



# VT7600 Series PIR Ready Roof-Top & Heat Pump Controllers

Smart energy management has never been easier than with the Viconics VT7600 series roof top and heat pump wall mounted temperature 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.

Offering exceptional control of staged heating and cooling equipment such as packaged roof-top units and heat pumps for commercial buildings. Advanced models are available with built-in economizer or humidity strategies.

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 VT7600 series roof-top and heat pump wall mounted controllers provide unmatched return on investment to building owners while maximizing profits for system integrators.

## Product Highlights:

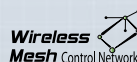
- Open protocol allows for easy integration into any network system
- Network Ready models can be retrofit in the field with optional communication modules
- One simple wall mounted device to install, wire and commission
- Familiar "thermostat like" look and feel
- Application specific controllers can 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
- Advanced occupancy and monitoring functions
- Simplified user interface
- Available with or without 7 day scheduling
- Single stage, multi-stage and heat pump models available
- Available with economizer or humidity strategies

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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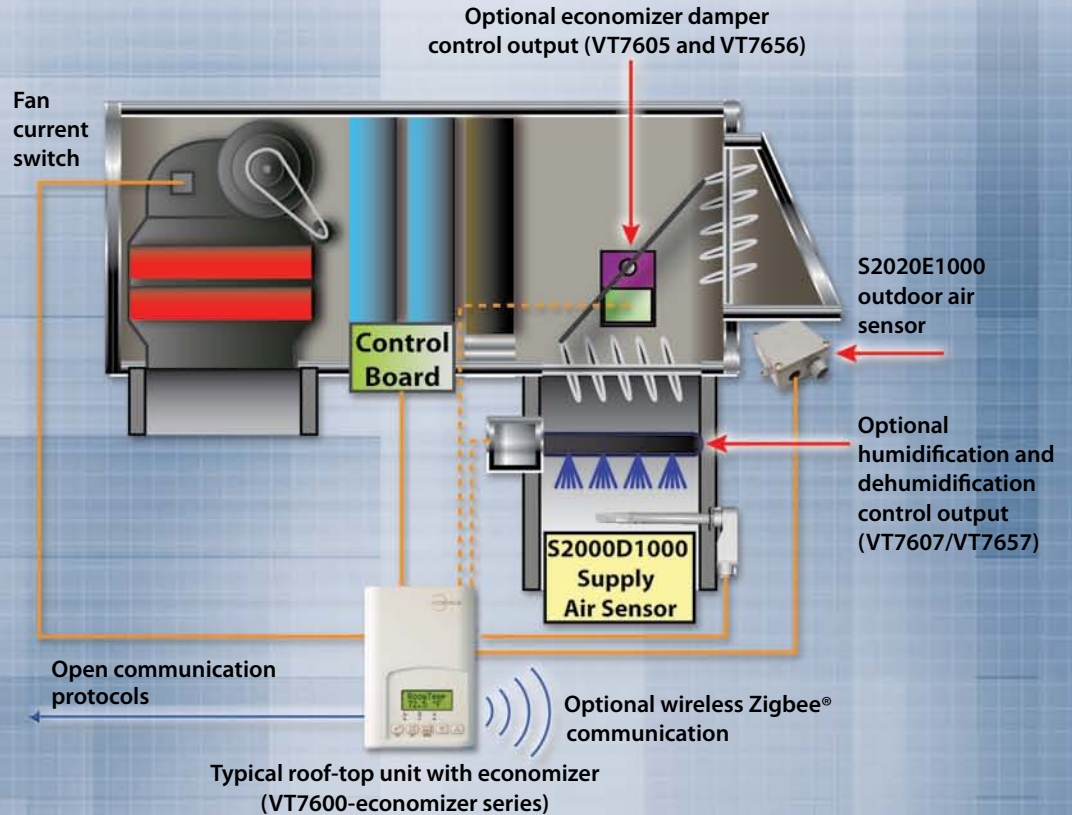


# VT7600 PIR Ready Roof-Top Application

**Simplified HMI**



Unique 5 button menu driven user interface simplifies programming and commissioning time during typical installation of unit.



## VT7600 Series Zoning Controllers Matrix

Please refer to the following matrix when ordering controllers:

**VT76 5 2 H 5500W**

Step 1 MODEL	Step 2 PROGRAMMABILITY	Step 3 ECONOMIZER / HUMIDITY CONTROL	Step 4 APPLICATION	Step 5 PIR OPTIONS	Step 6 COMMUNICATION OPTIONS
	<b>0</b> No local scheduling / Non programmable	<b>0</b> No local scheduling / Non programmable	<b>A</b> 1H / 1C rooftop unit applications	<b>50</b> PIR ready but PIR cover not included	<b>B</b> BACnet® MS/TP
	<b>5</b> Local scheduling / programmable	<b>2</b> Local scheduling / programmable	<b>B</b> 2H / 2C rooftop unit applications	<b>55</b> Factory assembled with PIR cover	<b>E</b> Echelon®
		<b>5</b> With economizer No local scheduling / Non programmable	<b>H</b> 3H / 2C heat pump applications	<b>EXAMPLE:</b> <b>VT765 2 H 5000W</b>	<b>W</b> Zigbee® wireless
		<b>6</b> With economizer Local scheduling / programmable			<b>NONE</b> Network Ready
		<b>7</b> With Humidification / Dehumidification control			

Wireless communication  
 Ready for PIR cover  
 3H/2C heat pump applications  
 None economizer humidity sensor  
 Scheduling ( Programmable )