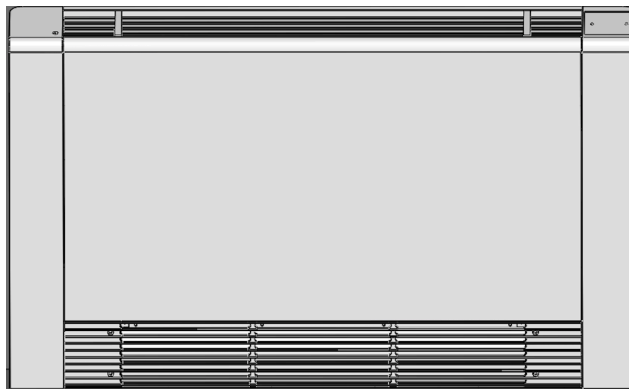




Fan Coil Unit

Thermostat User Manual



Ultra-thin Vertical Exposed Type Fan Coil

- 2 Pipe System

*Please read this manual before using the fan coil.

*Please keep this manual for future use

Technical Parameters:

Temp. Sensor: NTC Thermistor Power Supply: AC85~260V, 50/60Hz

Temp. Control Accuracy: $\pm 1^{\circ}\text{C}$ Self Power Consumption: $< 1\text{ W}$

Temp. Control Range: $5\sim 35^{\circ}\text{C}$ Load Current: 2 A (Impedance load) 1 A (Inductive load)

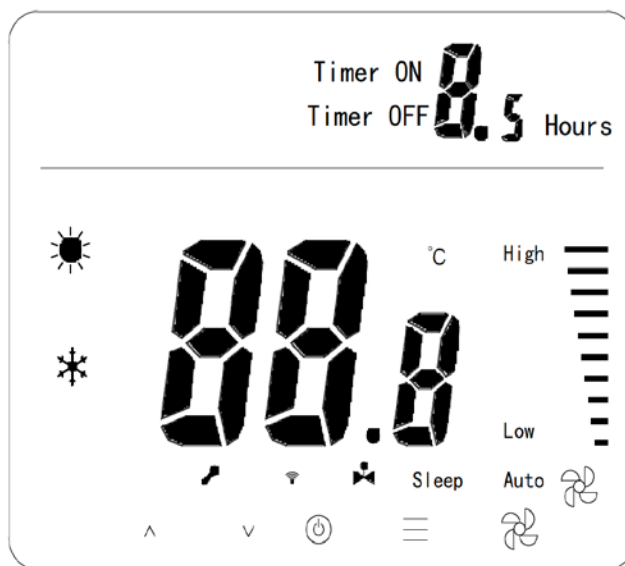
Display Range: $0\sim 50^{\circ}\text{C}$ Terminal Wiring: $2\times 1.5\text{ mm}^2$ or $1\times 2.5\text{ mm}^2$ Wire

Setting Temp. Range: $0\sim 45^{\circ}\text{C}$ Casing: PC+ABS Anti-Fire

Screen : LED Dimension: $86\times 86\times 13\text{ mm}$ (LxWxH)

Buttons: Touch IP Class: IP 30

Introduction of Keys:



★Cooling ❄️

★Heating ☀️

★Fan Speed. 🌀

★Room Temp. Display

★Setting Temp. Display

★Timer ON/OFF

★Sleeping Mode

★Error 🔧

★Motorized Valve 🚰

Buttons:



★Temp. Setting (▲▼) ★ON/OFF (🔌)

★Mode (☰) ★Fan Speed (🌀)

Operating Instructions:

»ON/OFF: Press“🔌”to turn on or turn off.

»Temp. Setting: Press“▼”and“▲”to adjust the temp., each time adjust 1°C .

»Mode: Press“☰”to change, “❄️”is cooling, “☀️” is heating.

»Fan Speed: Press“🌀”to adjust the fan speed: Three speed fan and Auto mode to be selected.

»Temp. Standardizing: When the unit is OFF, press both“≡”and“⚙” for 2 seconds till you hear “buzz” ,then you will see“XX°C”, press “Λ”or“V”to adjust the correct temp. value, in 5 seconds it will be automatically confirmed.

» Error: When the unit is on, press “≡+ ⚙” to enter the page of error checking list, The screen will show “E -”, press “⚙”to see on the top right place sequenced by 1-5 error records, if there's no errors, it will show “E - ”

E - No Error

E – 3 Fan Error

E – 1 Communication Receiving Error

E – 4 Communication Sending Error

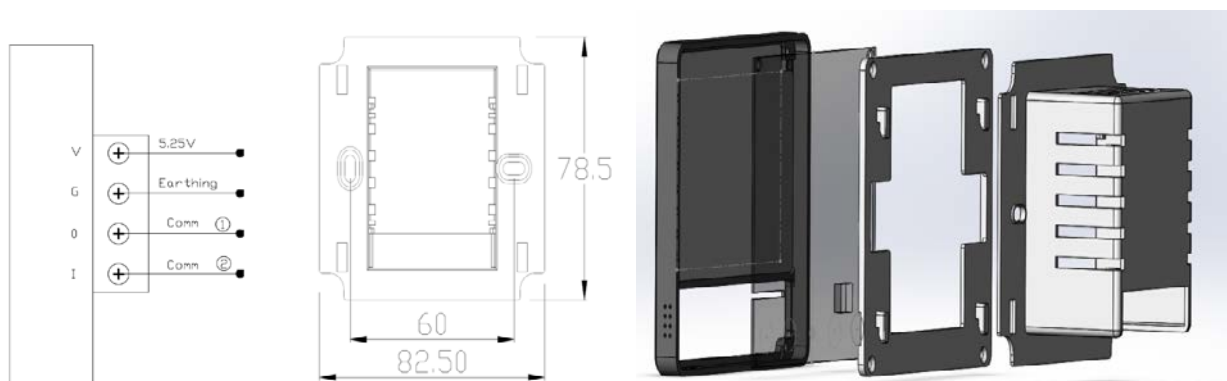
E – 2 Temp. Sensor Error

» Fan Speed Adjustment Setting : When the unit is OFF, press “Λ+ ⚙”for 2 seconds till you hear “buzz”, then you enter the interface on “Fan Speed Adjustment Setting”, Firstly to set fan No. 1 high speed limitation, press “Λ” or “V” to set the value, each time value change is 5, then press “≡” to set fan NO. 1 low speed limitation, then fan NO. 2 high speed and low speed limitation, press ⏻ to quit after setting, all settings will be saved.

» Sleeping Mode: When the unit is on, press “Λ+ V” for 2 seconds till you hear “buzz”, the sleeping mode is turned on, “Sleep” icon is shown on the screen. Press again “Λ+ V” for 2 seconds to cancel the “Sleep” mode. Sleeping execution: In cooling mode, after one hour the temp. will increase 1C, after 2 hours the temp. will increase 2C, in 3 hours the unit will be turned off. 【If the temp. reaches the setting temp. it will also be turned off】. While in heating mode, after one hour the temp. will decrease 1C, after 2 hours the temp. will decrease 2C, in 3 hours the unit will be turned off. 【If the temp. reaches the setting temp. it will also be turned off】.

» Timer: When the unit is ON, press both “V” + “≡” for 2 seconds till you hear “buzz”, then you enter the interface on “Turn On Timer Setting”, “Timer ON” blinks, “--” means Timer function is disabled; now press “≡”, “--” is replaced by numbers, press “Λ” or “V” to set timer, each time 0.5 hour, range is from 0 to 9.5 hours. After setting, press ⚙ button to go back to OFF status, starts to reduce the running time till 0 and then you hear a “buzz” to turn off the unit. In case the timer function is not active, it will not be shown on the screen.

Wiring Diagram and the Installation Drawing.



⚠ Caution: Wiring diagram must be followed strictly and avoid water and any other impurity to enter the thermostat, or else it will damage the thermostat.