KTH-082 Temperature&Humidity Remote Controller

20-90%RH (No condensation)

(Energized state)

Overview

Adopting the MCU control system, the product provide a real time monitoring and controlling over temperature and humidity, which assures an appropriate ambient temperature and humidity through intelligent climate control.

1.Functions

1.1The temperature and humidity values are displayed on a high definition LCD screen.Displaying diagram as below, i.e.(Figure 1):

- Displaying humidity measurement by 2 digits, i.e: 60%RH.
- Displaying humidity set value : In the set state, 500ms/time,humidity set value is blinking ,i.e: 40%RH.
- Displaying temperature measurement value by 2 digits, i.e: 25℃ .
- Displaying temperature set value: In set state, 500ms/time.temperature set value is blinking: i.e.: 25℃ .
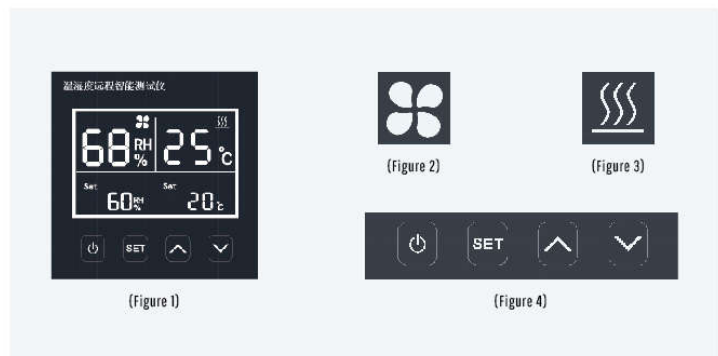- Dehumidifying mode indication, i.e.(Figure 2):
  When the equipment is in dehumidifying mode, it display the status by the dynamic fan.
- Heating mode indication, i.e.(Figure 2):
  when the equipment is in heating mode, it display the status by heating signal.

1.2Button, i.e.(Figure 4):

- "POWER": Press this button to switch on or off.
- "SET": In the boot state, press this button, the product is in setting mode for temperature of humidity. Meanwhile, the digital display of humidity or temperature blinking.If no button press within 10 seconds, it automatically exit the setting status .
- "PLUS":In the set state, press this button, the set values increase one as per each single press. The max. Humidity set value is 80%RH,and the max. temperature set value is 60℃.Exiting setup automatically, if no button press in 10 seconds.
- "MINUS":In the set state, press this button, the set values decrease one as per each single press. The min. Humidity set value is 10%RH,and the min. temperature set value is 5℃.Exiting setup automatically, if no button press in 10 seconds2.

(Figure 1)

(Figure 2)

(Figure 3)

(Figure 4)

Input voltage	AC220V±10%, Other voltages can be customized
Humidity range	20-90%RH （no condensation）
Humidity accuracy	±5%RH （at 25℃）
Temperature range	-20 ~ 80℃
Temperature Accuracy	±1℃ （at 25℃）
Humidity set range	20-80%RH
Operating temperature/humidity	temperature -20℃ ~ 60℃， humidity 10 ~ 95 %RH （no condensation）
Storage temperature/humidity	temperature -10℃ ~ 40℃， humidity10 ~ 90%RH （no condensation）
Switching capacity	pure resistance load AC250V/10A， DC30V/5A
Power down memory	Intelligent memory for its preset parameter in case of power failure