SBC100

Smarter Building Controller

PRODUCT SHEET

VENTACITYSYSTEMS
Making Buildings Healthy – Efficient – Smarter

The SBC100 Smarter Building Controller offers significant savings by providing the best, most feature rich VRF central controller a competitive cost. Compared to other HVAC control systems, the SBC100 requires fewer components and much less integration time. The SBC100 connects a variety of devices to the The Ventacity Cloud over a secure network via LTE or Ethernet, and uses a cloud-based user interface, which is available from any Internet connected device. This offers immediate access to critical information to monitor energy efficiency and lower operating costs throughout a building's life cycle.
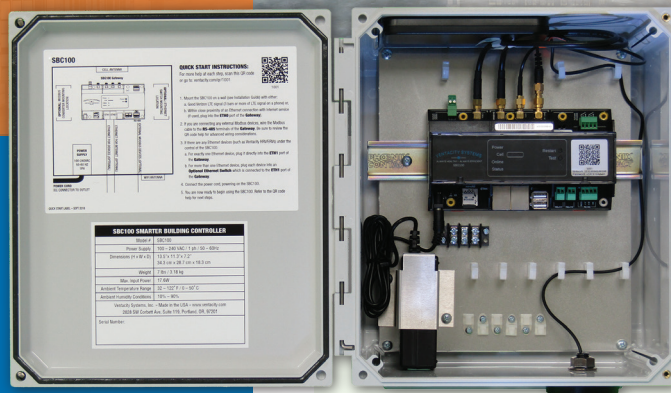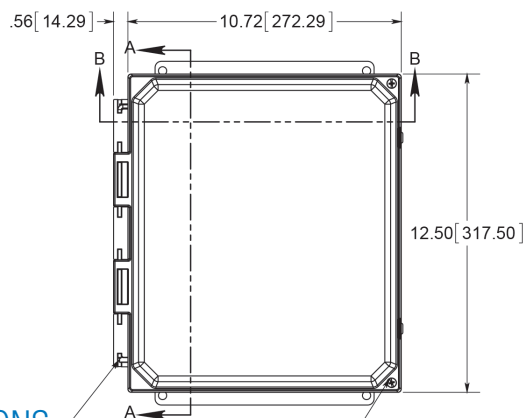

Compatible with Fujitsu Airstage VRF

The SBC100 Smarter Building Controller is a state of the art building management system that integrates heating, ventilation, and air-conditioning (HVAC) equipment and controls. Pre-configured components that are HVAC[2]-Certified seamlessly integrate with the SBC100, including Fujitsu's Airstage VRF.

FUJITSU

SBC100

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UNIT SPECIFICATIONS

Model #	SBC100
Power Supply	100 – 240 VAC / 1 ph / 50 – 60Hz
Power Wire	IEC connector with plug.
Dimensions (HxWxD)	13.5" x 11.3" x 7.2" 34.3cm x 28.7cm x 18.3cm
Weight	7 lbs / 13.8 kg
Input Power	17.6W
Operating Temp Range	32 – 122℉ / 0 – 50℃

COMMUNICATIONS

Modbus TCP	Currently supported
Modbus RTU	Currently supported
BACnet	Coming soon

CONNECTOR TYPES | COUNT | FUNCTION / PURPOSE

CONNECTOR TYPES	COUNT	FUNCTION / PURPOSE
Barrel-type power connector	1	For power supply by plug
microSD	1	Data storage
Ethernet	2	WAN/LAN
USB	2	General purpose
Relay output connectors	2	General purpose
Modbus RTU port	1	Connection point for devices under control
Switch closure input	2	General purpose
Wi-Fi / Bluetooth Antenna	1	Supports Wi-Fi A/B/G and Bluetooth 4.0
GPS Antenna	1	Geolocation
Cellular Antenna	1	Cellular LTE internet connection

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