BACNET COMMERCIAL THERMOSTAT/ CONTROLLER

3-SPEED FAN AND VALVE CONTROL

PRODUCT BROCHURE

HWM-F08-PSB-21/22 SERIES

FEATURES

- Typical used in FCU air conditioning systems, with 3-speed fan control and one/two water valves

- Designed for BACNet MS/TP network with a PIC statement to further facilitate integration

- A PIC statement can be easily mapped back to a graphical user interface

- Self-configuring/adjustable baud-rate senses the communication conditions of the current MS/TP network and matches them

- LCD displays working status such as room temperature, set point, fan speed, etc. which makes status monitoring and operating easy and accurate

- User-friendly setup menu

- Large set point range

- Low temperature protection

- Celsius or Fahrenheit degree selectable

- Infrared Remote Control (optional)
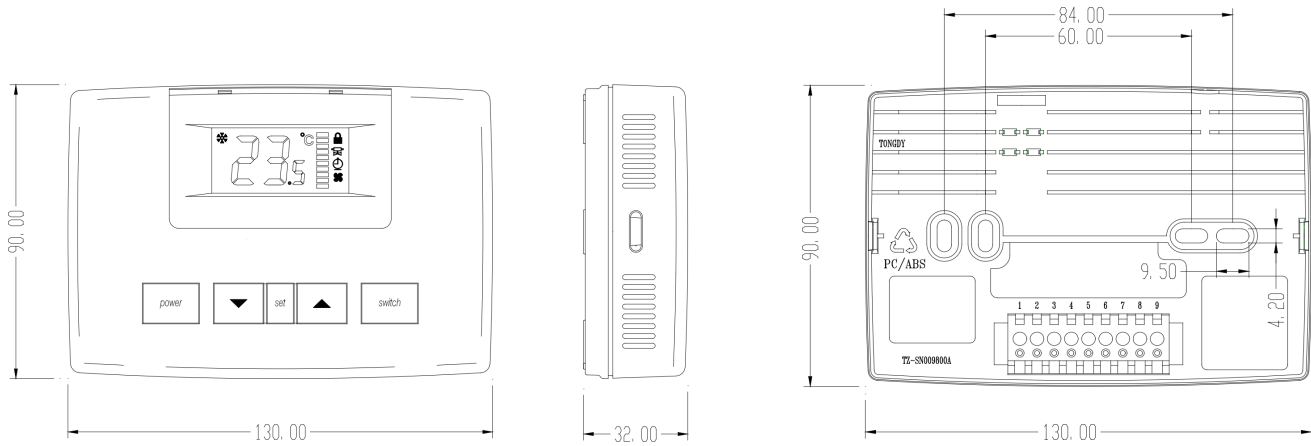
- Blue backlight (optional)

SPECIFICATIONS

Power supply	24VAC/VDC±10%
Outputs	3 relay outputs with each 5A for 3-speed fan 2 x Triac outputs with each 1A for one or two water valves
BACnet interface	BACnet MS/TP with adjustable baud-rate
Temperature Sensor	NTC 5K
Temperature Control Range	5-35°C
Accuracy	±0.5°C @25°C
Display	LCD
Net Weight	280g
Dimensions	130mm(L)×90mm(W)×32mm(H)
Mounting Standard	Mounting on or inside the wall, 2"×4"/ 65mm×65mm box

MODEL SELECTION

Types	Model	Characteristic
BACnet thermostat for 2-pipes FCU systems Power supply: -(F): 24VAC	HWM-F08-PSB-21- (F)	3-speed fan auto or manual adjustment, 1X on/off output to one 2-wire valve/damper
BACnet thermostat for 4-pipes FCU systems Power supply: -(F): 24VAC	HWM-F08-PSB-22-(F)	3-speed fan auto or manual adjustment, 2X on/off outputs to two 2-wire valves for 4 pipes systems. Cooling/heating auto change over or manual switch selectable

Types	Options	Characteristic
Options	Blue Backlight -EL	LCD Blue backlighting.
	Remote Control-R	Infrared remote control

DIMENSIONS AND MOUNTING

WIRING DIAGRAM

HWM-F08-PSB- 21- (C)

HWM-F08-PSB- 22- (C)