

成品尺寸:整体尺寸:860*89mm,成品尺寸86*89mm,风琴折,105g铜版纸,黑白印刷



Please follow below drawings to do wiring and ensure the connection

is reliable. Ensure to tighten the terminal screws to prevent the wire from falling off.

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N.	BLDC (Brushless DC) Motor, Modulating Valve / On-off Valve						
INO.	Symbol	Description					
1	L or R	Live wire(220/24VAC)					
2	N or C	Neutralwire					
3	VC1	Cooling valve on/ Valve on					
4	VC2	Heating valve on/ Valve off					
5	ON/OFF	BLDC motor (10VDC switch), no switch and no need to connect					
6	NC	Standby					
7	AGND	Analog signal ground wire					
8	A01	BLDC motor (Analog PI 0-10 VDC output 1)					
9	A02	Valve on (Analog PI 0-10 VDC output 2)					
10	(D+/A)	RS485 A+					
11	(D-/B)	RS485 B-					
12	RSB	Room card signal/external sensor(NTC20K B4200 RVVP 2 x 0.75mm ² cable type, recommended maximum lenght of sensor is no more than 50m)					
13	GND	Room card/sensor common terminal. not RS485 common terminal.					

Note :

 Input voltage: 100-240VAC(18-30VAC)50/60Hz, the thermostat must be equipped with overload protection.

Communication cable: RVSP2*1.0mm², connected no more than 32 thermostats in one RS485 loop.
 On't route signal / communication cables with high voltage cables in a same conduit. Refer to
 Electrical Wring Safety Regulations.

All device in the same RS485 loop, not mix connect R and C cable, Otherwise, it may lead to device damage.

Recommended Modbus Gateway Configuration: Response timeout≥1s, retry count≥2, single read
/write register, Max Rx Inter Character Delay≥500ms.

• Recommended to connect only the same type of thermostat on a rs485 bus.





Security Instructions

This section lists the few security guidelines and tips that you must Honeywell Touch Screen Thermostat.

- Ensure the physical security of the device. Only authorized person device and bus.
- Ensure the security of equipment installation, operation and main management.

 Ensure that the device is on an isolated internal network.
 Do not open the device or damage the appearance, resulting in inl Note: These are the tips that Honeywell recommends. But is not lim any security vulnerability. Report it to security@honeywell.com

Configuration Menu Setting

After shutting down, touch "Q)" for 5 seconds to enter the parameter "Q" displayed. You can tap '**, "-" to switch the menu number, and t the corresponding screen. (The icon" Q' disappears.) Tap" III" again and tap "*, "-" to set the relevant function. After the setting is comp to save settings and exit.

In parameter setting screen, touch" #* for 5 seconds and release wi and flash 3 times, configuration menu will restore the factory settin During setup, if no button is tapped in 10 seconds, the system will e setting screen without saving current settings.

Freezing protection mode:

If freezing protection is enabled and thermostat is in OFF mode while th temperature is below 5 °C, the thermostat will open heating device befor temperature rises to 8°C. (it is not available in cool only application).

Index	Description	Option		Index	Description	Option	Index	Description	Option		Index	Description	Option
00	Modbus address (default 1)	1-64		04	Humidity display (default 1) (This setting is invalid for without humidity type)	1: Display the humidity (for example: 50%) 2: No display			1: Only cooling mode is available. 2: Only heating mode is available. 3: Only cooling and ventilation modes are		14	Fan speed setting in energy saver mode (default 2)	1: Low speed 2: Auto speed
01	Temperature Compensation When it is Cels from -2°C to 2	When it is Celsius, the setting range will be from -2°C to 2°C adjusted in 0.5°C increments	e ients		Fan coil control mode	1: Turn off the fan coil when the temperature reaches the set point.	09	Selecting operating mode (default 6)	available. 4: Only heating and ventilation modes are available. 5: Cooling, heating and ventilation modes are available. 6: Auto, Cooling, Heating, Ventilation modes are available.		15	External / Internal sensor (default 2)	1: Use the external sensor 2: Use the internal sensor
	(default 0°C)	When it is Fahrenheit, the setting range will be from -4°F to 4°F adjusted in 1°F increments		05	the setting temperature (default 1)	2: Fan coil keep working when the temperature reaches the set point.					16	Keycard or external sensor (NTC 20K) selection	1: Keycard card access
02	Fahrenheit /Celsius (default °C)	°C: Celsius, °F: Fahrenheit		<u> </u>								(default 1)	2: External sensor access
		1: When selecting '1'(the default setting), the room temperature is displayed by default. (1t will display setting temperature when you touch up/down in this state, and quit out after 5 seconds. 1: Enable freezing protection function 1: Enable freezing protection function 2: When selecting '2', the room temperature is displayed by default. (1t will display setting temperature when you press up/down in this state, and quit out after 5 seconds. 06 Setting the upper temperature When it is Celsius, the setting range will be from 10°C to 32°C adjusted in 0.5°C increments 10 Two-pipe/four-pipe system working setting (default 2) 07 Setting the upper temperature Imit (default 32 °C) When it is Celsius, the setting range will be from 50°F to 90°F adjusted in 1°F 11 Energy saver mode activated (default 3) 12 Heating temperature for 10°C to 32°C adjusted in 0.5°C Setting the lower When it is Celsius, the setting range will be from 10°C to 32°C adjusted in 0.5°C 12 Heating temperature mode (default 3)	:h	06	Freezing protection mode (default 1)	1: Enable freezing protection function 2: Disable freezing protection function		Two-pipe/four-pipe	No automatic mode in two-pipe system.		17	Modbus Baud rate (default 2)	0: baud rate 38400 bps 1: baud rate 19200 bps 2: baud rate 9600 bps 3: baud rate 4800 bps
	Temperature display			07	Setting the upper temperature limit (default 32 °C)	When it is Celsius, the setting range will be from 10°C to 32°C adjusted in 0.5°C increments When it is Fahrenheit, the setting range will be from 50°F to 90°F adjusted in 1°F increments	10	system working setting (default 2)	4: Four-pipe system working				
03 (default 1)	(default 1)						11	Energy saver mode activated (default 3)	1: Room key card normally open 2: Room key card normally closed 3: Long touch operating mode button for 3 seconds		18	Keypad lock mode (default 4) Factory settings: All	1: System button is locked 2: Fan and system button are locked 3: All buttons are locked except power but
	state,							Heating temperature	Range: 10~21°C in 0.5°C increments/			buttons are not locked	4: All buttons are locked
			50~70°F in 1°F increments		19	Power recovery status (default 1)	1: Keep previous status 2: Off						
			08 Imperature limit (default 10 °C) Increments 08 Vertice 08 Vertice 08 Vertice 09 Vertice 08 Vertice 09 Vertice 09 Vertice 09 Vertice 09 Vertice 01 Vertice 02 Vertice 03 Vertice 04 Vertice 04 </td <td></td> <td>20</td> <td>Valve type (default 1)</td> <td>1: ON/OFF valve 2: PI (0-10V) modulating valve (Only for 2 pipe system)</td>		20	Valve type (default 1)	1: ON/OFF valve 2: PI (0-10V) modulating valve (Only for 2 pipe system)						

Index	Description	Option					
21	Auto fan maximum voltage range (default 10)	1~10V					
22	Auto fan minimum voltage range (default 1)	1~10V					
23	Ultra low speed fan voltage (default 2)	1~10V					
24	Low speed fan voltage (default 4)	1~10V					
25	Medium speed fan voltage (default 6)	1~10V					
26	Medium high speed fan voltage (default 8)	1~10V					
27	High speed fan voltage (default 10)	1~10V					
28	Valve output status (default 0)	0: Display the valve icon 1: Not display the valve icon					
29	4-Pipe auto change over setting range – dead band (default 3)	2- 1°C (2°F) 3-1.5°C (3°F) 4- 2°C (4°F) 5-3°C (5°F)					