

i-Vu® Building Automation System VAV Zone II Fan Terminal

Part Number: OPN-VAVB3-02





The VAV Zone II Fan Terminal controller provides zone level temperature and air quality control for a variety of pressure-independent VAV applications. This advanced controller features a separable actuator for easy installation onto fan-powered or single-duct air terminals. It also features native BACnet communications and plug-and-play connectivity to the Carrier i-Vu Building Automation System.



Application Features

- Sophisticated factory-engineered and tested control programs provide reliability and energy efficiency
- Pressure independent space temperature control
- Supports modulating hot water, 2-position hot water, single, 2, or 3 stage electric heat, or zone perimeter heat
- Built-in advanced control routines for zone level humidity control or zone level demand control ventilation (ASHRAE® 62)
- Adaptive optimal start and PID control for maximum occupant comfort
- Supports Carrier communicating space sensors, which allow for local setpoint adjustment and local overrides
- Quick and easy test & balancing process

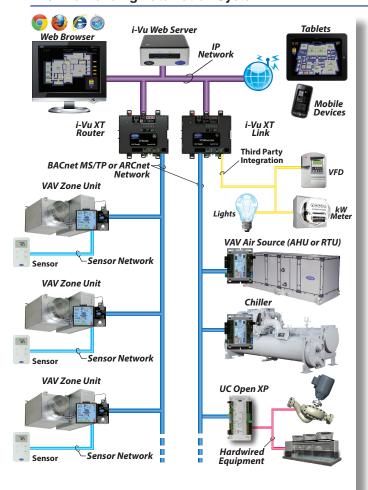
Hardware Features

- Separable brushless actuator for reliability and longevity
- Capable of system or stand-alone operation
- Native BACnet MS/TP or ARCNET communications

System Benefits

- Integrated Carrier airside linkage algorithm for plug-andplay integration with Carrier air sources
- Fully plug-and-play with the Carrier i-Vu Building Automation System
- Supports demand limiting for maximum energy savings
- Compatible with i-Vu Tenant Billing for tracking tenants' after-hours energy usage

The i-Vu Building Automation System

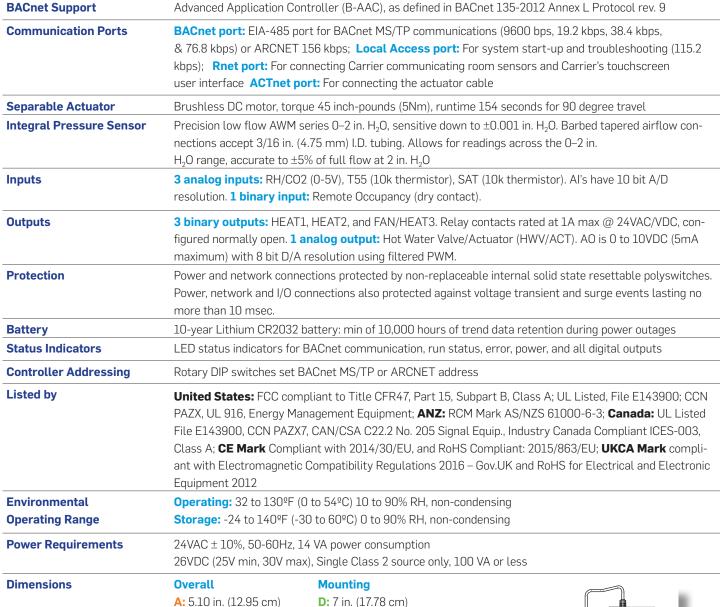


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Specifications



E: 4.89 in. (12.42 cm)

F: 1.04 in. (2.64 cm) **G:** 1.46 in. (3.71 cm) **H:** 2.55 in. (6.48 cm) **I:** 0.58 in. (1.47 cm)



Depth: 2.5 in. (6.4 cm)

Weight: 1.8 lbs (0.82 kg)

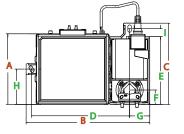
B: 8.93 in. (22.68 cm)

C: 5.87 in. (14.90 cm)

Minimum Shaft Diameter: 3/8 in. (.95 cm)

Maximum Shaft Diameter: 1/2 in. (1.27 cm)

Minimum Shaft Length: 1-3/4 in. (4.45 cm)



Carrier