



T60xDFH-3+PIR Fan Coil Thermostat Controllers

with Onboard Occupancy Sensor



- Extra energy savings from onboard occupancy sensor without extra installation costs
- Diagnostic LED confirms motion detection operation
- Door switch use increases application scenarios providing more efficiencies
- Dehumidification capability increases occupancy comfort
- Three-speed fan control
- Advanced control signals for application flexibility
- Selectable Fahrenheit or Celsius temperature display
- Additional Binary Inputs for more advanced functions

The T60xDFH-3+PIR Series Thermostat Controllers with a built-in occupancy sensor can result in up to 30% energy savings in high-energy usage, light commercial buildings, such as school and hotels. These stand-alone devices use conservative standby setpoint strategies during occupied times. With the T60xDFH-3+PIR Series, you can control two- or four-pipe fan coils, cabinet unit heaters, or other equipment using on/off, floating, or proportional 0 to 10 VDC control input, three speeds of fan control. Plus, you can add dehumidification capability.

The non-programmable T60xDFH-3+PIR Series Thermostat Controllers provide the user access to parameters such as system mode, fan mode, and temperature setpoints. Additionally, these have over 20 configurable parameters enabling the thermostats to adapt to a variety of applications.

T60x SERIES FAN COIL THERMOSTAT CONTROLLERS



T60xDFH-3+PIR Thermostat Controller in hotel and school applications.

Features	Benefits
Onboard Occupancy Sensor	Provides energy savings without additional installation time/cost
Diagnostic Light-Emitting Diode (LED)	Provides visual confirmation of motion detection for a period of up to 30 minutes
Door Switch in Conjunction with Occupancy Sensing	Adds more efficiency by associating a door switch into the sequence of operation
Dehumidification Capability (Dehumidification Models)	Increases occupancy comfort by providing dehumidification
Backlit Liquid Crystal Display (LCD)	Offers real-time control status of the environment in easy-to-read, English plain text messages with constant backlight that brightens during user interaction
On/Off, Floating, or Proportional 0 to 10 VDC Control	Offers additional application flexibility by providing more advanced control signals
Three Speeds of Fan Control	Provide easy FAN speed selection, via the interface key, to meet the application requirements
Temperature Scale Selector Key	Offers guests the ability to select a Fahrenheit (F) or Celsius (C) temperature scale display
Two Configurable Binary Inputs	Provide additional inputs for advanced functions such as remote night setback, service or filter alarms, motion detector, and window status
Over 20 Configurable Parameters	Enable the thermostat controller to adapt to any application, allowing installer parameter access without opening the cover

T60xDFH-3+PIR Models for Two- or Four-pipe Fan Coil Equipment		
Product Code	Control	Dehumidification Capacity
T601DFH-3+PIR	Two On/Off	no
T602DFH-3+PIR	Two On/Off or Floating	no
T603DFH-3+PIR	Two On/Off or Floating	yes
T604DFH-3+PIR	Two Proportional 0 to 10 VDC	no
T605DFH-3+PIR	Two Proportional 0 to 10 VDC	yes

Accessories (Order Separately)	
Product Code	Description
SEN-600-1	Remote Indoor Air Temperature Sensor
TE-6363P-1	Outdoor Air Temperature Sensor
TE-6361M-1	Duct Mount Air Temperature Sensor
TE-636S-1	Strap-Mount Temperature Sensor

Note: Additional TE-63xx-x Series 10k ohm Johnson Controls Type II Thermistor Sensors are available; refer to the TE-6300 Series Temperature Sensors Product Bulletin (LIT-216320) for more details. When a TE-63xx-x Series Sensor is installed according to remote sensing wiring, the thermostat controller controls based off the temperature sensed by the TE-63xx-x Series Sensor.