



Specification Sheet

TEC-3623 Thermostat Zone Controller (Occupancy Motion Sensor)

Description

TEC-3623 Series Thermostat Controller is a stand-alone and field-selectable BACnet® Master-Slave/Token-Passing (MS/TP) or N2 networked devices that provide proportional control of:

- Local hydronic reheat valves
- Pressure-dependent VAV equipment with or without local reheat
- Two (2) or four (4) pipe fan coils
- Cabinet unit heaters
- Other zoning equipment using 0–10VDC proportional control input

The TEC-3623 features a field-selectable Building Automation System (BAS) BACnet MS/TP or N2 communication capability that enables remote monitoring and programming for efficient space temperature control. The built-in motion sensor provides occupancy sensing capability, maximizing up to 30% energy savings in high-energy usage, light commercial buildings (savings occur during occupied times by using additional standby setpoints).

The TEC-3623 includes a bright, high-definition capacitive touchscreen display that provides responsive feedback and improved readability of text and icons. The home screen is configurable to Modern and Classic themes (with Light and Dark variations), with an intuitive UI that makes setup and operation quick and easy.



Motion Sensor

Built-In occupancy sensing capability maximizes energy savings during occupied hours.

Available in a stylish white high-gloss finish

Two Configurable Binary Inputs	Provide additional inputs for advanced functions such as remote night setback, service or filter alarms, motion detector, and window status, and configures the application to respond accordingly.
Field-Selectable BACnet MS/TP or N2 Networked Communication	Simplifies the upgrade from N2 networked communication to BACnet MS/TP networked communication without changing hardware.
Occupancy Sensor Motion Detection	Built-in occupancy sensor provides motion detection coverage at a minimum 94 angular degrees up to a distance of 15 ft. (4.6m), based on a clear line of sight.
USB Port Configuration	Reduces installation time by allowing simple backup and restore features from a USB drive, which enables rapid cloning of configuration between like units.
Color Backlit Liquid Crystal Display (LCD)	Offers real-time control status of the environment in easy-to-read, plain text messages with adjustable backlight that brightens during user interaction.
Configurable Touch Screen UI	Allows facility managers to limit the user interaction with the thermostat controller display based on specific energy policies.
End-of-Line Switch	Simplifies the layout and installation of communication buses.
Integral Humidity Sensor	Monitors space humidity; activates dehumidification control on two-pipe fan coil units with reheat and four-pipe fan coil units with or without reheat.
Mobile Access Portal (MAP) Gateway Compatibility (MAP Release 4.0 or Later)	Allows the user to view equipment and control conditions using mobile devices.
Stand-Alone and BACnet MS/TP or N2 Networked Models	Offers application flexibility.
Proportional 0–10VDC and Single or Two-Stage Control	Offers additional application flexibility by providing more advanced control signals.