

Digital stand-alone and communicating room controllers

SER8350 | Line-voltage fan coil unit controller with VC3000 Relay Pack

This two component retrofit option consists of the SpaceLogic SER8350 terminal equipment controller and the VC3000 Relay Pack (refer to page 21 or more information). Together, they provide an easy solution for retrofitting fan coil unit thermostats without requiring other components such as relays, transformers, controllers, sensors, and network wiring to be upgraded. Existing line voltage wiring between the fan coil unit and temperature Controller can be reused further minimizing overall labor and installation costs for both retrofit and new construction control projects. Additional flexibility and energy savings can be achieved with optional wireless door, window, motion and water leak sensors. An elegantly simple casing combines with configurable screen colors to match decor. Display your own logo and custom messages on screen to reinforce your brand and provide a more enjoyable occupant experience.



Product highlights

- Elegant style combinations, designed to complement any decor
- Customizable color digital touch screen interface with multi- language support
- 2 Pipe or 4 Pipe configuration
- ECM fan control
- Line voltage applications
- On board configuration interface utility
- Alarm monitoring
- Suitable for both commercial and hospitality markets and systems
- Fully programmable control sequences using scripting
- Configurable fan sequence of operation
- Configurable scheduler
- Wired BACnet MS/TP, Wi-Fi BACnet IP or wired Modbus RTU network protocols for BMS integration
- Humidity sensor with on-board dehumidification strategy
- Configurable I/O
- Optional PIR motion sensor
- Advanced occupancy functions for commercial and lodging applications
- Optional wireless door, window, motion and water leak sensors available

Communication

- BACnet MS/TP or Modbus RTU (user selectable)
- Zigbee Pro (P) option for direct BMS integration (On-board or plug-in Zigbee Pro wireless module)
- BACnet/IP and email notification via Wi-Fi (with VCM8002V5031)

Facias

This model can be ordered with silver or white fascia, and can be customized with many different fascias. Refer to "Fascias" on page 18 for more information (later in this document)

Accessories

- The VC3000 Relay Pack is a necessary accessory for retrofit solution to use with the SER8350 room controller. Refer to "VC3000 Relay Pack" on page 21 or more information (later in this document).
- CO₂ sensor module
- CO₂/temperature/humidity sensor
- Zigbee wireless window, door, motion and water leak sensors

Description	
Dimension	Height: 12cm/4.72in
	Width: 8.6cm/3.38in
	Depth: 2.5cm/1in
Power	
Voltage (SER8350)	Typical: 7 Vdc from VC3000
	Alternate: 24 Vac 50/60Hz or 24 Vdc up to 4 VA power consumption
Voltage (VC3000)	90 - 277 Vac universal, 50/60Hz
Communication	
Protocol	Stand-alone, BACnet MS/TP, or Modbus RTU
	Zigbee Pro (with VCM8000V5045P or on-board Zigbee)
	BACnet/IP and email notification via Wi-Fi (with VCM8002V5031)

Part Number	Description	RH sensor & control	PIR motion sensor	Zigbee Pro on-board	BACnet MS/TP	Fascia & casing
SER8350A0B00	Line voltage fan coil Controller	X		No*	X	Silver
SER8350A5B00	Line voltage fan coil Controller	X	X	No*	X	Silver
SER8350A5B00P	Line voltage fan coil Controller	X	X	X	X	Silver
SER8350A0B11	Line voltage fan coil Controller	X		No*	X	White
SER8350A5B11	Line voltage fan coil Controller	X	X	No*	X	White
SER8350A5B11P	Line voltage fan coil Controller	X	X	X	X	White
SER8350A5N11	Line voltage fan coil Controller	X	X	No*		White

*Note: Zigbee Pro plug-in module is available