

826F specification Instructions for installation and operation

Fan coil units are divided into two pipes and four pipes, which are used for temperature control of water system or air system. Through the comparison of the environment temperature and the set temperature, the Fan-coil unit at the end of the control and the working state of the electric valve, electric ball valve or air valve, in order to achieve the purpose of adjusting the environment temperature, comfort and energy saving. Temperature controller adopts microcomputer control technology, large LCD screen ,elegant design, easy to use, through the key can select refrigeration, heating mode, and set the required temperature, wind speed. (Optional infrared remote control)

Technical specifications

Input voltage: AC180 ~ 260V,50/60Hz Self-consumption power: < 1.5W
Temperature control accuracy: $\pm 1^{\circ}\text{C}$ Load power: < 300W
Temperature control range: 05°C to 35°C Working environment: -5°C ~ 50°C
Shell material: PC+ABS flame retardant Overall dimensions: 86mmX86mmX41mm
Wiring terminal: can connect 2*1.5mm² or 1*2.5mm² wire

Function and operation

Startup & Shutdown: Press "⏻" once to start up, and then again to shut down.

Mode: powered on, press the "🔄" key to switch modes, and the LCD will display the "❄️" icon to indicate cooling and display "🔥" icon indicates heating, display "🌀" icon indicates ventilation mode, display "🌊" icon indicates floor heating mode, display the "🔥" + "🌊" icon indicates the air conditioning heating + floor heating mode.

Wind speed choice: Press "🌀" to select wind speed: high, medium, low , AUTO. In automatic mode, if the difference between the room temperature and the setting temperature is greater than 3°C , the room temperature difference is medium speed, and the room temperature difference is 1°C , the room temperature difference is low speed. (when only fan model that the heater does not run)

TEMP SET: Turn on :press "▼" to lower the setting temperature and press "▲" to raise the setting temperature. The temperature ranges from 05°C to 35°C . Turn off and start again. Keep the temperature before shutdown unchanged.

Lock: Turn on ,long press the "▲" key and "▼" key for 5 seconds to open the child lock function, then the LCD displays the "🔒" key icon, and then press the "▲" key and "▼" key simultaneously for 5 seconds to close the child lock function.

TIME SET: Turn on, press and hold the "🔄" key for 3 seconds to enter the time setting, and it will blink in minutes, and then press the "🔄" key to blink in hours and blink in weeks. When the device is blinking, press the "▲" key or "▼" key to set the parameter value.

Timed start Settings: Turn on, long press the "🔄" key for 3 seconds, the display time flickers, and then continuously press the "🔄" key until the clock appears **ON**. Set the timed boot time to minutes and hours, and set the time to 5 seconds to automatically shut down. The LCD screen only displays the timed boot countdown period, and the timed boot time will automatically start up.

Timed shutdown: Turn on .long press the "🔄" key for 3 seconds, the display time flickers, and then continuously press the "🔄" key to appear the clock OFF, set the timed shutdown time in minutes and hours, set the timed shutdown time, and automatically exit the timed setting interface after 5 seconds, the OFF icon is displayed on the LCD screen, the timed time to automatically shut down.

Sensor fault alarm: When sensor failure, display "Err" or code **E1** or **E2** alarms and closes output until the system returns to normal only after the fault is rectified.

Restore Factory Defaults : Power on, press the "⏻" and "▲" keys for 5 seconds. Wait for the full screen display to be displayed for 2 seconds and then power off. The factory Settings are restored successfully.

The control mode

Uncontrolled fan(DA): Control the two-line electric valve and three-speed fan, temperature When reached, close the electric valve and continue to run the fan.

Fan controlled(DB): Control two line electric valve and three speed fan, temperature up to When the time comes, close the electric valve and fan.

Two PIPE: valve control only one output (refrigeration, heating with the connection one valve control).

Four PIPE: valve control has two output (refrigeration connected with a valve, system Heat connected with a valve, refrigeration, heating independent control).

Cooling: room temperature is higher than the set temperature, control valve has output, the fan is running. Room temperature is less than the set temperature, the control valve has no input the fan operates according to controlled or uncontrolled operation.

Heating: Room temperature is less than the set temperature, control valve has output, the fan is running. Room temperature is higher than the set temperature, the control valve does not lose the fan operates according to controlled or uncontrolled operation.

Ventilation: Do not open the valve, only run the fan, and not subject to temperature control.

Other Monitors

Power OFF, long press " " and " " key for 5 seconds to enter advanced options, then short press " " key to switch options, and press " " key for adjustment. After adjustment, automatic confirmation and saving will be confirmed after power-off.

Serial number	Option	Default	Press"▲"or"▼"adjustment to parameter value
1	temperature compensation	-2	-9~+9℃
2	Start the temperature difference	1	1~5℃
3	Low temperature protection	—	1℃ ~ 5℃ , Press the "▲" key when the maximum setting temperature is 5 degrees. If "—" is displayed, the low-temperature protection function is turned off. If the low temperature protection function is enabled and the indoor temperature is detected to be lower than the set low temperature protection temperature in the shutdown state, the temperature controller will automatically switch to the heating mode, and the valve and fan will automatically open the output.
4	Power off and restart	02	00: The machine shuts down after the power is switched on 01: The machine turns on after the power is connected 02: Restore the state before power failure
5	Adjustable minimum temperature	05	00 ~ 34℃,(For example,If default 5℃that temperature can only be set to 05℃.)
6	Adjustable maximum temperature	35	05 ~ 99℃,(For example,If default 35℃that temperature can only be set to 35℃.)
7	Control model	1	00:DA 01:DB

8	Backlight model	00	00: (Backlight goes out after 10 seconds without operation) 01: The backlight stays on 02: The backlight is semi-bright
9	SYSTEM SELECTION MENU	1	01: 2 pipe 04: 4 PIPE 02: RHK(Air conditioning and floor heating)

Wiring diagram



Installation diagram

6-1.Disassemble the main control board: Use a 3.5-mm wide screwdriver to reach the slot along the inclined plane	6-2.Remove 4mm of the row wire and pry up slightly to open the hook
6-3. Connect to the terminal according to the wiring diagram and tighten with screws	6-4.Screw the thermostat base plate to the back cover of the wall.
6-5.Connect the LCD panel to the power panel through a cable tray	6-6.First, hang the two hooks at a 30 degree Angle and press the lower side slightly to jam the upper shell. The installation is complete

7 .Warranty (after sale) Service:

This product quality warranty period of two years, from the date of sale of products, the company's products can enjoy lifelong after-sales service according to the provisions, but beyond the warranty period or non-quality problems caused by after-sales service, the company will charge a certain fee according to the situation.