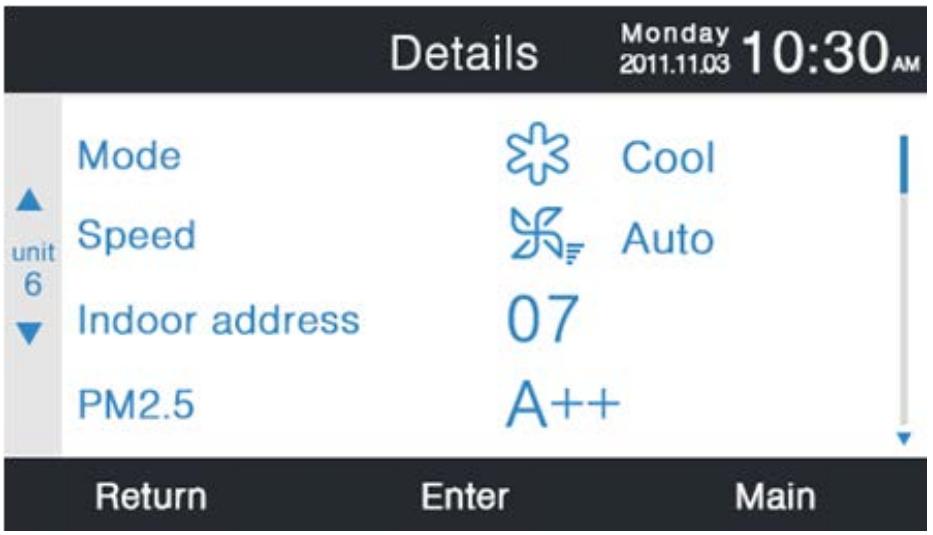


Installer Setting

Press enter key to enter the function when the icon is flashing in the menu.

Details

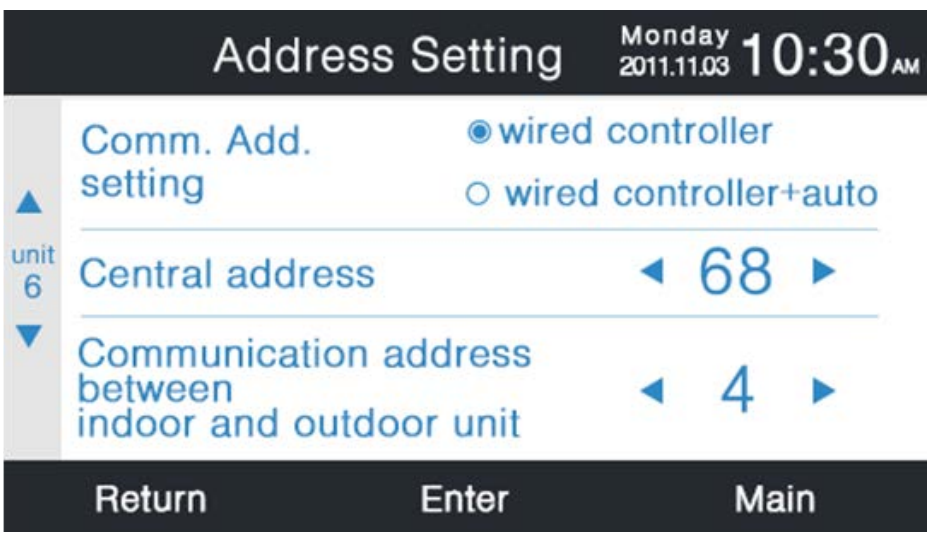
The corresponding parameter information will be displayed in this function. Up/ Down key to adjust unit number, Left/Right key to turn page. Some information is gray that can not be inquired.



Operation

Address setting

The default entering code is 841226.The communication address can be set through two ways, one is wired controller set, the other is wired controller and automatic competing set. Central address and communication address between indoor and outdoor unit both can be adjusted according to practical situation.



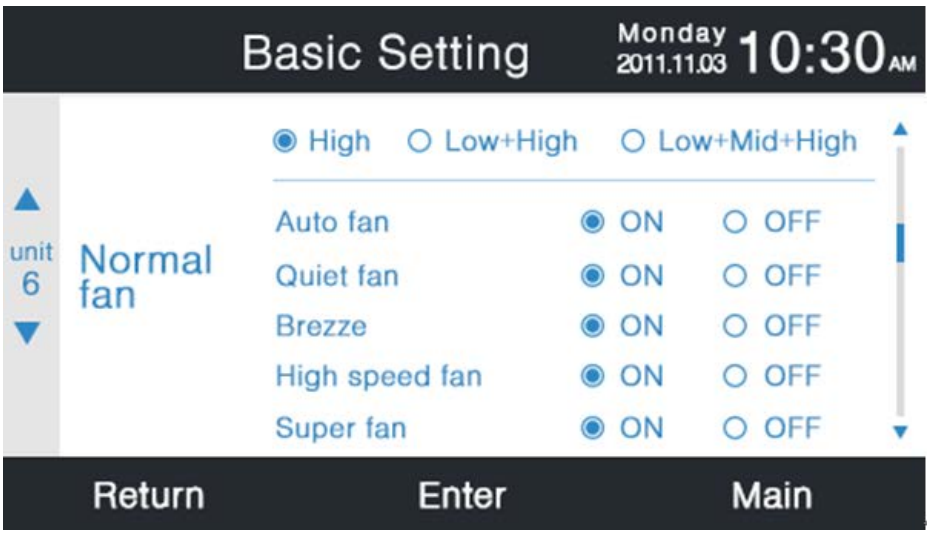
Operation

Basic setting

The information of model is decided by indoor unit and can not be changed, the same to capacity information.

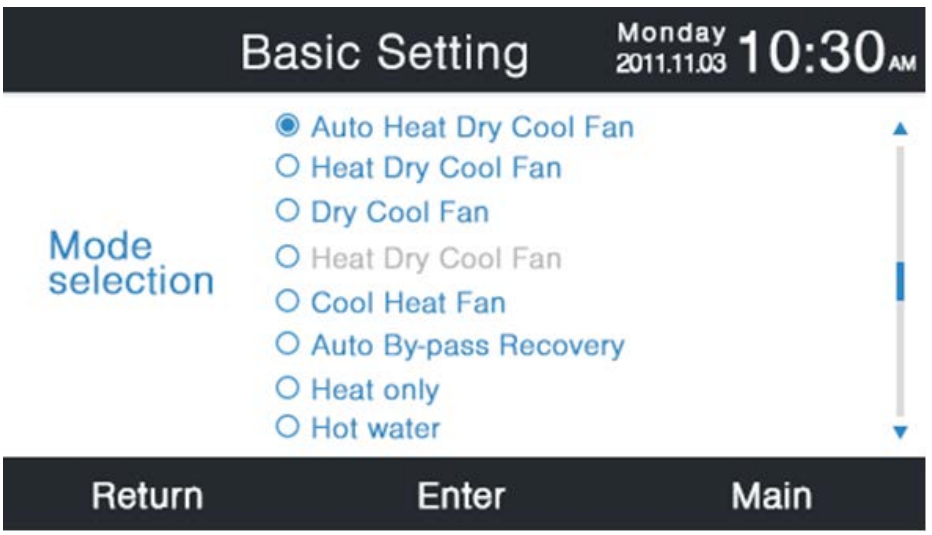
Normal fan

The default information is decided by indoor unit.



Mode selection

Different modes combination can be set according to practical application.



Operation

New/old protocol

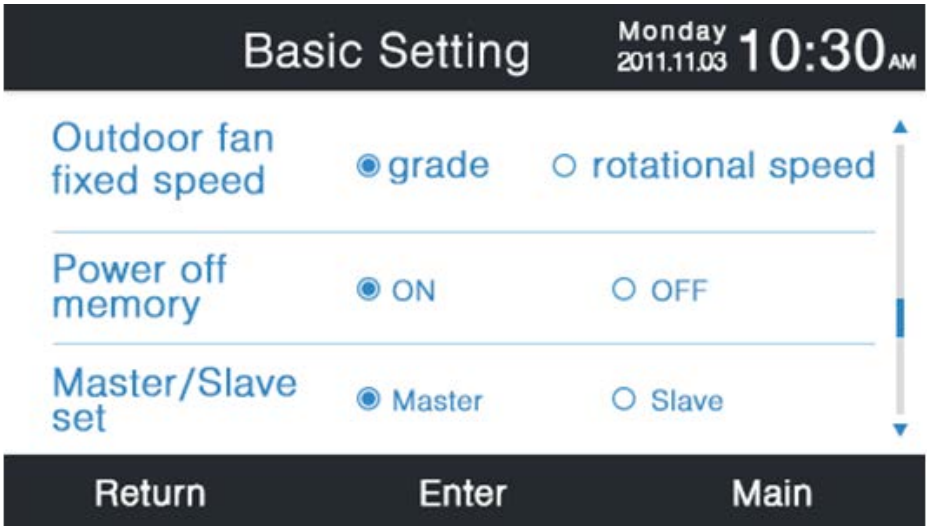
Self-adaption is default.The function is used for basic setting. You'd better not reset it,or the controller may not work normally.

Power off memory

If the function is set on, wired controller will maintain the previous state in temperature, fan speed ,etc from in outage to power up again.

Master/Slave set

Wired controller can be set as master controller or slave controller through this function. Slave controller only can control parts of function.

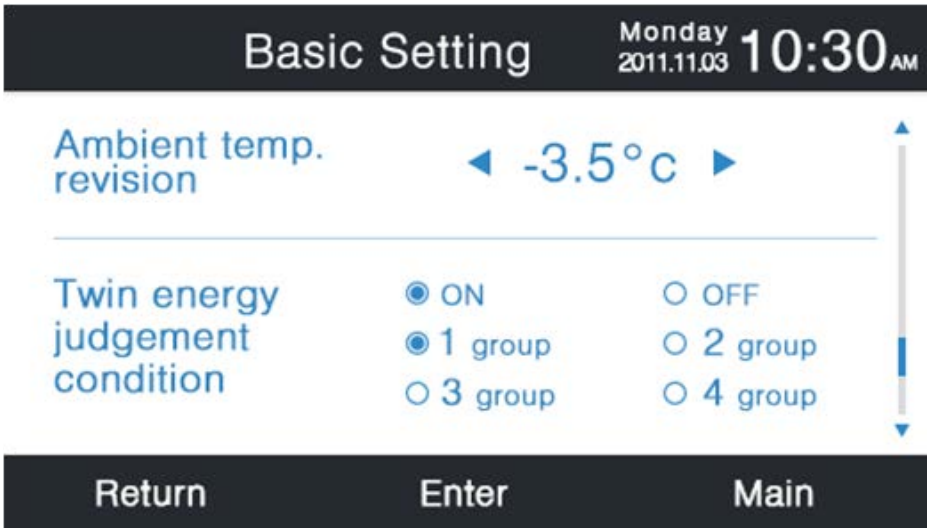


Operation

Ambient temperature revision

The revision value is only valid for wired controller environment temperature

Press enter key to make the arrows static and adjust the temperature by Left/Right key.



Indoor temperature collection

The environment temperature may come from wired controllers or indoor unit through setting. The same to indoor humidity collection.

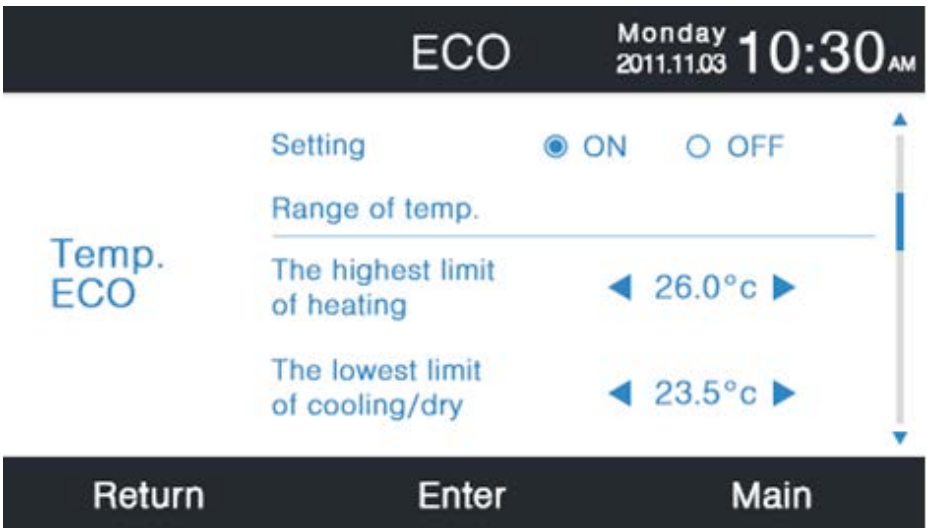
Operation

In basic setting interface, press Up/Down key to adjust unit number; press Left/Right key to move the cursor. Some functions are reserved for some models and the information is gray.

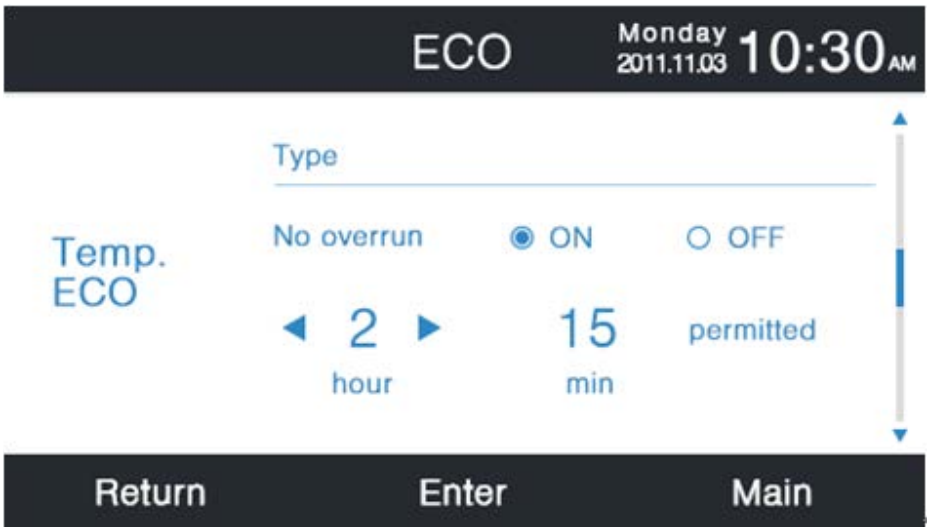
ECO

ECO function is default set as OFF. The default highest temperature is 78°F (26°C) in heating and the default lowest temperature is 74°F (23°C) in cooling/dry mode. It is default set as no exceeding of limit.

Four direction keys can move the cursor, when the arrows flash, press enter key to stop the flashing and press Left/Right key to adjust the value, then press enter key again to confirm. After setting ECO function, the temp. adjustment will be limited. If overrun is set, the temp. can be adjust out of ECO rage in allowable time.



Operation



Running time

The function records both continuous running time and total running time. Power on means operate. When the bottom color of “Clear” change into white, press enter key to clear the accumulative running time.

Operation

Vip priority choice

The function is only valid for some models.

Special setting

ESP grade can be set, the setting method is same to the instruction mentioned above .

Parameter setting

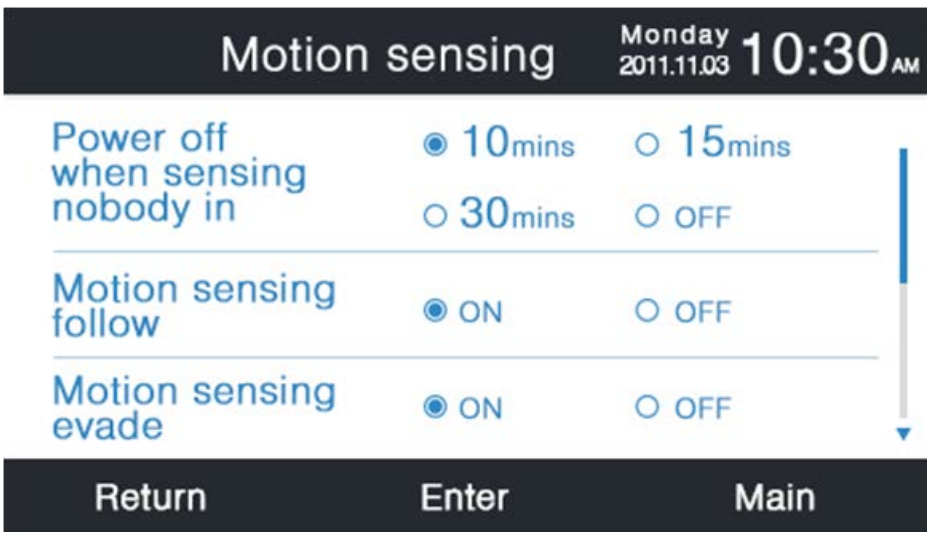
The function is only valid for some models.

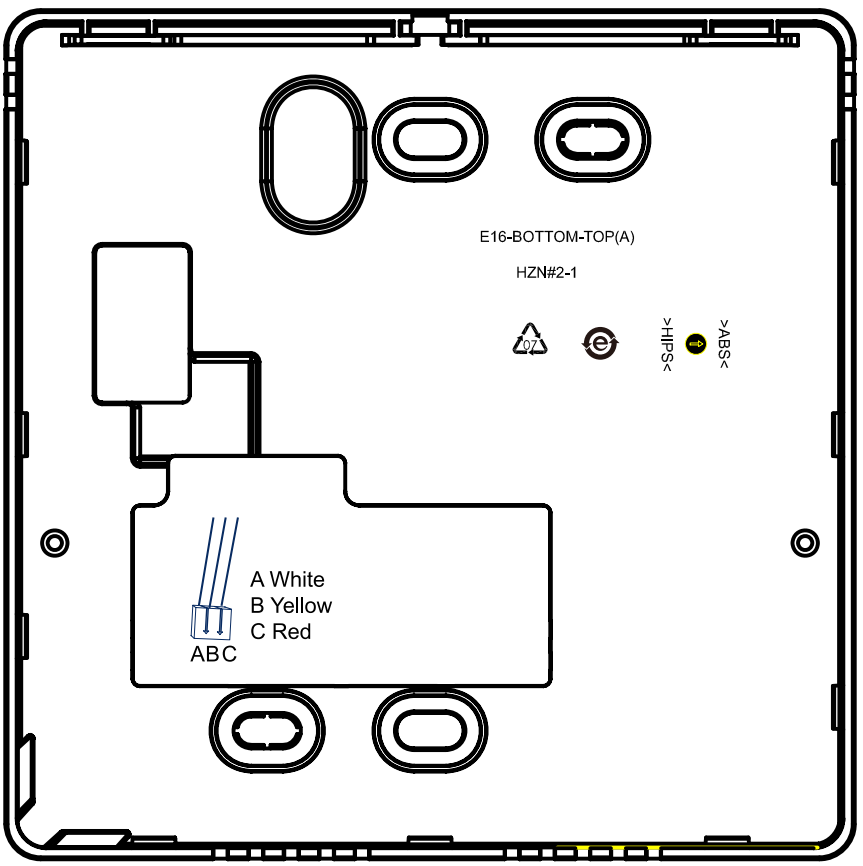
EEPROM setting

The function is only valid for some models.

Motion sensing

The function is valid for some models. When motion sensing follow or evade is set, the angle of deflector will be decided by the man's location, the setting swing angle in the main interface is invalid at this time. When the function of automatic power off is set, indoor unit will power off after sensing nobody in for the setting time. All the functions in the interface default "OFF".



Wired Controller Wiring Instruction

1. First,put communication wire through the hole in the back cover.
2. Connect communication wire to CON4 port of wired controller.Finally put the front cover of wired controller to back cover to complete the installation.