



The VYKONstat VT7200 Series Zoning Thermostats have been designed for ease of installation, wiring and commissioning and to reduce overall project delivery costs.

## VYKONstat VT7200 Series



### Communicating Zoning Thermostats

The VT7200 series of thermostats have been designed to control: 0-10V, Staged, Floating point Heating or cooling terminal systems. The VT7200 series thermostats are supplied pre-programmed to suit most used applications and require little configuration to accomplish remarkable temperature control regardless of the application.

The VT7200 Series offers exceptional value through packaging most used occupancy functions found typically in multi-device control installations. These thermostats are offered in four distinct variations: BACnet MS/TP, Echelon-

LonTalk, Wireless or stand-alone. The communicating version(s) feature, esthetics, and functionality consistent with their stand-alone counterparts however offer the network access to internal functions often only associated with larger, more costly controllers.

The VT7200 series zoning thermostats have also been designed for ease of installation, wiring and commissioning and to reduce overall project delivery costs. Removable terminal blocks and hinged PCB board facilitate the installation and wiring process. A local, intuitive, onboard menu driven configuration utility allows the installer to select appropriate pre-canned control sequences and settings to suit the application. Optional changeover sensor eliminates multi-vendor peripheral sourcing and further simplifies installation

### Features

- Advanced occupancy functions
- 3 configurable inputs
- Pre-configured sequences of operation
- Unique configuration setup utility
- Lockable keypad
- Available for 24 Vac On/Off, Floating or Analog control
- Auxiliary output
- Available with various open industry standards communication adapters

### Benefits

- Through the network or smart local occupancy sensing
- Adds functionality
- One model meet more applications
- Reduces project delivery cost
- Minimizes parameter tampering
- Tamper proof, no need for thermostat guards
- Meet advanced applications requirements
- Can be used for lighting or reheat
- Adds network integration functionality for additional savings

## Specifications

### Power Supply

- 19-30 Vac 50 or 60 Hz; 2 VA Class 2

### Environmental

- Operating: 0 °C to 50 °C (32 °F to 122 °F); 0% to 95% R.H. non-condensing
- Storage: -30 °C to 50 °C (-22 °F to 122 °F); 0% to 95% R.H. non-condensing

### Sensor

- Local: 10 K NTC thermistor
- Resolution: ± 0.1 °C (± 0.2 °F)
- Accuracy: ± 0.5 °C (± 0.9 °F) @ 21 °C (70 °F) typical calibrate

### Occupied and unocc. set point range

- Cooling: 12.0 to 37.5 °C (54 - 100°F)
- Heating: 4.5 °C to 32 °C (40°F- 90°F)

### Temperature display range

- -40°C to 50°C (-40 °F -122°F)

### Proportional band

- Cooling & Heating: 1.8°C (3.2°F)

### Binary inputs

- Dry contact: BI1, BI2 & UI3 to Scdm

### Output ratings

- Triac: 30 Vac/1A; Max in-rush 3A
- Analog: 0-10 Vdc into 2KΩ min.

### Wire gauge

- 22 AWG (18 AWG Max.)

### Dimensions

- 4.94" x 3.38" x 1.13"

### Approximate shipping weight

- 0.75 lb (0.34 kg)

### Agency Approvals

- UL 873 (US)
- CSA C22.2 No. 24, File E27734 w/CCN XAPX (US) and XAPX7 (Canada)
- FCC Compliant to CFR 47, Part 15, Subpart B, Class A (US)
- Industry Canada ICES-003 (Canada)
- CE EMC Directive 89/336/EEC (Europe Union)
- C-Tick AS/NZS CISPR 22 Compliant (Australia / New Zealand)
- Supplier Code Number N10696

## Ordering Information - VT7200 Series

Control Outputs	2 x Floating, 1 Triac	2 x Analog, 1 Triac	2 x Floating, 1 Triac w PIR	2 x Analog, 1 Triac with PIR
Network Type	Product Model Number			
Stand Alone	VT7200C5028	VT7200F5028	VT7200C5528	VT7200F5528
BACnet-MS/TP	VT7200C5028B	VT7200F5028B	VT7200C5528B	VT7200F5528B
Echelon-LonTalk	VT7200C5028E	VT7200F5028E	VT7200C5528E	VT7200F5528E
Wireless 802.15.4	VT7200C5028W	VT7200F5028W	VT7200C5528W	VT7200F5528W

## Ordering Information - Remote Sensor Accessories

Model Number	Description
S3010W1000	Wall mounted temperature sensor
S3020W1000	Wall mounted temperature sensor
S2060A1000	Averaging temperature sensor
S2000D1000	Duct mounted temperature sensor