



Just feel well

Wired Controller Operation & Installation Manual

AHU V2-7ACELH040

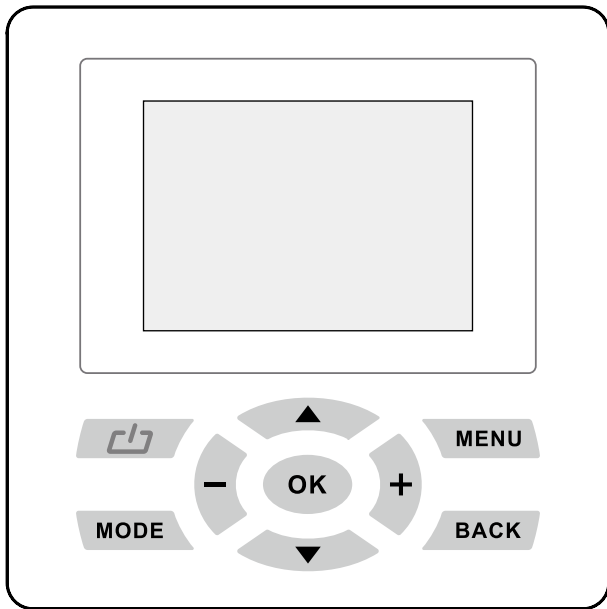
CONTENT

Parts and Functions.....	1
Operation.....	5
Wired Controller Wiring Instruction.....	13

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

Parts and Functions

Appearance



Parts and Functions

Interface Display









2019/08/05 17:00 Mon.

Operation status: ON
Fan: High
Setpoint temp.: 20°C
Error Code: none
Ambient temp.: 28°C


Time	Year/month/day/hour/min./sec./week
Operation status	OFF/mode
Fan	High/medium/Low
Setpoint temp.	Adjusting range is 16 to 30°C. The adjusting accuracy is 0.5°C
Error code	Real time display the error code
Ambient temp.	Ambient temp. of unit

Parts and Functions

Button

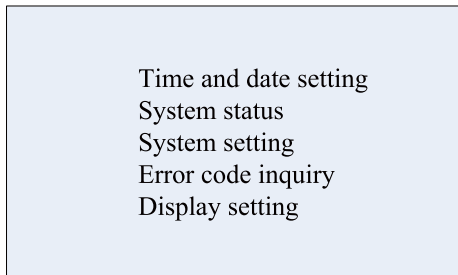
Button	icon	Function
ON/OFF		Press this button to turn on/off the unit. It will display green after turned on.
Mode		Press this button to adjust operation mode
UP		Press this button to adjust fan speed or adjust function
Down		Press this button to adjust fan speed or adjust function
Increase		Press this button to adjust the temp. or the other parameters
Decrease		Press this button to adjust the temp. or the other parameters
ok		Press this button to confirm
Menu		Press this button to enter menu function


Parts and Functions

Button	icon	Function
back		Press this button to return back the previous screen. Hold this button for 5s to return back to the main screen directly.

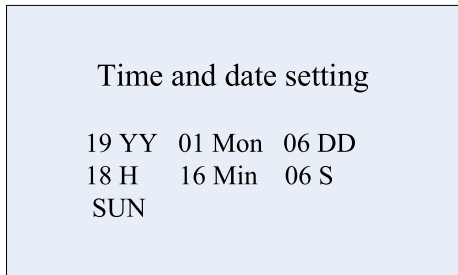
Function

Press [] to enter the menu interface:







Press [ / ] button to adjust function, press [] button to confirm

1. Time and date setting:





Function

Press [ / ] button to adjust function, press [ / ] button to adjust the parameter values.

2. System Status:

[00]	System status
Liquid pipe Temp.:	30°C
Gap pipe Temp.:	35°C

For multi units in the system, press [ / ] button to adjust the unit.

Function

3. System setting:

[00] System setting 1/3

Fan setting: High/Medium/Low

Mode setting

Revise overheat: group 1

Revise overcool: group 1

[00] System setting 2/3

Anti cold air temp.

compensation: group 1

Power off memory of unit: ON

Ambient temp.






compensation in heating : 4°C


Ambient temp.

compensation in cooling : 4°C

Function

[00] System setting	3/3
EEV full open/close:	Open
Thermo.ON opening: (Tao>32°C)	group 1
Thermo.ON opening: (Tao<32°C)	group 2
Thermo.ON lower limit:	group 1

Press [ / ] button to adjust function and press [] button to confirm. As a result, the selected function will be displayed in black. Press [ / ] button to adjust the parameter values. The system setting function is as follows:

- ① Fan setting. This function is used to set fan speed range, including High/medium/Low; High/Low; High.
- ② Mode setting. Select this function and press [] button to enter this function:

Function

Mode setting

Auto	Enable
Cool	Enable
Heat	Enable
Fan	Enable
Dry	Enable

Under this function, each mode can be set.

- ③ Revise overheat: 5 groups of parameters can be adjusted.
- ④ Revise overcool: 5 groups of parameters can be adjusted.
- ⑤ Anti cold air temp. compensation: 5 groups of parameters can be adjusted.
- ⑥ Power off memory of unit: ON/OFF can be adjusted.
- ⑦ Ambient temp. compensation in heating: $-10\sim 10^{\circ}\text{C}$ can be adjusted.
- ⑧ Ambient temp. compensation in cooling: $-10\sim 10^{\circ}\text{C}$ can be adjusted.
- ⑨ EEV full open/close: ON/OFF/Normal can be adjusted.
- ⑩ Thermo.ON opening: 5 groups of parameters can be adjusted.
- ⑪ Thermo.ON opening: 5 groups of parameters can be adjusted.

Function

- ⑬ Thermo.ON lower limit: 5 groups of parameters can be adjusted.

Note:

[+ / -] button is used to adjust the unit when the function is not confirmed by [OK] button.

4. Error code inquiry:

Error code inquiry




Current error



Historical error

Function

[00]	Current error
2019/02/04 10:10:53	1

[00]	Historical error
2019/02/04 10:10:53	12
2019/02/04 10:10:53	14
2019/02/04 10:10:53	16
2019/02/04 10:10:53	18

Press [ / ] button to adjust function, press [] button to inquire the Current/ Historical error.

Press [ / ] button to turn the page to inquiry more errors in Current/ Historical error interface.

Function

5. Display setting:

Screen brightness: 30%, 50%, 60%, 80%, 100% adjustable.

Screen saver setting: 00s, 15s, 30s, 60s adjustable . 00s means the backlight is always bright.

Display setting

Screen brightness:	80%
--------------------	-----

Screen saver setting:	00s
-----------------------	-----

Wired Controller Wiring Instruction

Cautions:

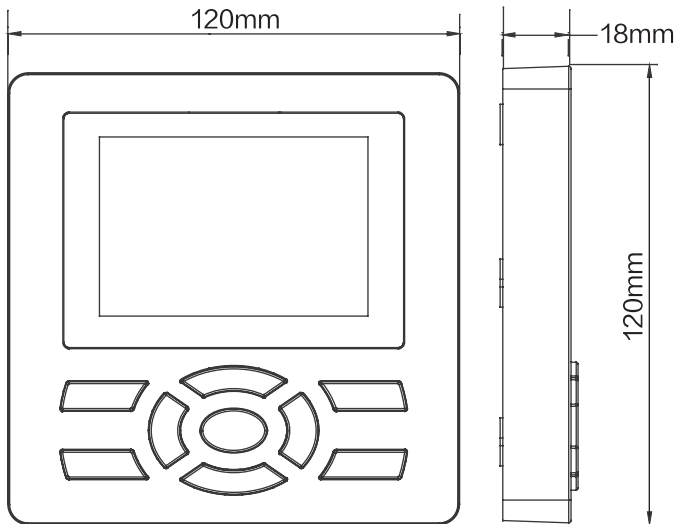
1. The normally used temp. range of wired controller: -10~60°C
2. The wiring of wired controller:

The length of the wiring	The size of the wiring
≤ 250m	0.75mm ² ×4 shielded wire

The length of the wiring is not allowed to exceed 250m. If it exceeds 250m, it must be equipped with an adapter.

Wired Controller Wiring Instruction

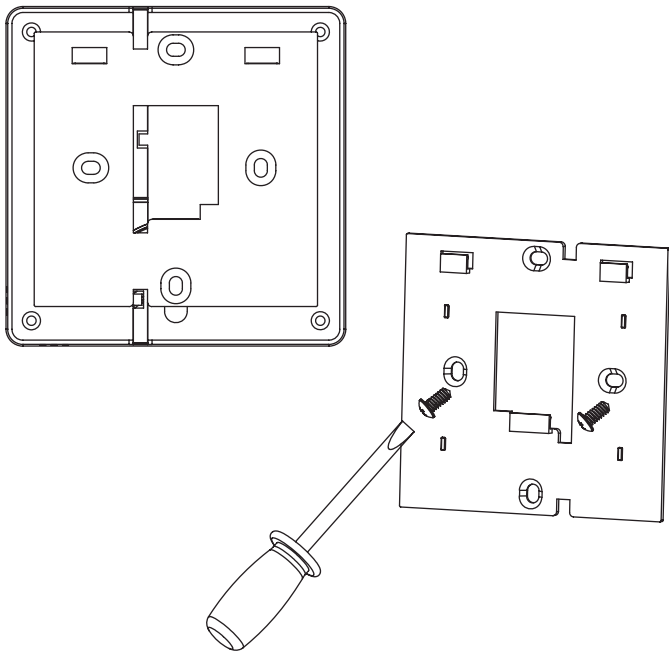
Dimension Drawing



Wired Controller Wiring Instruction

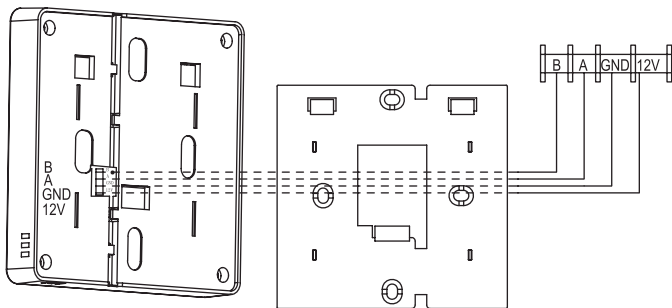
Wiring connection method

1. Push down and remove the pendant from the bottom of the wired controller, install the pendant on the 86 cassette.



Wired Controller Wiring Instruction

2. Connect the wiring as follows.



Wiring color	Line terminal
White	B
Green	A
Black	GND
Red	12V

Airwell

Just feel well

WARNING :

The design and specifications are subject to change without prior notice for product improvement. Consult with the sales agency or manufacturer for details.

ATTENTION :

Le design et les données techniques sont donnés à titre indicatif et peuvent être modifiés sans préavis.



AIRWELL RESIDENTIAL SAS

10,Rue du Fort de Saint Cyr,
78180 Montigny le Bretonneux - France [www.
airwell.com](http://www.airwell.com)