

VT8000 Room Controllers

Quick Reference and Product Selector Guide



VZ8250 Room Controllers
Variable Air Volume (VAV)

1	2	3	4	5	6
Applications / Features	Humidity Sensor	Motion Sensor	ZigBee built-in	BACnet MS/TP or Modbus	Room Controller
- 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	6
Applications / Features	Humidity Control	Motion Sensor	ZigBee built-in	BACnet MS/TP or Modbus	Room Controller
2 or 4 pipe 3-speed digital or ECM fan control - Hot/chill water valves - Automatic changeover - Auxiliary contact output - Universal inputs	✓	✗	✗	✓	VT8350U5000B
	✓	✓	✗	✓	VT8350U5500B
	✓	✓	✓	✓	VT8350U5500BP

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

1	2	3	4	5	6
Applications / Features	Humidity Control	Motion Sensor	ZigBee built-in	BACnet MS/TP or Modbus	Room Controller
- Rooftop - Heat pump - Single fan speed - Frost protection - 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	6
Applications / Features	Humidity Control	Motion Sensor	ZigBee built-in	BACnet MS/TP or Modbus	Room Controller
2 or 4 pipe - Up to 3 speed fan control 2 Binary inputs (VTR8350) - Auto changeover 4 pipe or 2 pipe + reheat	✓	✗	✗	✓	VTR8350A5000B
	✓	✓	✗	✓	VTR8350A5500B
	✓	✓	✓	✓	VTR8350A5500BP

ZigBee Pro
Wireless Sensors

1	2	3
	Description	Wireless Sensor
	CO2/Temperature/Humidity sensors	1. CO2/Temp/Humidity: SED-CO2-G-5045 2. Temp/Humidity: SED-TRH-G-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
	2 or 4 pipe - Up to 3 speed fan control 2 Binary inputs (VTR8350) - Auto changeover 4 pipe or 2 pipe + reheat *	- On-Off 1H/1C	VC3500E5000
		- On-Off 1H/1C 4 remote inputs	VC3504E5000
		- On-Off 1H/1C 4 remote inputs - Occ output	VC3514E5000
	Same as above but 2 pipe only or 2 pipe + reheat *	- On-Off 1H/1C - Pulsed reheat	VC3400E5000
		- On-Off 1H/1C - Pulsed reheat, 4 remote inputs	VC3404E5000
	Up to 3 speed fan control		VC3300E5000

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

VC2300
Mixed Voltage Relay Pack for use with VT8350 Room Controllers

1	2	3	4
	Applications / Features	Voltage	Relay Pack
	- Line voltage 3 speed fan control - Valve control or other low-voltage application	220/240 VAC	VC2300E5000

VCM8000
Plug-in Modules

1	2	3
	Description	Retrofit Module
	ZigBee Pro communication module	VCM8000V5045P
	CO2 sensor module	VCM8001V5045
	Wi-Fi communication module	VCM8002V5031