

Application



This digital thermostat is designed for application of 3-speed fan and water valves in fan coil system

Including:

- ⊙Cool Mode
- ⊙2-pipe water valve control
- ⊙3-speed fan control
- ⊙0-10V
- ⊙ Internal Sensor & External Sensor
- ⊙ Modbus

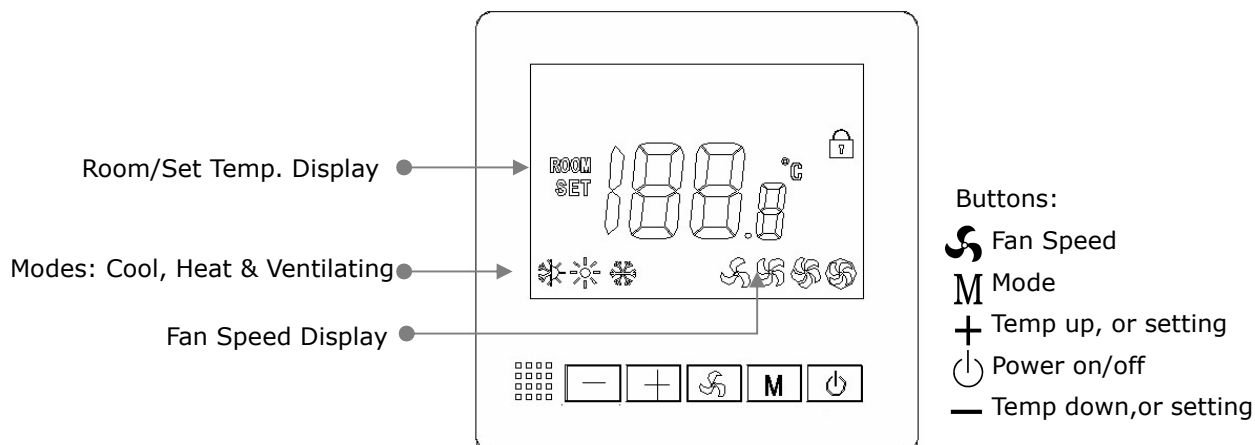
Technical Data

Power Supply	-	100~240Vac; 50/60Hz	Backlight	-	Blue
Relay Contact	-	3(1)A	Sensor	-	NTC 10K, 3950ohms at 25℃
Set-Point Range	-	10~30℃	Accuracy	-	±1℃ (step control by +0.5℃)
Ambient	-	0~50℃	Protection Class	-	IP30
Relative Humidity	-	85%	Housing	-	ABS to UL94-5 fire retardant plastic

Features

- ⊙Set-Point temperature display only.
- ⊙Cool Mode
- ⊙3-speed fan control selectable.
- ⊙2-pipe system
- ⊙0-10V
- ⊙Internal & External Sensor
- ⊙Modbus
- ⊙Lock/Unlock function
- ⊙86*86mm or EU standard junction box mounting

Operating Explanation



Installer Set-Up setting

Turn thermostat off, Simultaneously press “M” and “+” buttons for 10 seconds to access ISU(Installer Set-Up) setting, until the screen showing appears “01”, which is menu No.1. Each press M button to switch to the next menu.

No.	Description	Range
01	Temp. Offset	-8 °C ~8°C(Default 0°C)
03	Cold/Heat/Fan	Default: Cold
04	Set Point High Limit	5 °C ~99°C(Default 99°C)
05	Set Point Low Limit	5 °C ~99°C(Default 5°C)
06	LCD Temperature Display Room/Set/Dual	(Default Dual)
11	Dead Band	0.5 °C ~3°C(Default 1°C)
12	NTC Select	Room / Floor / Room or Floor
14	Volatile Setting	LA: (PREVIOUS STATE) / OF: (OFF) (Default LA)
15	Modbus ID	1~233, Default :1
16	Fan Status When Reach Set-point	S(stop); NS (Not stop, turns to Low) (Default NS)
19	Restore Factory Setting	rE(yes)
20	Software Version	2053

Wiring Diagram

