TX-868

Trueway

TX-868 series thermostats are stand-alone digital thermostat with LCD display. Designed for control fan speed, temperature, and on/off the valve in fan coil unit system.
Models are suitable for heating and cooling control of 2-pipe fan coil units. The fan speed can be manually controlled by fan speed key or changed to high/middle/low speed automatically in auto mode.

Sleeping function
Temperature will be raised 1℃ every hour until 26℃ under this mode. Especially useful during mid-nigth in spring and autumn.

Features
➢ Large digital LCD display with blue backlight
➢ manual 3-speed or auto fan
➢ on/off output for valve
➢ Sleeping function
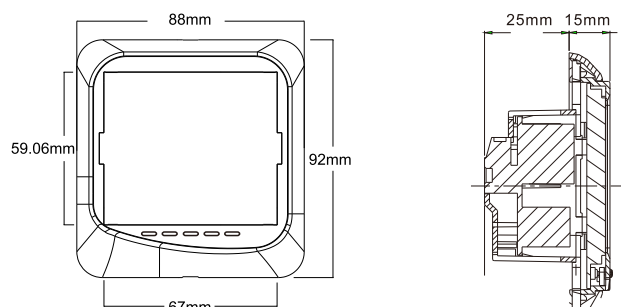➢ Mounted onto standard 86*86mm junction box
➢ heating/cooling mode control

Specifications
Application:2-pipe FCU
Power supply:Ac220±10% 50HZ/60Hz
Setpoint range/Setting unit:10℃ ~ 30℃/1℃ per step
Ambient conditions:0℃ ~ 50℃ Humidity: < 95%
Temp. Sensor:NTC 10K(25℃)
Mode setting:Cool and heating
Fan speed:Low, Mid, High and Auto
Control type:On/off control
Accuracy:±1℃
Enclosure:Fire retardant PC ABS
Wire port:≤1.5mm^2
Installation/ Dimension:Vertical/ 88×92×40mm(W×H×D)

LCD display

Heating   Power off
Cooling
Room temp.
Temp. Setting
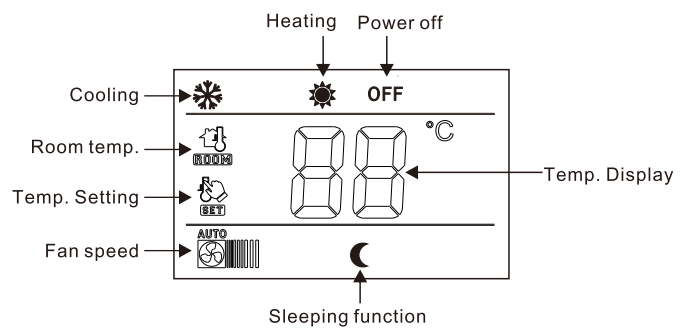Fan speed
Temp. Display
Sleeping function

Operation manual

1.Press" ⏻ " key to turn on or turn off the thermostat. " OFF ", "   " coin and room temperature will be showed on screen when power off under the activity of NO.5 sleeping function.

2.Press " △ " to increase 1℃ per step, while press " ▽ " to decrease 1℃, within the setpoint range .

3.Press "   " to swith the running mode: " ❄ "(Cool) or " ☀ "(Heat).

4.Press " ❀ " to switch fan speed : "   "(Low)," "(Mid), " "(High) , "   "(Auto).

   A. As setpoint 3℃ or more lower than the room temp."   "High speed is switched automatically .

   B. As setpoint approx. 2℃ lower than the room temp. "   " mid speed is switched automatically .

   C. As setpoint approx. 1℃ lower than the room temp. "   " low speed is switched automatically .

5.Sleeping function:

   Press "   " until the coin " ☾ " flash on screen, press " △ " to confirm when power is on

   Press "   " until the coin " ☾ " flash on screen, press " ▽ " to cancel when power is on

6.Temperature compensation:

   Press" ❀ " and"   " 3s to enter into the mode under power off, press " △ "to increase 1℃ per step, press " ▽ " to decrease 1℃ per step, within setting range -9℃~9℃, press " ⏻ " to confirm.

7. Press both " ❀ " and " △ " to enter into memory function setting under power off, press " △ " or " ▽ " to switch on/off.All status, including fan speed, mode, temperature and power on/off, will be stored when power failure.
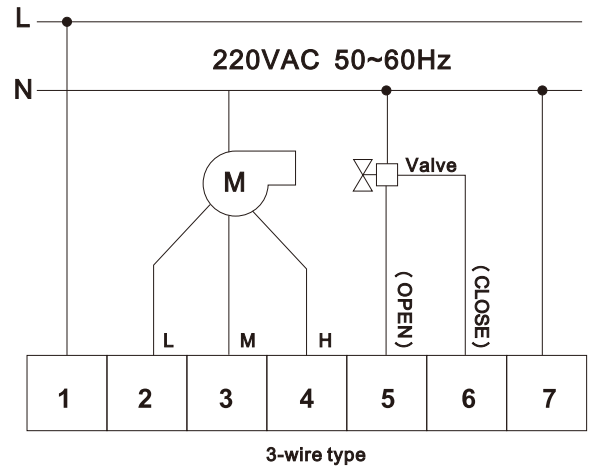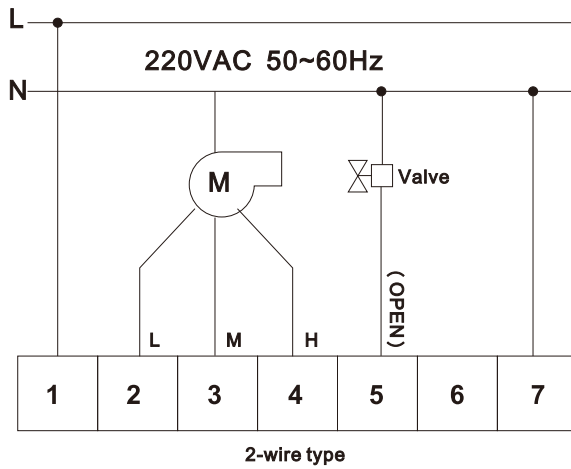
Dimensions

88mm
59.06mm
92mm
67mm
25mm 15mm

Wiring diagram

L ———————————————————————

220VAC 50~60Hz

N ———————————————————————

M ⋈ Valve

(OPEN)

L M H

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |

2-wire type

L ———————————————————————

220VAC 50~60Hz

N ———————————————————————

M ⋈ Valve

(OPEN) (CLOSE)

L M H

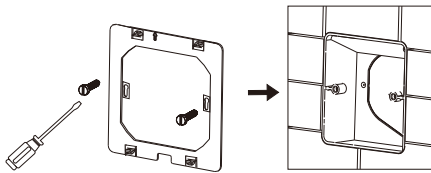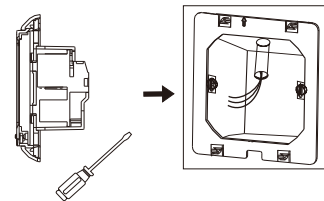| 1 | 2 | 3 | 4 | 5 | 6 | 7 |

3-wire type

Warning:

1. Installed by technician.
2. Make sure power is off.
3. Wire strictly to the wiring diagram.
4. The rates current load of our thermostat is 3A, so make sure current for FCU is less than 3A.
5. One thermostat is for one fan coil unit only, Avoiding burn out with large current.

Schematic Drawing

1. Fix the iron holder with screw and install it in the cassette on the wall.

2. Complete electrical connections correctly as to the wiring diagram.

3. Insert the thermostat and stuck it into the iron holder.