Electronic temperature controller installation and operation manual

Electronic temperature controller KJRP-86A1-E is suitable for the industrial, commercial and civilian buildings.It controls the fan coils in the terminal of the central air conditioner. This temperature controller has a large screen liquid crystal display, and it can be easily operated and has stable performance.

Room temperature Setting, temperature compensation, four kinds of fan speed mode,working mode switch, timing on and timing off , clock functions .

Product functions:

Key functions: Power key(⏻), mode key (M), fan speed key (✣),key of adjusting the setting (▲ , ▼).

1 Operation

➢ ON/OFF: Press the " ⏻ " key once, then the unit and the display screen will be operated; press again, the unit and the display screen will be off.

➢ Setting mode: Under default interface, press "M" key, switch the mode (Heat, Cool).

➢ Setting fan speed: Under default interface, press " ✣" key, switch the fan speed (Auto, Low, Med, High).

➢ Setting temperature: Under default interface, press the " ▼ " button to decrease the setting temperature (long press 3s for continue adjusting), press " ▲ " to increase the setting temperature (long press 3s for continue adjusting); each pressing will change 1℃ .

➢ Timing on setting: Press "M" key, until the "hh" in the "hh:mm" flashes (at the time "TIMING ON" icon display), press " ▼ " or " ▲ "to adjust the timing on hour (long press 3s for continue adjusting); press " ✣" key again, the "mm" in the "hh:mm" flashes , press " ▼ " or " ▲ " to adjust the timing on minute (long press 3s for continue adjusting), press "M" key for confirmation (no key operation for 5s will be auto confirmed, press "M" key before confirmation will enter to the timing off setting) and back to the default interface.

➢ Timing off setting: Enter to the timing on setting, press "M" key, until the "hh" in the "hh:mm" flashes (at that time "TIMING OFF" icon display), press " ▼ " or " ▲ " to adjust the timing off hour (long press 3s for continue adjusting); press " ✣" key again, the "mm" in the "hh:mm" flashes , press " ▼ " or " ▲ " to adjust the timing off minute(long press 3s for continue adjusting), press "M" key for confirmation (no key operation for 5s will be auto confirmed, press "M" key before confirmation will enter to the clock setting) and back to the default interface.

➢ Clock setting: Enter to the timing off setting, press "M" key, until the "hh" in the "hh:mm" flashes (at that time "TIMING ON" and "TIMING OFF " icons will not display), press " ▼ " or " ▲ " to adjust the clock hour (long press 3s for continue adjusting); press " ✣" key again, the "mm" in the "hh:mm" flashes , press " ▼ " or " ▲ " to adjust the clock minute (long press 3s for continue adjusting), press "M" key for confirmation (no key operation for 5s will be auto confirmed, press "M" key before confirmation will enter to the clock setting) and back to the default interface.

➢ Cancel the timing on: during the timing on setting, adjust the time to be "00:00" or under default interface press " ✣ " key for 3s to cancel the timing on.

➢ Cancel the timing off: during the timing off setting, adjust the time to be "00:00" or under default interface press " ✣" key for 3s to cancel the timing off.

➢ Temperature compensation setting: Under the power off, press "▼&▲" key for 3s, the display of "SETTING TEMP" will display the temperature compensation value; press "✣ " key to change the temperature compensation plus-minus, press " ▼ " or " ▲ " to adjust the temperature compensation value (long press for continue adjusting), press "M" key for confirmation (no key operation for 5s will be auto confirmed) and back to the power off state.

2 Technical parameters

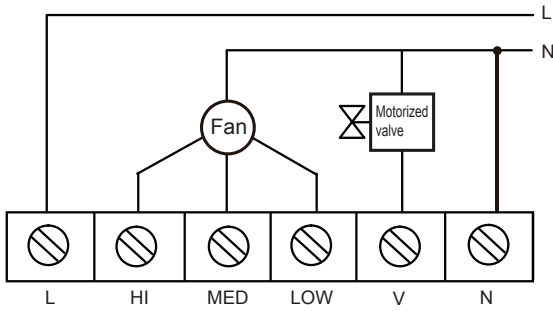| Name	Electronic temperature controller
Model	KJRP-86A1-E
Power voltage	AC220V±10％,50Hz
Power consumption	<2W
Loaded current	<1A
Accuracy of control temperature	±1℃
Display accuracy of indoor temperature	1℃
Setting temperature range	17～30℃
Storage temperature	-5～55℃
Working temperature	5～45℃
Relative humidity	<92%
Installation method	standard 86 box installation
Surface material	PC+ABS antiflaming
Surface size	86×86×15mm

3 Alarm

When the temperature of controller is over working temperatu
-re, the "room temp" display area will display " E1 "。

Maintain guide:

If the controller can't control fan coil noamally, please
contact the customer service.
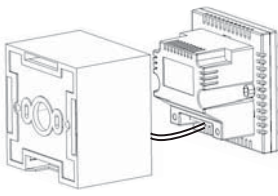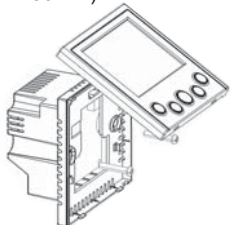
4 Wiring diagram

5 Packing accessories

Name	Qty.
Installation and operation instruction	1 pc
Bolt(M4)	2 bolts

6 Installation instruction

1. As the figure connect the product's terminals with the reserved wires in the 86 box;

2. Open the front cover from two lower button positions;

3. Use M4 botls to install the box bottom to the standard 86 box; (the required depth of the box bottom ≥50mm)

4. Fasten the front cover.