



PROFESSIONAL OEM&ODM  
THERMOSTAT MANUFACTURER

# Fan Coil Unit Thermostats



Modbus

ISO9001:2015, ISO14001:2015



- 20 YEARS THERMOSTAT ODM EXPERIENCE
- EXPORT TO 35 COUNTRIES
- MANUFACTURER FOR TOP BRANDS
- CE, FCC, IC COMFORMED
- DESIGN FOR ALL HVAC SYSTEM
- ENVIRONMENTAL MANUFACTURING



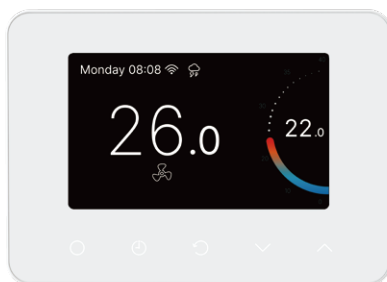
### **Mounting Type**

Surface Wall Installation



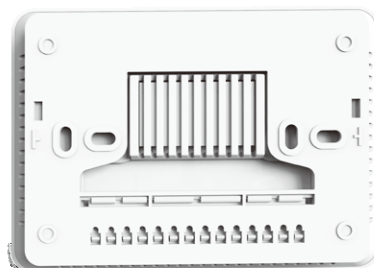
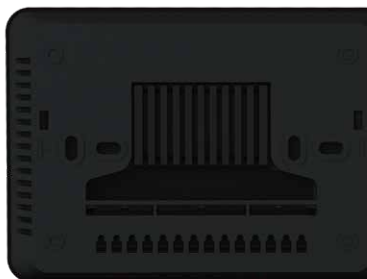
Dimension  
W-127 H-91 D-30.5 mm

**FT-70**



Dimension  
W-127 H-91 D-32mm

**FT-CS70**



**Back view of the product**



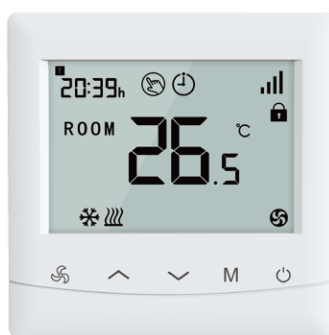
### **Mounting Type**

Flush Mounting, standard 86\*86  
junction box(hole pitch:60mm)



**Dimension**  
W-86 H-86 D-14 mm

**FT-06**



**Dimension**  
W-86 H-86 D-16.8 mm

**FT-08**



**Dimension**  
W-86 H-86 D-16.5 mm

**FT-09**



**Dimension**  
W-86 H-86 D-16.1 mm

**FT-66**



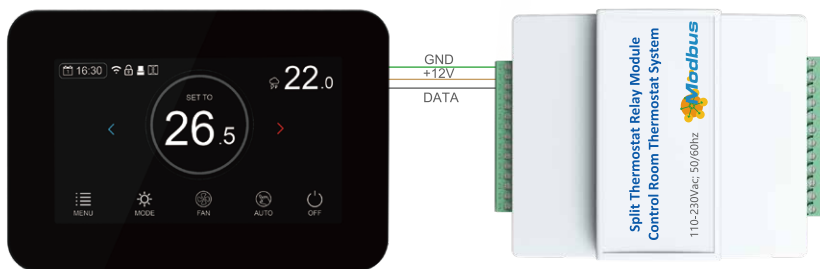
Dimension  
W-130 H-87 D-18.7 mm

**FT-CS01**



Dimension  
W-86 H-86 D-15.8 mm

**FT-CS08**



Dimension  
W-127 H-86 D-19 mm

**FT-CS03**

Features



capacitive color touch screen display / LCD display with white backlight



3-Fan Speeds Select & Auto Fan



Heat/Cool in option



0-10V for valve control/ fan speed control(Optional)



2 pipe or 4 pipe system



Child lock



Clock(Optional)



External sensor in option



Keycard (Optional)



Wi Fi



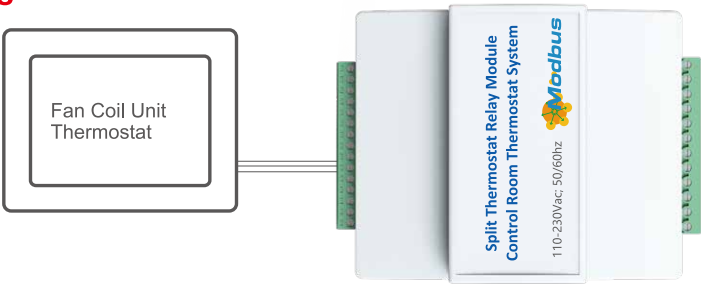
BACnet

Modbus

Specification

Power Supply	AC24V; AC230V,50/60Hz
Temperature Sensor	NTC 10K
Setpoint Range	Default 5~35 C
Accuracy	±1 C
Backlight	White
Control Performance	ON/OFF control or Modulating
Thermostat Output	SPST replay for 2-pipe models
Pipe	2 SPST replay for 4-pipe models
Switch Current Rating	5A(Resistive), 2A(Inductive)
Operating Enviroment	0~45 C
Humidity	5~95% RH (non-condensing)
Cover	PC+ABS
Protection Class	IP20
Power Consumption	< 0.5W

Notes



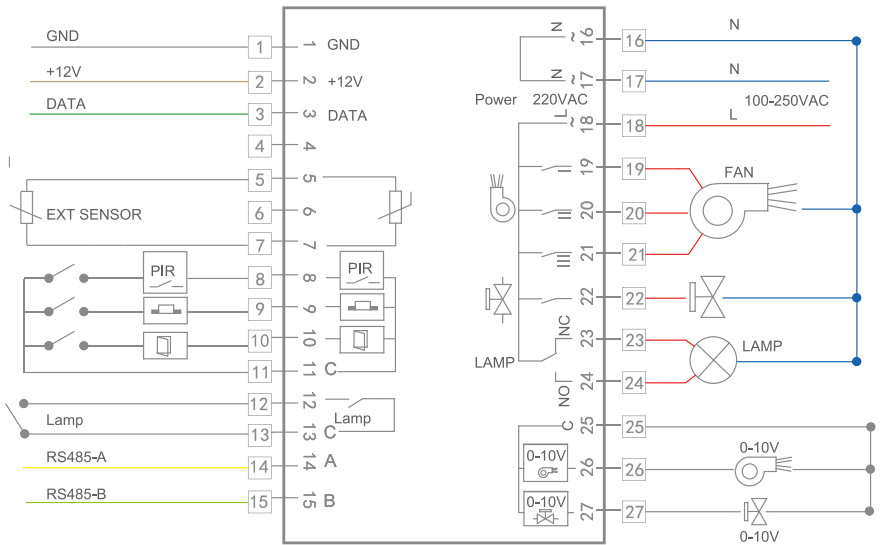
FT series thermostat support max.  
9 input & output.  
If more input & output required,  
IOM-01 relay module is recommended.

IOM-01

I/O module

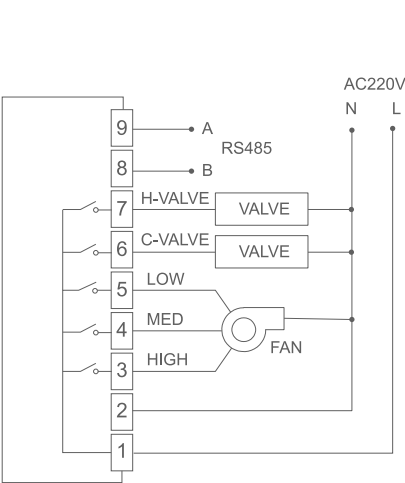
IOM-01 split relay module typical diagram

If using split thermostat solution, thermostat display can select from FT-06/FT-08/FT-66/FT-CS03; Relay module's input & output is customizable.

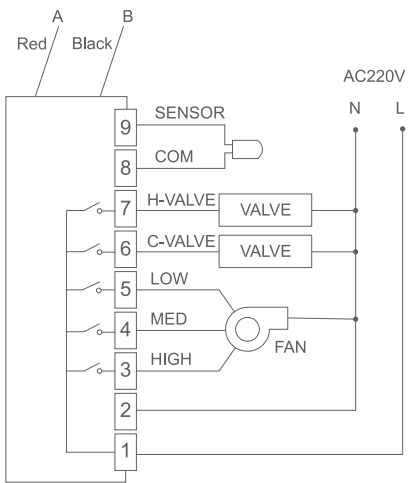


Stand-alone FCU thermostat wiring

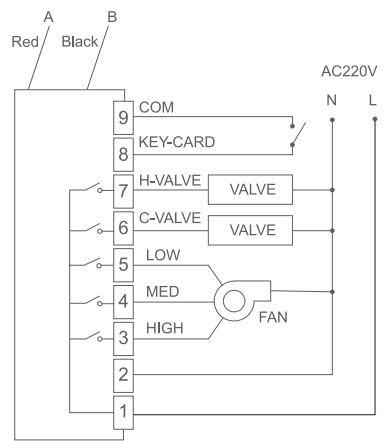
2/4 pipe with Modbus



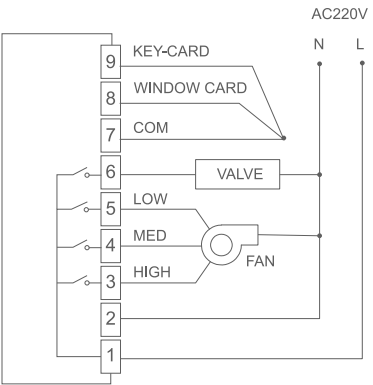
2/4 pipe with external sensor & Modbus



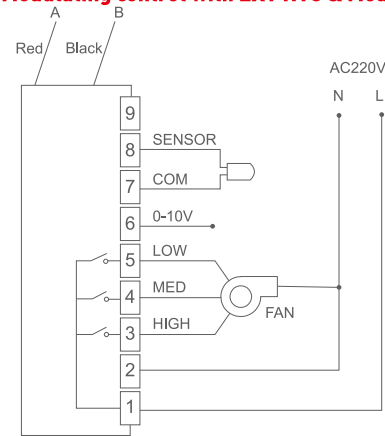
2/4 pipe with keycard & Modbus



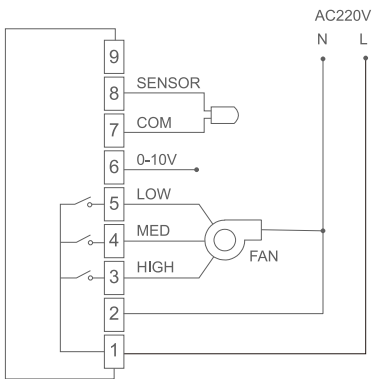
2 pipe with keycard and window card



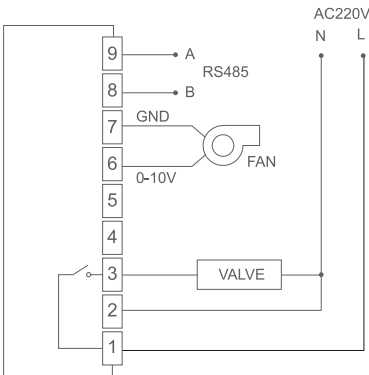
Modulating control with EXT NTC & Modbus



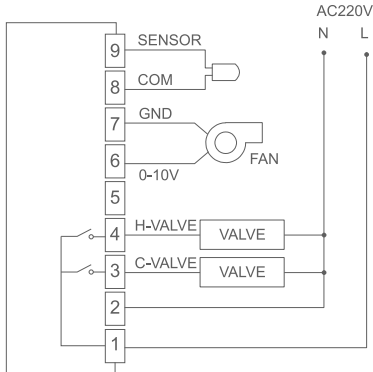
Modulating control with EXT NTC



EC fan 2 pipe and Modbus control



EC fan 4 pipe and external sensor control



# Hello



Driven by innovation, responsibility and passion, E-Top aims to provide professional HVAC control solutions to global customers. Our 20 years of thermostat ODM experience have helped to create a sustainable world with less carbon emission, while bringing more comfort to human life. We are committed to bring high level products and technical supports to the customers with continuous investment to the climate lab, facilities, advanced researching and management tools such as FMEA, APQP, PPAP for thermostat development. The devotion to thermostat has made E-Top as a reliable player in the HVAC industry, also form E-Top's advantages compared to other competitors.

- 📍 **Location:** Xiamen, China
- 📅 **Year of Establishment:** 2003
- 🏭 **Factory area:** 8000 m<sup>2</sup>
- 👥 **Number of Employees:** 100~200
- 🧑 **Member of R&D team:** 20
- 🌐 **Sales Network:** Europe, US, South US, Asia, EMEA
- 🏆 **Management System:** ISO9001:2015, ISO14001:2015
- 🏭 **Manufacturing capacity:** 5000 PCS/Day
- ★ **Business Focus:** only Thermostat
- 🏭 **Production structure :** SMT/Plug-in/Injection/Print/  
Assembly/Aging/Validation Lab/IQC/IPQC/Packaging



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