

Ventilator Intelligent Controller KCS 530EQ425C

(Three speed)

IAQ31.CO2 Ventilator Intelligent Controller is with touch screen technology and equipped with infrared remote control, it's flexible and convenient to operate. It can monitor real-time indoor temperature, CO2 concentration. Controller output signal can directly control the startup and speed of ventilator. It can be widely used in residential, commercial and industrial applications, and can effectively improve air quality, create a healthy, comfortable, energy-efficient living and working environment.

Product features:

Manual or timing Set the fan operation

Output control 3 speed fan

Indoor CO2 monitoring control output

Blue background light, energy saving mode

Infrared remote control

RS485 control(optional)

Also can measure the current temperature

Large LCD screen with bright backlight, work to use.

Suitable for house, shopping mall, bus station and indoor other places.

Embedded 86 box installed

Specification:

*Dimension:86×86×40mm

* Warm-up time: 1 minute

*Fixing hole distance:60mm(standard)

* Response time:≤10 seconds

*Wiring terminal: Max 2.5 mm² wire

* Recovery time: ≤30 seconds

*Rated voltage:AC220V 50Hz

* Operating temperature:-10℃--+50℃

*Standby Power: ≤0.5W

* Operating humidity:5%RH--90%RH

*Control power: ≤200W

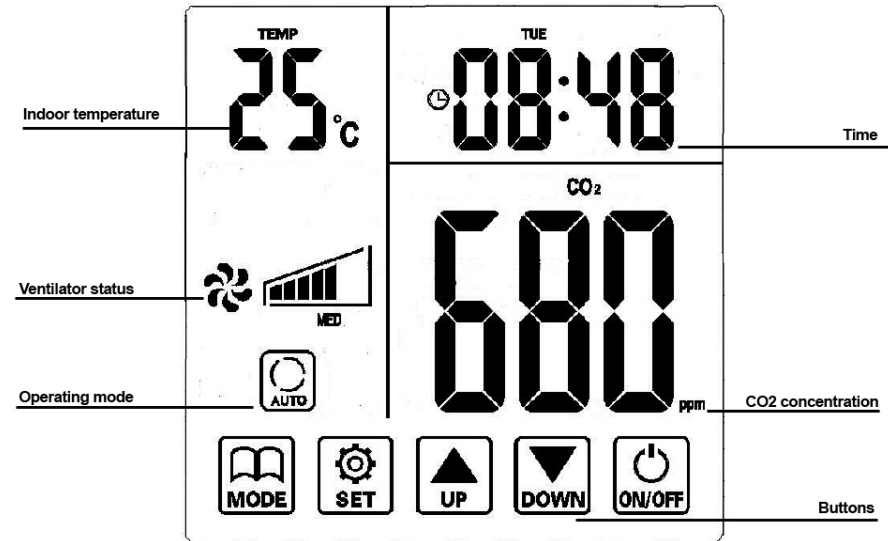
* Storage temperature:-10℃--+60℃

*Output interface:Three-speed ventilator * Storage humidity: ≤60%RH

*Temperature display range:0℃—50℃ * Life: ≥10 years

*CO2 display range:350ppm—3000ppm

Display explanation:



Buttons' function:

- 1、 button: Power on/off
- 2、 button: Parameter increase
- 3、 button: Parameter reduce
- 4、 button: Timing parameter setting
- 5、 button: setting working mode for controller, press this button slightly, the controller will be switched circularly between "AUTO — MANUAL — TIMER".

Detailed explanation:






1. AUTO (auto mode): high speed: CO2 concentration exceeds the setting concentration value of 300ppm; middle speed: CO2 concentration exceeds the setting concentration value of 100ppm; low speed: CO2 concentration exceeds the setting concentration value; stop: CO2 concentration is below the set concentration value.

2. MANUAL: set the ventilator as OFF(stop)、LOW(low speed)、MED(middle speed)、HIGH((high speed))by buttons ▲ and ▼, and under this mode, the

ventilator will run according to the setting, won't be affected by CO2 concentration.

3. TIMER (timing mode): run according to set time & speed, can set from Monday to Sunday, 4 periods every day, and 28 periods in total.

4. Automatic mode –concentration value setting when the ventilator starts: under the auto mode, press ▲ or ▼ button for one second, it will appear CO2 concentration setting value and flicker, then press ▲ and ▼ buttons to change the number (from 350–600ppm). Controller will return to normal working condition and save setting parameter automatically if you won't press any buttons more than 10 seconds during the setting process.

5. Timing parameter setting: press  button for 2 seconds to enter parameter setting. First enter “local time adjust”, press  button to switch week, hour and minute, the corresponding parameter will flicker, change the number by ▲ and ▼ buttons; after finishing adjusting local time, press  button to enter the first period hour setting on Monday, press  button to switch hour, minute, and ventilator speed, press ▲ and ▼ buttons to change the number. After finish the setting, press  button to enter the second period hour setting on Monday.... Repeat above steps to finish all the 28 periods setting. Controller will return to normal working condition and save setting parameter automatically if you won't press any buttons more than 10 seconds during the setting process.

6. Remote control: operation method & function of buttons on remote control is the same as that of touch buttons on ventilator controller.

7. Backlight: blue color backlight, the backlight turns on when operate buttons and or remote control, the backlight automatically turns off if without operation of buttons or remote control more than 10 seconds.

Product List

- 1 * Ventilator Controller
- 1 * Remote control
- 2 * Screws
- 1 * User manual(EN)
- 1 * Retail box



Wiring & Installation diagram:

