



## Technical Data

Power Supply: AC200-240V

Accuracy: ±1°C

Consumption: <0.5W

Dimension: 86\*86\*38mm (H\*W\*D)

Rated Current: 3A

Set-point Range: 10- 40°C

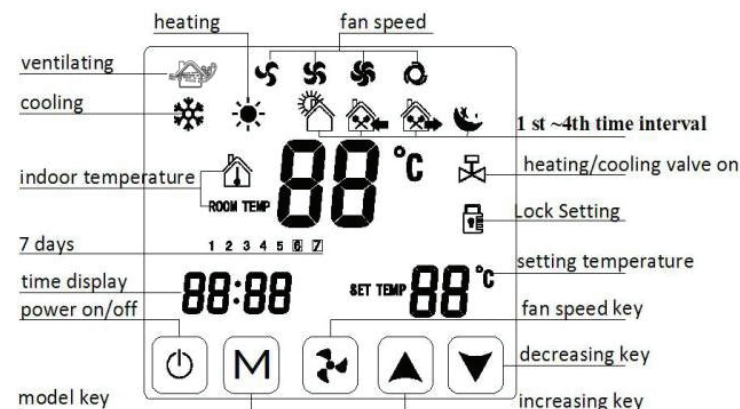
Sensor: NTC

Protection Class :IP30

## Description

HY02B05 is large LCD display button thermostat designed for fan coil unit or wind pipe system of central Air condition helps to adjust the indoor temperature by comparing the room temperature with the setting Temperature. The thermostat applied to water system or wind system (2 pipes or 4 pipes) of air condition, control fan coil, motorized valve, motorized ball valve or air valve to adjust room temperature, reaches the setting point and achieves the purpose of saving energy Simple and clear panel design. It is widely used for hotels, villas, home room, commercial, medical and other civilian facilities

## Display and Button Descriptions



## Button description

"⏻" on / off; "M" mode; cooling heating ,ventilation. Long press for more than 3 seconds, enter time setting and timing on/off function." 🌀 " fan speed setting ,long press for more than 3 seconds in the temperature correction " ⬆️ " increase;" ⬇️ "decrease;" 🌀 " low fan speed; " 🌀 "Medium fan speed; " 🌀 " high fan speed; "🌀"automatic; "☀️" heating; "❄️"cooling;"🏠"ventilation;

## Methods Of Operation

1. on / off: press the "⏻" key.
2. setting: press key"⬆️", "⬇️" to regulate temperature, factory default temperature is 26°C.
3. Heating/cooling / ventilation settings: press "M" to choose "☀️" heating; "❄️" cooling; "🏠"ventilation; the default mode is "🏠" ventilation.
4. speed setting: the factory default fan pattern is "🌀" (low). Press the "🌀" key to select the fan speed: (high) 🌀; (mid) 🌀; (low) 🌀; (automatic) 🌀, if you choose to "automatic"🌀, fan operation is automatically adjusted according to room temperature and set temperature.
5. Temperature calibration settings (when the temperature is in deviation, it can perform the following operations:): press the "🌀" key, the LCD time zone will display "XX. X °C, Press "⬆️" or "⬇️" to the accurate temperature, it will be saved automatically after 5 seconds.

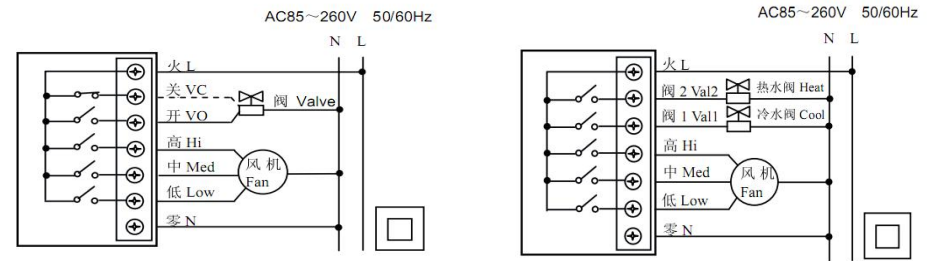
6. Time setting: long press the "M" key for more than 3 seconds, until display of "hh:mm" and hours number "hh"flashing, press "▲", "▼"key to adjust the hours, after hour calibration accuracy, and then press the "M" key, the minutes number "mm" flashing, press "▲", "▼"key to adjust minutes,then press the "M" key again enter into the week setting area,the week number of "1 or 2 or 3 or 4 or 5 or 6 or 7" flashing, press "▲", "▼" to adjust one week, said Monday, said Tuesday the 2, and so on.Finished setting is will be saved automatically after 5 seconds.

7.The time setting of turn on: long press the "M" key for more than 3 seconds, until display of "hh:mm" and hours number "hh"flashing, press "M" key for 3 times until the sign "🏠" and hours "hh" flashing together, press "🌀" key,the sign "🏠" does not flashing and hours "hh" flashing,press "▲", "▼"key to adjust the hours,then press the "M" key again, minutes "mm" flashing, press "▲", "▼" key to adjust the minutes, Finished setting is will be saved automatically after 5 seconds. Cancel the time setting of turn on,the the same as above operation method to adjust time "hh:mm" to "00:00".

8. The time setting of turn off: long press the "M" key for more than 3 seconds, until display of "hh:mm" and hours number "hh"flashing, press "M" key for 5 times until the sign "🏠" and hours "hh" flashing together, press "🌀" key,the sign "🏠" does not flashing and hours "hh" flashing,press "▲", "▼" key to adjust the hours,then press the "M" key again, minutes "mm" flashing, press "▲", "▼" key to adjust the minutes, Finished setting is will be saved automatically after 5 seconds. Cancel the time setting of turn off,the the same as above operation method to adjust time "hh:mm" to "00:00".

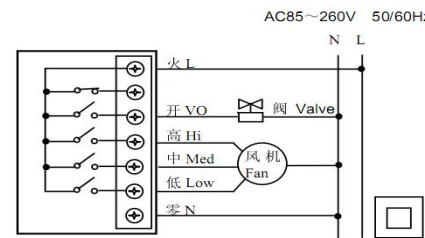
9.The the time setting of turn on and turn off of the third and fourth time interval "🏠🏠",the operation method is the same as above first or second time interval.

## Wiring Diagram









3 wire system

4 wire system



2 wire system

	<b>Please use a small screwdriver(about 3.5mm width) insert. The notch of LCD broad about 4mm</b>		<b>Up the screwdriver with a little pressure, and Open the LCD panel</b>
	<b>LCD panel and power panel should be connected( please connect them softly to avoid the line broken)</b>		<b>Please use two screw to fasten the power panel the hidden box.</b>
	<b>LCD panel also be connected to the hidden box</b>		<b>Please press the cover softly and finished the installation.</b>

## Warranty

We offer the warranty of 12 months, from the sales day. The products of our company can have life time warranty ,if it is not the quality problems, or beyond the warranty period, we will charge for the after-sale service.