

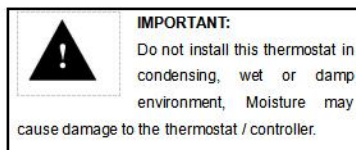
8902F Instructions for Fan Coil thermostat

1.General

YTL-8902F Series Room Thermostat/Controller takes use of the most advanced international microcomputer control CMOS chip. It can inspect the environment temperature through the internal or external NTC sensor. By comparing the ambient room temperature with setting temperature, it can control the valve to reach the comfortable and constant temperature.

2. Technical Data

- 2.1. Power Supply: 230VAC± 10% 50/60Hz <300W
 2.2. Consumption: <1W 2.3. Load Current: <10A
 2.4. Accuracy: ±1℃ 2.5. Set-point Range: 5℃~35℃
 2.6. Display Range:0~99℃ 2.7.Work environment: 0~45℃
 2.8.Humidity:5~95%RH 2.9.Materials: PC+ABS
 2.10:Size: 86*86*13mm



3.Display&Key Function Description

- ★ Work Mode: (Cool、Hot) Power on/Off button: Turn on or off as required
- ★ The fan speed(High、Middle、Low、Auto.) Change key: Switch between hot and cold modes
- ★ Display indoor temperature Display setting temperature
- ★ Temperature plus or minus bond:Set the temperature increasing and decreasing.

4. OI(operating instructions) Note: Some models will not have individual features

Power on/Off button	Press "⏻" once to start up, and then again to shut down, and close the fan coil, electric valve or electric air valve at the same time.
TEMP SET	Boot state, press the "▼" key to reduce the setting temperature, press the "▲" key to increase the setting temperature, each key temperature change 1℃
Select Mode	When the device is powered on, press the mode key to switch. On the LCD, ❄ indicates refrigeration and 🔥 warm air indicates heating. (Individual models with ventilation mode)
The fan speed	Press "🌀" wind speed key to select wind speed of the fan: High、 Middle、 Low、 Auto. In the "AUTO" mode, the wind speed automatically shifts, that is, when the room temperature differs by 1℃ from the set temperature, the low speed is automatically selected. When the difference between the room temperature and the set temperature is

	2℃ , the Moving select medium speed; When the difference between the room temperature and the setting temperature is 3℃, the high speed is automatically selected.
Sleeping function	Long press the mode key for 3 seconds to switch to the sleep display state, press "▲" to confirm, press "▼" to cancel. After sleep is turned on, when the indoor temperature reaches the set temperature or has been operated for 1 hour, the set temperature will automatically increase by 1℃, and then increase by 1℃ after another hour of operation. When the total operation time reaches 8 hours, the operation will stop, and the total increase of 2℃ in 8 hours; If the air conditioner is in the heating operation mode, the set temperature will be reduced by 2℃, after operating in sleep mode for 1 hour, and then by 3℃ after operating for another hour. When the total operation time reaches 8 hours, the air conditioning will stop running. It was reduced by 5℃ in 8 hours.
ON TIMER	Timed startup: Long press the mode key for 3 seconds to switch to timed startup. Press "▲" to increase the timing time, press "▼" to decrease the timing time, after adjusting, Automatically confirm in 5 seconds. After the regular opening, close the fan and valve immediately in the starting state. After the regular opening time is over, open the fan and valve immediately.
Dabel Auto Timer	Timed shutdown: Long press the mode key for 3 seconds to switch to timed shutdown. Press "▲" to increase the timing time, press "▼" to decrease the timing time, After adjustment, it will be automatically confirmed in 5 seconds. After opening the timer, it will shut down when the time is up, and close the fan and valve at the same time. Timed on/OFF, both by how many minutes or hours after the power on or off.
Lock	At the same time press "▲" and "▼" key for 5 seconds to enter the child LOCK state, at this time the lower right side of the display clock display position "LOCK", CL, or LOCK icon, the child LOCK opened only after the power key has a role, other keys have no role, and at the same time press "▲" and "▼" key for 5 seconds to remove the child LOCK state.

5. Advanced Options

In the shutdown state, long press the mode key and wind speed healthy 5 seconds to enter the advanced option Settings, then short press the mode key to switch option content, press the "▲" or "▼" key to adjust. After adjusting the boot automatically confirm and save.

Display	Options	Default	Press "▲" or "▼" key to adjust
1 (H1)	Temp.Comp	-2℃	-9℃~+9℃, This parameter can be set only when the temperature is not correct

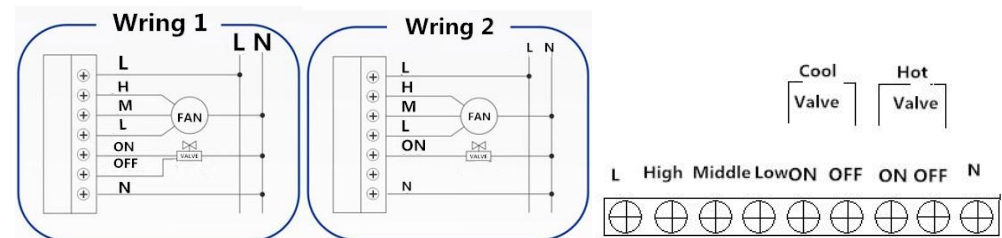
2 (H2)	Start the temperature difference	01℃	1℃~+5℃
3 (H3)	Low temperature protect	- -	1℃~5℃, at the highest setting temperature of 5 degrees, press the "▲" key, display "-" to cancel the low temperature protection function; If the indoor temperature is lower than the set low temperature protection temperature, the temperature controller will automatically switch the heating mode, and the heating equipment will be forced to start (the fan and valve are open and running at the same time).
4 (H4)	Losing electricity to restart	02	00:Electricity power off 01:Electricity power on 02:Memory
5 (H5)	Lower temperature limit	05℃	0℃~34℃, (eg: the default temperature is 5℃, The minimum temperature can be set to 5℃ only)
6 (H6)	Higher temperature limit	35℃	5℃~99℃, (eg:The default temperature is 35℃. The maximum temperature can be set to 35℃ only)
7 (H7)	Controlled fan selection	0	00:uncontrollable 01:controllable
8 (H8)	Backlight Mode	0	0:The backlight automatically goes out 1:The backlight always on 2:The backlight always Half of the bright
9 (H9)	SYSTEM SELECTION MENU	01	01:Two pipe 02:two-in-one (fan coil +water heating)RHK 04:four pipe

6. Installation Instruction

 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
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 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.Wiring diagram: Please refer to the silkscreen wiring diagram on the bottom shell



Wiring diagram of pipe three-wire electric valve

Wiring diagram of two - wire electric valve

Wiring diagram of four

8.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.