

BACwALL 324**HIGH PERFORMANCE
WALL CONTROLLER****DESCRIPTION**

- ▶ The BACwALL is a high performance wall controller that combines the functionality and power of a configurable thermostat with the flexibility of a programmable controller. It operates as per BACnet MS/TP standards.
- ▶ Comes with 3 analog inputs, 2 analog outputs and 4 binary triac outputs. Also included are the ambient temperature, set point and interface icon displays.
- ▶ Operates in offline mode.

FEATURES

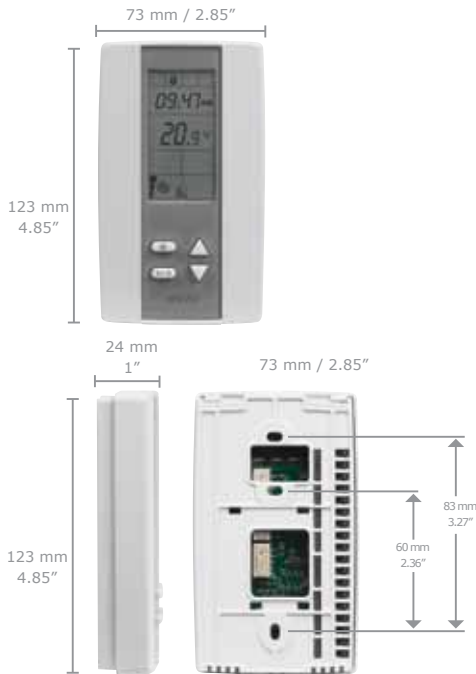
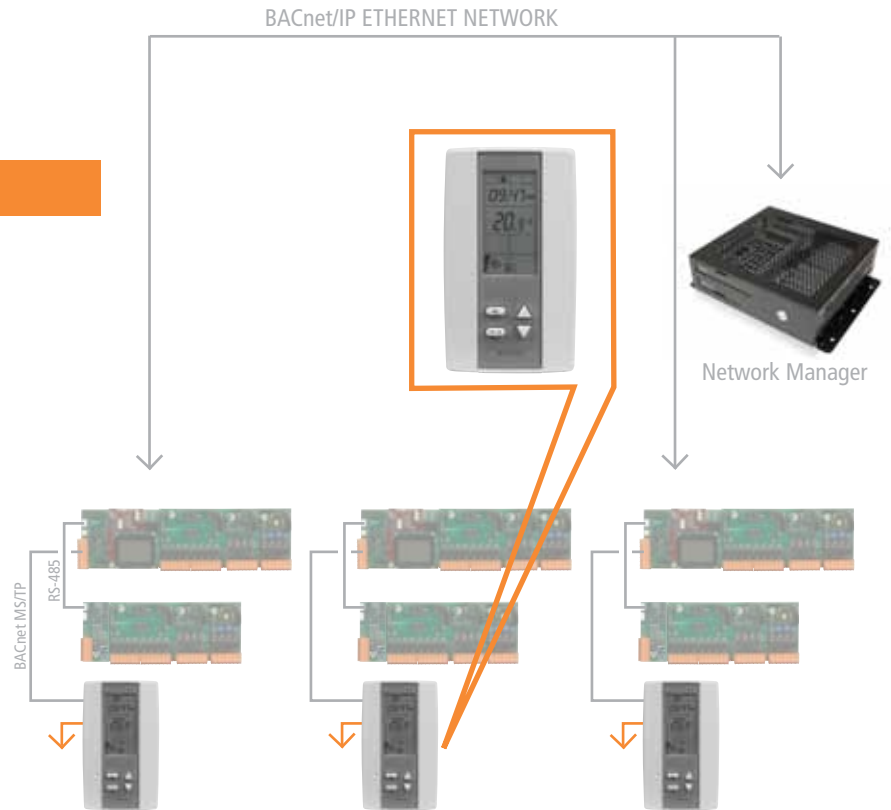
- ▶ Can be mounted on a wall casing.
- ▶ No built-in programming increases versatility of controller.
- ▶ LCD display in Celsius or Fahrenheit.
- ▶ Backlit screen.
- ▶ Real-time clock.
- ▶ Total access to programming.
- ▶ USB plug can be connected to a computer for access to the BACnet MS/TP network.

APPLICATION

The modern and distinguished look of the BACwALL combined with digital LCD display is ideal for zone control applications. Due to its non application-specific approach and great versatility, the BACwALL can also be used on HVAC equipment. All control points can be programmed. This device does not contain any binding functions, allowing users to maximize the potential of the wall controller to suit the real needs of their application. This device is compatible with all other products manufactured by Strato.

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TECHNICAL SPECIFICATIONS

- ▶ **Max. Wire Size:** 16 awg
- ▶ **Supply Voltage:** 24 VAC
- ▶ **Current Consumption:** 50 VA Max
- ▶ **Inputs:**
 - 3 analog,
 - T: Thermistor 10kΩ (type 2 or 3), dry contact
 - V: Voltage: 0..10VDC

Note: Analog inputs can also be used as binary inputs.
- ▶ **Resolution:** 12 Bits (4096 counts)
- ▶ **Outputs:**
 - 4 binary triac, 10..30 VCA, 0.350 Amp max., sink or source with protection
 - 2 analog, voltage 0..10 VDC

Note: Binary outputs can also be used as pulse outputs. Note: Analog outputs can also be used as binary outputs.
- ▶ **Resolution:** 9 Bits (512 counts)
- ▶ **Real-Time Clock (RTC):** yes
- ▶ **Trend Logs:**
 - AAutomatic on all current BACnet objects. Limited only by the storage capacity of the server.
- ▶ **Microprocessor:** 32 bits, 72 MHz
- ▶ **Baud Rate:** 9600, 19200, 38400, 76800, 115200
- ▶ **External Port:** USB Type
- ▶ **Communications Protocol:** BACnet MS/TP
- ▶ **Dimensions:** 123 mm x 73 mm / 4.8" x 2.8"
- ▶ **Storage/Transport Temp.:** -30 °C .. 50 °C / -22 °F .. 122 °F
- ▶ **Operating Temp.:** 0 °C .. 50 °C / 32 °F .. 122 °F
- ▶ **Relative Humidity:** 10 .. 90% RH (non-condensing)
- ▶ **Weight:** 150.5 g / 0.33 lb
- ▶ **Mounting:** Standard 2" x 4" service box
- ▶ **Warranty:** 3 years
- ▶ **Certification:**
 - UL (Canada and US) UL 916 Energy Management Equipment (pending)

