

VT7000 Quick Reference Guide



VT7200 & VT7300 Controllers

Low Voltage (24VAC) Zone and Fan Coil Unit Applications

Building Function	Applications / Features	Humidity Control	Outputs / Inputs	Motion Sensor	Network Ready Controller			
Zone	<ul style="list-style-type: none"> 2 or 4 pipe Hot/chill water valves Automatic changeover Auxiliary contact output Binary inputs 	✗	Floating or On-Off, 1H/1C, Reheat	✓	VT7200C5500(X)			
			✗	✗	✗	VT7200C5000(X)		
			Analog, 1H/1C, Reheat	✓	VT7200F5500(X)			
			✗	✗	VT7200F5000(X)			
Commercial	<ul style="list-style-type: none"> 2 or 4 pipe Up to 3 speed fan control Hot/chill water valves Automatic changeover Auxiliary contact output Binary inputs 	✓	Floating or On-Off, 1H/1C, Reheat	✓	VT7350C5500(X)			
			✗	✗	VT7350C5000(X)			
			Analog, 1H/1C, Reheat	✓	VT7350F5500(X)			
			✗	✗	VT7350F5000(X)			
			Floating or On-Off, 1H/1C, Reheat	✓	VT7300C5500(X)			
			✗	✗	VT7300C5000(X)			
	<ul style="list-style-type: none"> ECM fan control 2 pipe Hot/chill water valve Automatic changeover Auxiliary contact output Binary inputs 	✗	Analog, 1H/1C, Reheat	✓	VT7300F5500(X)-ECM			
			✗	✗	VT7300F5000(X)-ECM			
			Hospitality / Lodging	<ul style="list-style-type: none"> 2 or 4 pipe Up to 3 speed fan control Hot/chill water valves Automatic changeover Auxiliary contact output Binary inputs 	✓	Floating or On-Off, 1H/1C, Reheat	✓	VT7355C5500(X)
						✗	✗	VT7355C5000(X)
						Analog, 1H/1C, Reheat	✓	VT7355F5500(X)
						✗	✗	VT7355F5000(X)
<ul style="list-style-type: none"> ECM fan control 2 pipe Hot/chill water valve Automatic changeover Auxiliary contact output Binary inputs 	✗	Floating or On-Off, 1H/1C, Reheat	✓	VT7305C5500(X)				
		✗	✗	VT7305C5000(X)				
		Analog, 1H/1C, Reheat	✓	VT7305F5500(X)				
		✗	✗	VT7305F5000(X)				
		Analog, 1H/1C, Reheat	✓	VT7305F5500(X)-ECM				
		✗	✗	VT7305F5000(X)-ECM				

VT7600 Controllers

Low Voltage (24VAC) Rooftop and Heat-Pump Applications

Building Function	Applications / Features	Scheduling	Outputs / Inputs	Motion Sensor	Network Ready Controller
Commercial	<ul style="list-style-type: none"> Roof top * Heat pump * Single fan speed Frost protection Auxiliary contact output * Digital inputs * Discharge air sensor Outdoor air sensor * Remote sensor * 	✗	On-Off, 1H/1C	✓	VT7600A5500(X)
			✗	✗	VT7600A5000(X)
			On-Off, 2H/2C	✓	VT7600B5500(X)
			✗	✗	VT7600B5000(X)
			Heat pump, 1, 2 compressors Rev. valve Aux. heat	✓	VT7600H5500(X)
			✗	✗	VT7600H5000(X)
			On-Off, 2H/2C, Humidity	✓	VT7607B5500(X)
			✗	✗	VT7607B5000(X)
			On-Off, 2H/2C, Economizer	✓	VT7605B5500(X)
			✗	✗	VT7605B5000(X)
			WaterSource HP 1, 2 compressors Rev. valve Humidity	✓	VT7600W5500(X)
			✗	✗	VT7600W5000(X)
			On-Off, 2H/2C, Analog heat, IAQ, CO ₂ control Economizer	✓	VT7606E5500(X)
			✗	✗	VT7606E5000(X)
			On-Off, 2C, Analog heat	✓	VT7600F5500(X)
			✗	✗	VT7600F5000(X)
			On-Off, 1H/1C	✓	VT7652A5500(X)
			✗	✗	VT7652A5000(X)
			On-Off, 2H/2C	✓	VT7652B5500(X)
			✗	✗	VT7652B5000(X)
			Heat pump, 1, 2 compressors Rev. valve Aux. heat	✓	VT7652H5500(X)
			✗	✗	VT7652H5000(X)
			On-Off, 2H/2C, Humidity	✓	VT7657B5500(X)
			✗	✗	VT7657B5000(X)
On-Off, 2H/2C, Economizer	✓	VT7656B5500(X)			
✗	✗	VT7656B5000(X)			
WaterSource HP 1, 2 compressors Rev. valve Humidity	✓	VT7652W5500(X)			
✗	✗	VT7652W5000(X)			
On-Off, 2H/2C, Analog heat, CO ₂ control	✓	VT7656E5500(X)			
✗	✗	VT7656E5000(X)			
On-Off, 2C, Analog Heat	✓	VT7652F5500(X)			
✗	✗	VT7652F5000(X)			

VTR7300 Controllers & VC3000 Relay Pack

Line Voltage Fan Coil Unit Applications

Building Function	Applications / Features	Outputs / Inputs	Relay Pack	Humidity Control	Motion Sensor	Network Ready Controller
Commercial	<ul style="list-style-type: none"> 2 or 4 pipe Up to 3 speed fan control 2 Binary inputs (VTR7300) Auto changeover 4 pipe or 2 pipe + reheat * 	On-Off, 1H/1C	VC3500E5000	✓	✓	VTR7350A5500(X)
		On-Off, 1H/1C, 4 remote inputs,	VC3504E5000			VTR7350A5000(X)
		On-Off, 1H/1C, 4 remote inputs, Occ output	VC3514E5000			VTR7350A5000(X)
	<ul style="list-style-type: none"> Sames as above but 2 pipe only or 2 pipe + reheat * Up to 3 speed fan control 	On-Off, 1H/1C, Pulsed reheat	VC3400E5000	✗	✓	VTR7300A5500(X)
		On-Off, 1H/1C, Pulsed reheat, 4 remote inputs	VC3404E5000			VTR7300A5000(X)
		On-Off, 1H/1C, Pulsed reheat, 4 remote inputs	VC3300E5000			VTR7300A5000(X)
Hospitality / Lodging	<ul style="list-style-type: none"> 2 or 4 pipe Up to 3 speed fan control 2 Binary inputs (VTR7300) Auto changeover 4 pipe or 2 pipe + reheat * 	On-Off, 1H/1C	VC3500E5000	✓	✓	VTR7355A5500(X)
		On-Off, 1H/1C, 4 remote inputs,	VC3504E5000			VTR7355A5000(X)
		On-Off, 1H/1C, 4 remote inputs, Occ output	VC3514E5000			VTR7355A5000(X)
	<ul style="list-style-type: none"> Sames as above but 2 pipe only or 2 pipe + reheat * Up to 3 speed fan control 	On-Off, 1H/1C, Pulsed reheat	VC3400E5000	✗	✓	VTR7305A5500(X)
		On-Off, 1H/1C, Pulsed reheat, 4 remote inputs	VC3404E5000			VTR7305A5000(X)
		On-Off, 1H/1C, Pulsed reheat, 4 remote inputs	VC3300E5000			VTR7305A5000(X)

* SC3000 model with inputs required for 2 pipe with changeover sensor

VZ7656 & VZ7260 Controllers

Low Voltage (24VAC) Zoning System Applications

Building Function	Applications / Features	Function	Outputs / Inputs	Motion Sensor	BACnet	Wireless
Commercial	<ul style="list-style-type: none"> Rooftop/Heat pump Single fan speed Frost protection By-pass damper Economizer 	Roof Top Unit Controller	On-Off, 2H/2C	✗	VZ7656R1000B	VZ7656R1000W
			Heat pump, 3H/2C		VZ7656H1000B	VZ7656H1000W
			On-Off, 2C, Analog heat		VZ7656F1000B	VZ7656F1000W
			On-Off, 2H/2C, CO ₂ Econo.		VZ7656E1000B	VZ7656E1000W
	<ul style="list-style-type: none"> Pressure dependent VAV zone control Binary inputs CO₂ input 	Zone Controller	Floating damper Heat Reheat	✓	VZ7260C5500B	VZ7260C5500W
			✗	VZ7260C5000B	VZ7260C5000W	
			Analog damper Heat Reheat	✓	VZ7260F5500B	VZ7260F5500W
			✗	VZ7260F5000B	VZ7260F5000W	

COMMUNICATION OPTIONS

Replace (X) with one of the following letters for communication protocols:

BACnet® → B	LonWorks® → E	Wireless → W	ZigBee® Pro → P	Network Ready → None
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* Does not apply to all models, refer to specific model technical manual for details



* Models without Echelon option