SBC100
SMARTER BUILDING
CONTROLLER

FUJITSU

HVAC²
SMARTER BUILDING
PLATFORM

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 equipment including Fujitsu's Airstage VRF connect to the HVAC²-Smarter Building Platform 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.

PLUG AND PLAY

- Simple configuration and integration.
- Pre-Programmed and ready for compatible field equipment.

REMOTE CONNECTIVITY

- Mobile access over a secure internet connection.
- User interface with a simple layout provides critical building information.
- Optimum system performance is achieved with remote service tool monitoring, providing a good understanding of a potential issue minimizing downtime.
- Look back in performance data at any point in time to pinpoint the cause of an issue. All recorded data are located on our secure cloud.
- Remote monitoring provides peace of mind, and when needed will reduce the total truck roles, benefiting the contractor, the building owner, the occupants, and the environment!

THE CLOUD EXPERIENCE IS CUSTOMIZED FOR THE SPECIFIC ROLE OF THE USER:

- Owners
- Occupants
- Property Managers
- HVAC Contractors

BUILDING MANAGEMENT SYSTEM

- Suitable for a single building or a portfolio of buildings.
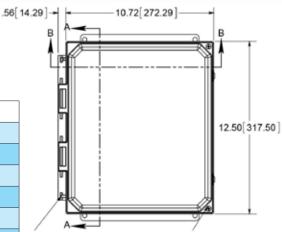- BACnet ready and open to other HVAC² systems.
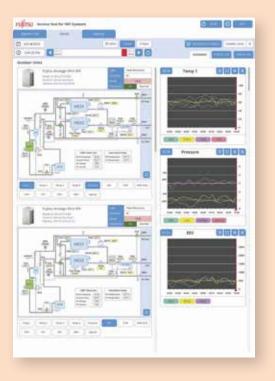
INFINITE CONTROL
S Y S T E M S ∞

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˚F / 0 – 50˚C

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

COMMUNICATIONS

Modbus TCP	Currently supported
Modbus RTU	Currently supported
BACnet	Coming soon