

Control Panel Technical Specifications

ASP 31-300

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Group: Controls

Part Number: ASP 31-300

Date: September 2010

Unit Tag:



Description

McQuay's VAV System Controller gives building owners access to manage their building's HVAC system. The operator can make schedule changes, adjust setpoint changes and manage alarms to ensure the comfort of the occupants through the local touch screen interface or through a remote computer using a standard web browser when panel is connected to the building's local network. This unit is compatible with McQuay rooftops with MicroTech® III controls and McQuay's BACnet® VAV Controller.

Features

- Large color touch-screen display for easy access
- Intuitive browser based user interface
- List view providing current status of all zones
- List view providing current status of all rooftops
- Password protected access to make changes
- Access to all BACnet points on unit controllers

Specifications

Control Panel

Panel:

- IP65, NEMA 4 rugged plastic

LCD Panel:

- 10.4" SVGA TFT LCD Display
- 800 x 600 resolution
- 120°/100° viewing angle

Main System:

- CPU: Intel® Atom™ processor N270 1.6 GHz
- Chipset: Intel® 945GSE + ICH7M

I/O Connectors:

- 1 x RS-232/422/485 (COM 1)
- 1 x 10/100/1000Mbps Ethernet

Power Requirements:

- DC Version: 10-30 VDC with over-current protection fuse
- AC Version: AC-DC 60W power adapter

Communication Card

I/O Connection:

- 1 x RS-232 (COM 1)
- 1 x terminal block allowing BACnet MS/TP connection

Control Panel Case

I/O Connection:

- Shielded twisted pair wire for BACnet connection (port located on top of box)

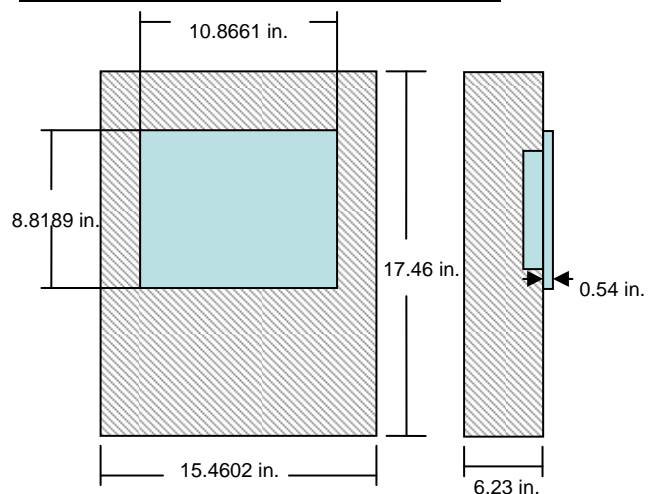
Power:

- 120V AC wall source
- Phase: 1
- Frequency: 60Hz
- Total FLA: 1A

Dimensions:

- 15.5 in. (393 mm) (W) x 17.5 in. (444 mm) (H) x 6.25 in. (159 mm) (D)
- Screen opening (diagonally): 12.75 in. (324 mm)

Dimensional Drawing (Box and Panel)



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