

BACnet Commercial Thermostat/Controller

3-Speed Fan and Valve Control

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

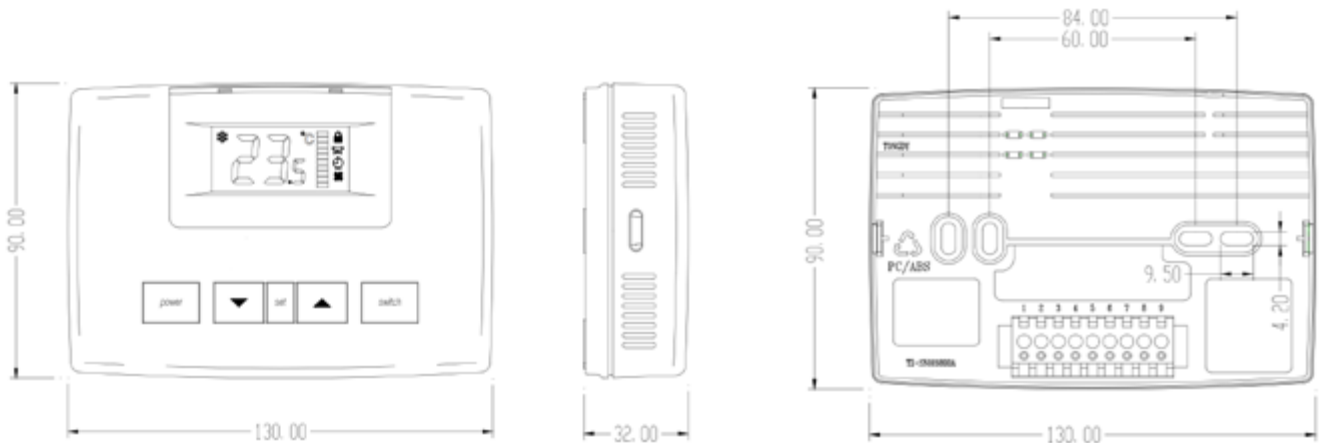
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Model Selection

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

