



Wall-mount, 24VAC thermostat, for Fan-Coil applications with integrated Passive IR (PIR) Occupancy Sensor and BACNET B.M.S. interface

The ETNC24-FC-PIR-BAC-02 is an advanced, energy saving thermostat suitable for hotel rooms and offices controlling the Fan Coil.

The thermostat offers various configurations, either Cool/Heat/Auto/Fan, or alternatively Cool Only or Heat Only, all of which are selectable with 1, 2 or 3 fan speed control.

The thermostat can be adjusted to the field configuration either from the BMS or by DIP Switches and simple Technician Settings interface using the buttons and LCD display. All these qualities make the ETNC24-FC-PIR-BAC-02 suitable for wholesalers, keeping a stock on the shelf and supplying the proper configuration according to customers' specifications as well as for the technicians who can use it for various applications.

Features

- Wall mount, 24VAC thermostat
- Modes: Cool/Heat/Fan only/Auto
- Fan speeds: 1, 2 or 3 + Auto speed
- Economy mode + Sleep mode + Set point limits
- Window contact - normally open/normally close - DIP switch selectable
- Internal/external sensor - DIP switch selectable
- Auto fan - fan on demand
- 2 pipe or 4 pipe Fan coil control
- Integrated Occupancy Sensor (PIR)
- BACNET/MSTP interface
- Lock buttons - option
- Energy saving - cost efficient, environmental friendly thermostat
- Celsius or Fahrenheit temperature scales
- IR option
- Freeze protection
- Filter counter and Alarm



Applications

2 pipe
4 pipe
Cool Valve and Elect. Heater
2 nd stage Elect. Heater
1 st stage Radiator Heating
2 nd stage F/C Heating
Chilled beam
Floor Heating

* A/C Applications are available in other models

Wiring diagram

11	Fan high	} Indoor fan (0.5A) 1, 2 or 3 speeds
12	Fan medium	
13	Fan low	
14	Heat element (0.5A)	
IN	} Contact input / External PIR / Remote on/off switch T2 Change over sensor / T3 Soft start sensor	
0		
B	} Communication RS 485 BACnet protocol	
A		
0	} T1 Return air sensor / T3 Soft start sensor / Door switch Door switch	
T1		
15	Cool valve (4P) / Cool/Heat valve (2P) (0.5A)	
16	Heat valve (4P) (0.5A)	
C	} Main supply 24VAC	
R		

ETN

Wall mount thermostat
24VAC

Colors



white silver black gold others



Accessories

TS01	RS01	RS02	WP4	RS03
-------------	-------------	-------------	------------	-------------

Specifications

Temperature Range	10°C ÷ 30°C, 50°F ÷ 86°F	Accuracy	±1°C
Weight	0.25 Kg	Plastic	PC/ABS
Scale	°C / °F	Flammability	UL94V-0
Color	white, silver, black, others	Temperature Input	50k@25°C

