VT7200 SERIES

BACnet, LonWorks, Zigbee and Zigbee Pro Models Available

Smart energy management has never been easier than with the VT7200. Designed for new construction or retrofit projects, the controllers dramatically decrease total costs by reducing installation time, configuration and commissioning time. The VT7200 provides the advanced features and monitoring functions required by modern building automation systems without the use of software and commissioning tools.

Advanced occupancy functions

Advanced occupancy functions through the network or smart local occupancy sensing

Minimize parameter tampering

Password protected configuration utility

Auxiliary output

Can be used for lighting or reheating

Lockable keypad

Tamper resistant, no need for thermostat guards

Pre-configured sequences

Pre-configured sequences of operation…one model meets more applications and reduces project delivery cost

Configurable inputs

Three configurable inputs for added functionality

APPLICATIONS

- Variable Volume and Temperature (VVT)
- Perimeter radiation
- Duct reheat
- Induction unit
- Radiant floor control

SPECIFICATIONS

Thermostat Power Requirements	19 to 30 Vac; 50 or 60 Hz; 2 VA Class 2
Operating Conditions	0 to 50 °C (32 to 122 °F); 0 to 95% RH non-condensing
Storage Conditions	-30 to 50 °C (-22 to 122 °F); 0 to 95% RH non-condensing
Temperature Sensor	Local 10k NTC thermistor
Resolution	± 0.1 °C (± 0.2 °F)
Control Accuracy Temp.	±0.5 °C (±0.9 °F) @ 21 °C (70 °F) typical, calibrated
Occupied and Unoccupied Setpoint Range Cooling	12 to 38 °C (54 to 100 °F)
Occupied and Unoccupied Setpoint Range Heating	4.5 to 32 °C (40 to 90 °F)
Room and Outdoor Air Temperature Display	-40 to 50 °C (-40 to 122 °F)
Proportional Band for Room Temperature Range Control	Cooling & Heating: 1.8 °C (3.2 °F)
Binary Inputs	Dry contact across terminal BI1, BI2 & UI3 to Scom
Outputs Rating	Triac output: 30 Vac, 1 A max., 3 A in-rush; Analog: 0 to 10 Vdc into 2k Ω resistance min.
Economizer Analog Output Rating	0 to 10 Vdc into 2k Ω resistance min.
Economizer Analog Output Accuracy	±3% typical

Wire Gauge	18 gauge maximum, 22 gauge recommended
Dimensions	4.94" x 3.38" x 1.13"
Approximate Shipping Weight	0.75 lb (0.34 kg)

WARRANTY

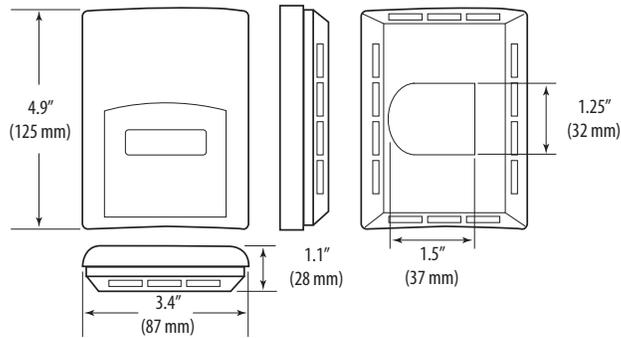|	
Limited Warranty	2 years

AGENCY APPROVALS

c(UL)us
LISTED

UL: 873 (US) and CSA C22.2 No. 24 (Canada), File E27734 with CCN , XAPX (US) and XAPX7 (Canada)
FCC: Compliant to CFR 47, Part 15, Subpart B, Class A (US)
Industry Canada: ICES-003 (Canada)

DIMENSIONAL DRAWING

ORDERING INFORMATION

PART NUMBER	DESCRIPTION	COMM.
VT7200C5031	Zone Controller: Net Ready, Floating Outputs, VAV PD	Standalone
VT7200C5031B	Zone Controller: BACnet, Floating Outputs, VAV PD	BACnet MS/TP
VT7200C5531B	PIR Zone Controller: 2 On/Off or Floating Outputs	BACnet MS/TP
VT7200C5531E	PIR Zone Controller: 2 On/Off or Floating Outputs	LonWorks
VT7200C5531P	PIR Zone Controller: 2 On/Off or Floating Outputs	Zigbee Pro
VT7200C5531W*	PIR Zone Controller: 2 On/Off or Floating Outputs	Zigbee
VT7200F5031	Zone Controller: Net Ready, 2 Analog 0-10V Outputs, VAV PD	Standalone
VT7200F5031B	Zone Controller: BACnet, 2 Analog 0-10V Outputs, VAV PD	BACnet MS/TP
VT7200F5531B	PIR Zone Controller: 2 Analog 0-10V Outputs	BACnet MS/TP
VT7200F5531E	PIR Zone Controller: 2 Analog 0-10V Outputs	LonWorks
VT7200F5531P	PIR Zone Controller: 2 Analog 0-10V Outputs	Zigbee Pro

*Wireless 'W' Zigbee models for replacement or existing projects only. See PN: VCM7000V5000W.

Note: All models with PIR motion sensor and most models with communication module must be purchased in two or three different parts. For example, VT7200F5531E should be ordered as: VT7200F5031 + COV-PIR-ZN-5031 + VCM7300V5000E.