

VT8000 Room Controllers

Quick Reference and Product Selector Guide



VZ8250 Room Controllers Variable Air Volume (VAV)

1	2	3	4
Applications / Features	Motion Sensor	ZigBee built-in	Room Controller
<ul style="list-style-type: none"> Pressure Dependent (PD) Pressure Independent (PI) PI: 0-10V differential pressure sensor 0-10V or floating damper Duct and/or baseboard reheat Automatic changeover (sensor required) Parallel/series duct fan Indoor air quality control (CO2) 	✗	✗	VZ8250U5000B
	✔	✗	VZ8250U5500B
	✔	✔	VZ8250U5500BP

VT8350 Room Controllers Low Voltage (24 VAC) Fan Coil Unit (FCU) and Zone Control

1	2	3	4	5
Applications / Features	Motion Sensor	Humidity Control	ZigBee built-in	Room Controller
<ul style="list-style-type: none"> 2 or 4 pipe Up to 3 speed fan control BACnet Modbus Hot/chill water valves Automatic changeover Auxiliary contact output Universal inputs 	✗	✔	✗	VT8350U5000B
	✔	✔	✗	VT8350U5500B
	✔	✔	✔	VT8350U5500BP

VT8650 Room Controllers Roof Top Unit (RTU), Heat Pump and Indoor Air Quality (IAQ)

1	2	3	4	5
Applications / Features	Motion Sensor	Humidity Control	ZigBee built-in	Room Controller
<ul style="list-style-type: none"> Roof top Heat pump Single fan speed Frost protection BACnet Modbus Auxiliary contact output Universal inputs Discharge air sensor Outdoor air sensor Remote sensor 	✗	✔	✗	VT8650U5000B
	✔	✔	✗	VT8650U5500B
	✔	✔	✔	VT8650U5500BP

VTR8350 Room Controllers Line Voltage Fan Coil Unit (FCU)

1	2	3	4	5
Applications / Features	Motion Sensor	Humidity Control	ZigBee built-in	Room Controller
<ul style="list-style-type: none"> 2 or 4 pipe Up to 3 speed fan control BACnet Modbus 2 Binary inputs (VTR8350) Auto changeover 4 pipe or 2 pipe + reheat * 	✗	✔	✗	VTR8350A5000B
	✔	✔	✗	VTR8350A5500B
	✔	✔	✔	VTR8350A5500BP

* Zigbee Pro communication module required (built-in or purchased separately)

ZigBee Pro Wireless sensors and switches

1	2	3
	Description	Wireless Devices
	Wireless CO2/Temperature/Humidity sensor for all VT8000 Room Controllers	1. CO2/Temp/Humidity: SED-CO2-G-5045 2. Temp/Humidity: SED-TRH-G-5045
	Wireless wall mounted motion sensor	SED-WMS-P-5045
	Motion/Temperature/Humidity sensor	SED-MTH-G-5045
	Window/Door sensor	SED-WDC-G-5045
	Water leakage sensor	SED-WLS-G-5045

VC3000 Relay Packs for use with VTR8350 Room Controllers

1	2	3	4
Product	Applications / Features	Outputs / Inputs	Relay Pack
	<ul style="list-style-type: none"> 2 or 4 pipe Up to 3 speed fan control 2 Binary inputs (VTR8350) Auto changeover 4 pipe or 2 pipe + reheat * 	<ul style="list-style-type: none"> On-Off 1H/1C 	VC3500E5000
		<ul style="list-style-type: none"> On-Off 1H/1C, 4 remote inputs 	VC3504E5000
		<ul style="list-style-type: none"> On-Off 1H/1C Pulsed reheat 	VC3400E5000
	<ul style="list-style-type: none"> Sames as above but 2 pipe only or 2 pipe + reheat * 	<ul style="list-style-type: none"> On-Off 1H/1C Pulsed reheat, 4 remote inputs 	VC3404E5000
		<ul style="list-style-type: none"> Up to 3 speed fan control 	

* VC3000 model with inputs required for 2 pipe with changeover sensor

VC1300/VC2300 Mixed Voltage Relay Packs for use with VT8350 Room Controllers

1	2	3	4
	Applications / Features	Voltage	Relay Pack
	<ul style="list-style-type: none"> Line voltage 3 speed fan control Valve control or other low-voltage application 	110/120 VAC	VC1300E5000
		220/240 VAC	VC2300E5000

VCM8000 Communication modules

1	2	3
	Description	Communication Module
	ZigBee Pro extended profile retrofit communication module for all VT8000 Room Controllers	VCM8000V5045P
	CO2 detection sensor retrofit communication module for all VT8000 Room Controllers	VCM8001V5045
	Wi-Fi extended profile retrofit communication module for all VT8000 Room Controllers	VCM8002V5031