

# FCU Room Thermostat With Surface-Mounting

HTW-31-F13-4KN

## Features

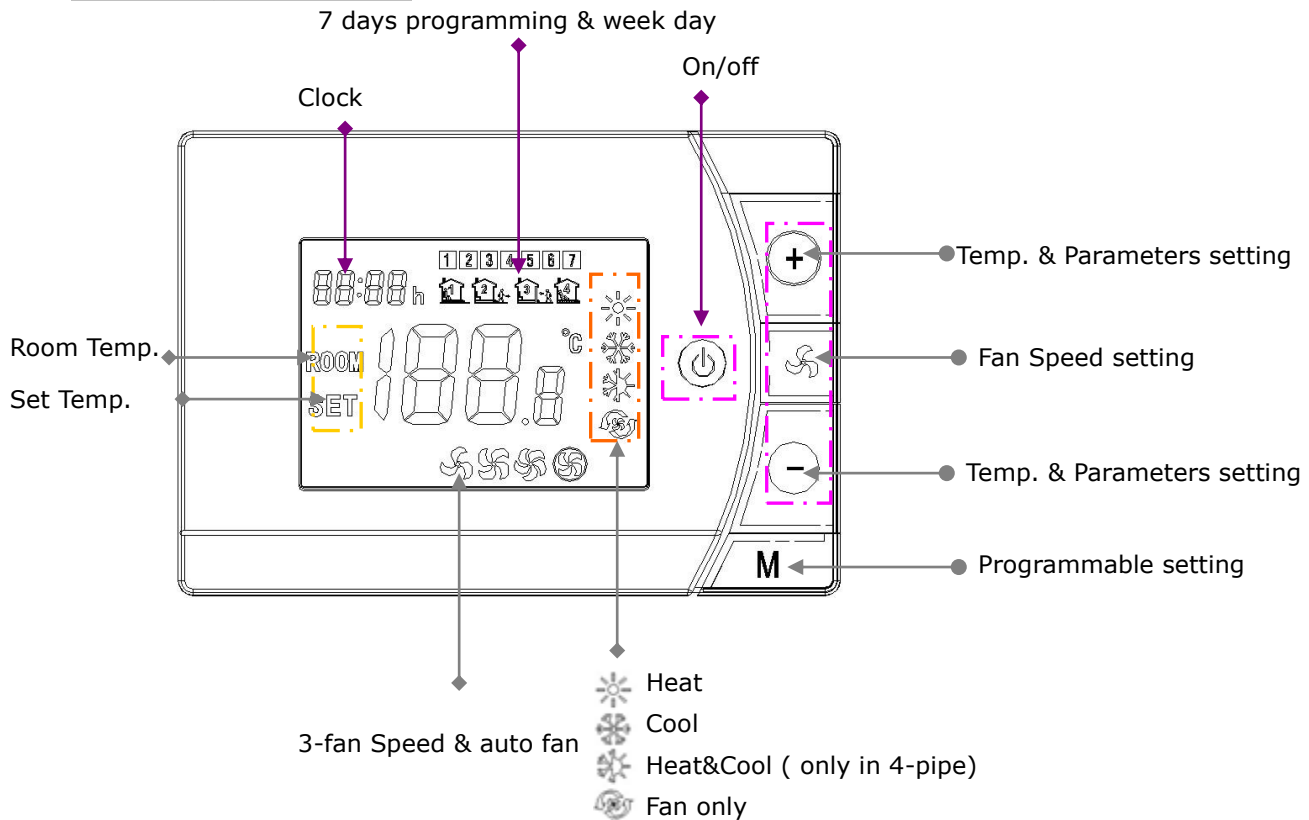
- Adjustable heating/cooling/ Heat & cool mode control
- Adjustable manual 3-speed and automatic fan speed control
- Surface-mounting
- 4-pipes & 2-pipes( optional)
- 7 days programmable ( optional)
- Rs-485, Modbus( optional)
- Keycard(optional)



## Technical Data

Power Supply	- 230V, 24V 50/60Hz	Backlight	- Blue
Power Consumption	- 1.5A	Sensor	- NTC 10K, 3950ohms at 25°C
Set Point Range	- 10~30°C	Accuracy	- + 1°C (step control by +0.5°C)
Ambient	- 0~50°C	Protection Class	- IP30
Relative Humidity	- 85%	Housing	- ABS to UL94-5 fire retardant plastic

## Displays & Buttons



# FCU Room Thermostat With Surface-Mounting

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## Programmable setting

Long press “ M” button for 5 seconds to enter 5+1+1 programmable mode, press “+” and “-“ to set the on/off time of thermostat. After finish the time setting, press M button again to set the desire temp. Each press of M button will go into next mode setting.

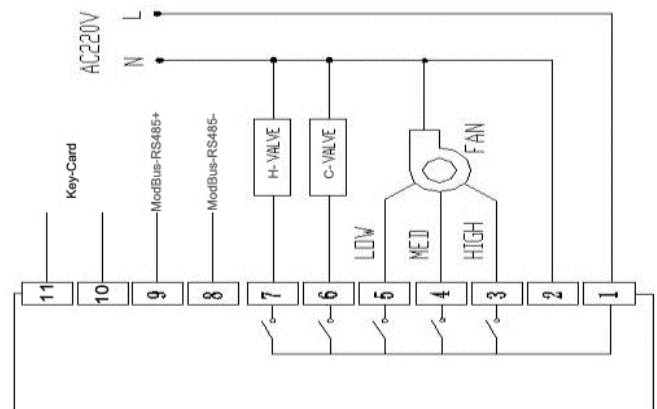
	1 <sup>st</sup> Time Zone			2 <sup>nd</sup> Time Zone		
	Turn on	Turn Off	Temp. Setting	Turn on	Turn Off	Temp. Setting
<b>Icons</b>			NONE			NONE
<b>12345(Mon.~Fri.)</b>	8:30	12:00	20	14:00	18:00	20
<b>6(Sat.)</b>	9:00	12:00	20	15:00	18:00	20
<b>7(Sun.)</b>	9:00	12:00	20	15:00	18:00	20

## Parameters setting

Menu	Description	
01	Temp. Offset	-8 °C ~8°C
02	Key Card	10 °C ~50°C
03	Heat, Cool, Heat/Cool	Heat, Cool or Dual
04	Set Point High Limit	10 °C ~30°C
05	Set Point Low Limit	10 °C ~30°C
06	Clock Setting	Mins-Hour-Weekday

Under power off , to access MENU mode, press M and + buttons simultaneously for 10 seconds until the MENU appears showing 01 which is menu 1 and each press of the M button will go to the next MENU.

## Wiring Diagram

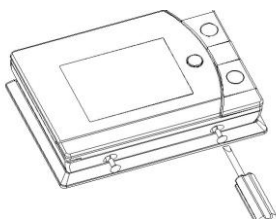


### WARNING:

Disconnect power before making electrical connection.

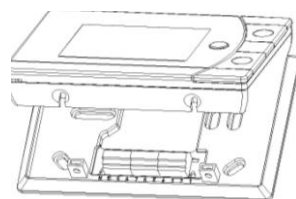
## Installation

1<sup>st</sup>



size: 34 x 94 x 28 mm

2<sup>nd</sup>



3<sup>rd</sup>

