



# VT76x7 Series PIR Ready Roof-Top Humidity Controllers

Smart energy management has never been easier than with the Viconics VT76x7 series PIR ready roof-top humidity controllers. Designed for both new construction or retrofit projects, the controllers dramatically decrease project delivery costs by reducing installation, configuration and commissioning time. No complex software or tools are required to customize functionality in order to meet your applications requirements. They provide all the advanced features and monitoring functions required by modern building automation systems in a simple, "thermostat like" enclosure.

The VT76x7 series controllers have been specifically designed to offer exceptional control of staged heating and cooling equipment such as packaged roof-top units for commercial building environments. Integrated humidity control is now taking space comfort to an all-new level. Advanced humidification and dehumidification control strategies provide exceptional value by combining functionality normally found in two separate controllers into one device.

Open protocol design provides network compatibility to BACnet® MS/TP, Echelon Lontalk® and Wireless Zigbee® network systems. Our Network Ready "stand-alone" versions can be field retrofit with optional communication modules which enable the controllers to be integrated into virtually all leading building automation systems as budgets allow, or as the building requirements change.

All models can be customized with PIR motion sensor functionality via an optional PIR accessory cover. The cover can be field installed or ordered as a factory installed option. This provides advanced occupancy routines and automatic energy savings during occupied periods without sacrificing occupant comfort.

When compared to traditional building automation controllers, the Viconics VT76x7 series roof-top humidity controllers provide unmatched return on investment to building owners while maximizing profits for system integrators.

## Product Highlights:

- Open protocol design allows for easy integration into any network system
- Network Ready models can be retrofit in the field with optional communication modules
- One simple wall mounted device to install, wire and commission
- Familiar "thermostat like" look and feel
- Application specific controllers can be configured to meet most used applications
- No special software required for configuration
- Fully embedded local configuration utility
- Factory installed PIR sensor or PIR ready controller available
- Advanced occupancy and monitoring functions
- Available with or without 7 day occupancy schedule ( 2 or 4 events )
- Embedded humidification and dehumidification logic
- Internal relative humidity sensor
- Proportional modulating high limit function
- Outdoor temperature humidity setpoint reset

Please consult our web site for more detailed product and point of sale information at [www.viconics.com](http://www.viconics.com)

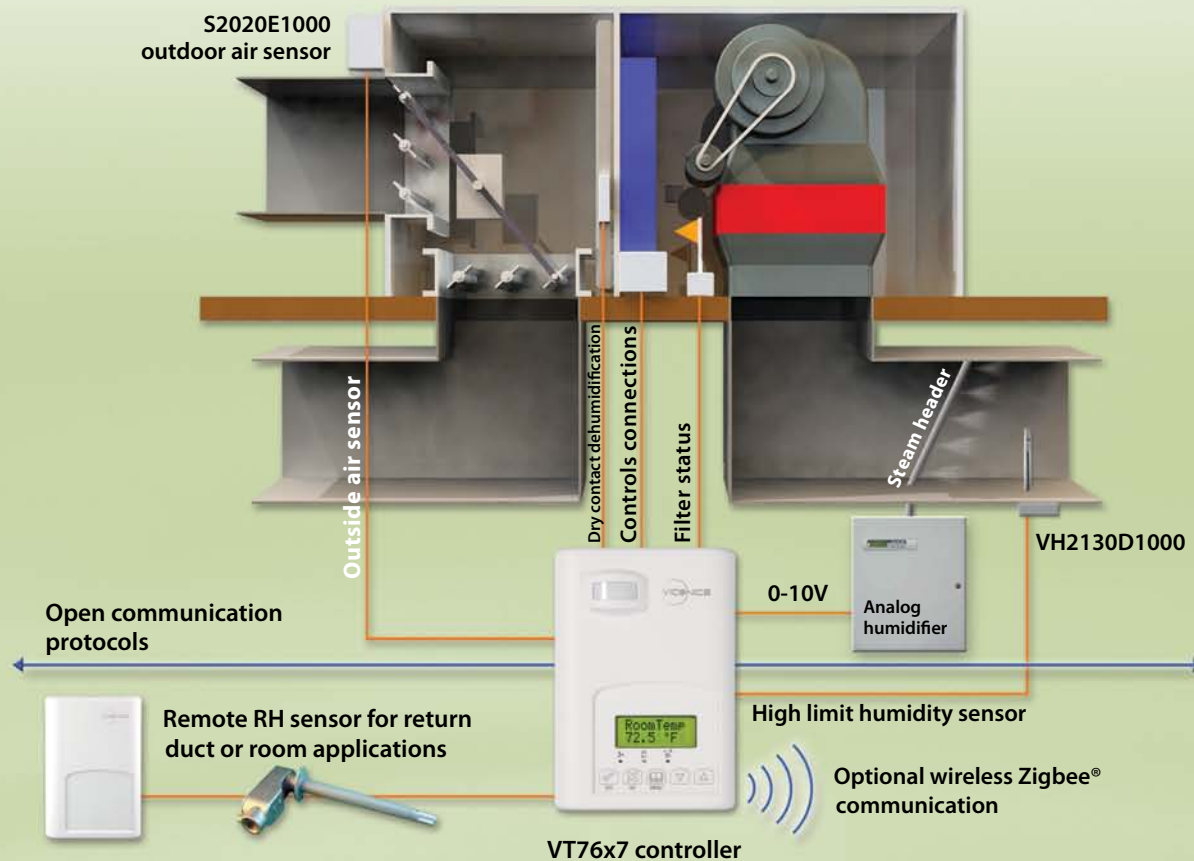
## A New Era in Building Automation Controls



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# VT76x7 Space Temperature and Relative Humidity Roof-Top Application



## Optional Humidity and Temperature Accessories Sensor



## VT76x7 Series Space Temperature and Relative Humidity Controller Matrix

Please refer to the following matrix when ordering controllers:

Application	Network Ready models	Echelon® models	BACnet® models	Wireless Zigbee® models
Model (programmable)	VT7657B5x00	VT7657B5x00E	VT7657B5x00B	VT7657B5x00W
Model (non-programmable)	VT7607B5x00	VT7607B5x00E	VT7607B5x00B	VT7607B5x00W

\*Note: Factory installed models are designated by the numerical code 55 in the model number such as VT7607B5500W

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