

HY08AC WIFI fan coil unit thermostat manual

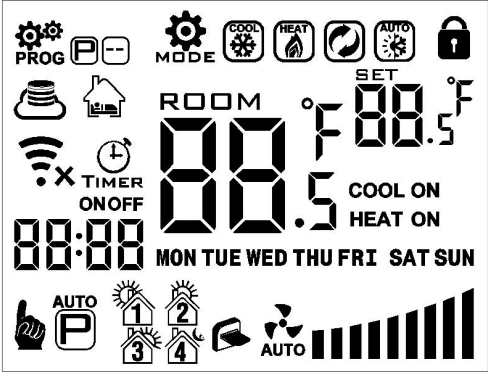
Application

HY08AC series fan coil thermostat is suitable for controlling central air conditioning and fan coil unit. By comparing the indoor temperature and setting temperature, to adjust fan coil unit and turn on /off electric valve . to realize adjust temperature and saving energy purpose. HY08AC adopts microcomputer control technology, large-screen display, and have following display status: working state (cooling, heating, ventilation), fan speed (high, medium, low, automatic), indoor temperature, setting temperature, clock, seven days and four time periods Time programming, timing switch, etc.

Technical data

Voltage: AC200~240V,	Output: On/off type
Current: 3A	IP: IP20
Accuracy: ±0.5℃	Display temperature range：0~70℃
Setting range: 5℃ - 35℃	
Sensor:：NTC(10k)1%	work environment:：-10~60℃
Size: 86 * 86mm	Mounted：in the wall type

Button



No:	Icon	Description
A		Increase key: short press to adjust number and temperature ,long press to check external senor temperature
B		To choose setting item
C		Decrease key: short press to adjust number and temperature
D		Fan key; when work with “SET” key together, then “confirm” key
E		Power key
F		Press them together to enter matching wifi mode



WIFI connected, If flashing ,then matching wifi mode



WiFi disconnection



:cloud icon ,if flashing ,then enter AP mode








Operation





Operation	Description	Legend
Turn on/off	press“”to turn on; press again to turn off, meanwhile closed fan coil unit and electrical valve.	Display main interface
Setting temperature	Thermostat turn on , press“”to decrease setting temperature, press“”to increase setting, each time change by 0.5℃。	
Fan Speed	Thermostat turn on , press“”to choose fan speed (high)、(mid)、(low)、().	(high)、(mid)、(low)、().

Setting time	Thermostat turn on, press “” 3-5s , chose , then press “” to set time: Minute“mm”flashing, press“”or“”to adjust, press “” to next setting.as same method to set hour and week. finally press or wait 5S to exit	
Timer	After connected wifi ,click “cloud” on the right corner of APP to set	
Working mode	Thermostat turn on, long press “” 3-5S, choose , next press to choose mode. is mean cooling mode, “” is mean heating mode, “ ” is mean ventilation mode; is mean auto mode	 Auto heating mode Auto cooling mode Heating mode Cooling mode
Manual/programmable	Thermostat turn on, shore press “” to run programmable mode : press again to run manual mode	
Control valve	When cooling mode(heating mode), indoor temperature more (lower) 1℃ than setting temperature, open valve; after equal, closed valve, fan is still running 。	Ventilation mode (fan is not control by temperature as default) If fan be controlled by temperature,then valve and fan will be closed.
Locked function	If open locked function, the will be auto locked if have not any operation within 10S. Long press to unlock	
Alarm	E1 : inner sensor alarm。 E2 : external sensor alarm When temperature more than 55℃, then display “HI”。 When temperature lower than 0℃, then display “LO”	
Sleep mode	Long press , is flashing , short press to run it, short press to cancel	Remark: Sleep mode is not available when run ventilate mode or auto mode





Set Programmable

HY08AC thermostat support set different time and different temperature; Compatible with 5+2, 6+1, 7days Programmable


Long press  3-5S, next short press  to choose , then short press  to set programmable, use  and  to adjust **value** . After short press  to set next time section setting

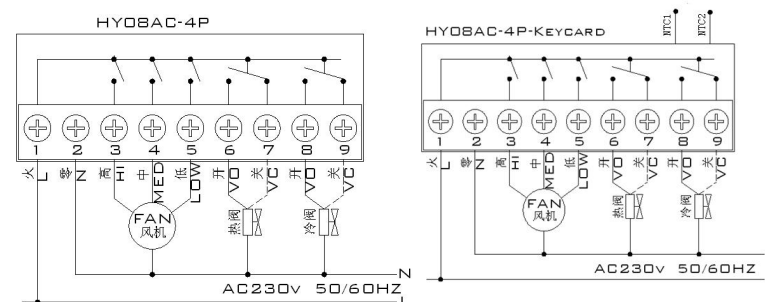
Time section	Icon	Time (default)	Temperature (default)
Monday to Sunday		06:00	20° C
		08:00	15° C
		17:00	22° C
		22:00	15° C

Advance setting

Turn off thermostat ,long press  5S to enter press “” or “” to set item Short press  to set next item

Symbol	Item	Parameter	Default
A1	Temperature Calibration	-9~+9℃	0.5℃ Accuracy Calibration
A2	Children Lock	1: half lock; (It is available to turn on/off and adjust temperature) 0: full lock	1
A3	Setting the lowest limit temperature	5-15℃	5℃
A4	Setting the highest limit temperature	16-50℃	35℃
A5	Fan is control by temperature	0=YES 1=NO	0
A6	Programmable	0=5+2 1=6+1 2=7	0
A7	Choose valve output	2: 2pipe 4:4 pipe	4
A8	Choose sensor	N1:inner sensor N2:external sensor N3:Double sensor when choose N3, ①In the cooling state,	N1

		<p>normally only valve is opened.</p> <p>When the temperature is detected to be lower than (X-2) °C, the fan is turned on. When the fan detects the temperature $\geq X^{\circ}\text{C}$, the fan is turned off; ②In the heating state, normally only valve is opened , and the fan is turned on when the external temperature is detected to be $\geq X^{\circ}\text{C}$. When the temperature is detected to be lower than (X-2) °C, the fan is turned off.</p>	
A9	Set temperature for external sensor	20-60℃	38℃
AA	Reset	Display A o, press  key until whole show	Ao



Cautions on Installation:

- 1.To prevent the thermostat display from a high fluctuation, special treatment has been made to the program. Therefore, it is normal that the thermostat cannot immediately display the sudden change of temperature.
2. The thermostat installed on 1.5m above the ground.
3. For the thermostat installed,please take care not to install it to the wall corner, door / window side or behind the door or in such unheated area as exterior wall. Avoid hot / cold air duct, radiator, flue or thermal pipe
- 4 When install the power supply, make sure that the power cable is well insulated.
5. Don't open the internal circuit board..
- 6.HY08AC series thermostat design for the standard 75x75x 35mm wall mount box installed. Follow the instructions to open the rear cover base, mount it on the wall and wire it.
- 7.Before installing the thermostat, make sure that the system is disconnected. The maximum voltage of the system shall meet the requirements specified in the Instruction Manual (Max. AC Voltage: 250V).