Manuals+ — User Manuals Simplified.

Carrier EQT1-5 i-Vu Building Automation System

Carrier EQT1-5 i-Vu Building Automation System Owner's Manual

Contents

Carrier EQT1-5 i-Vu Building Automation System

Product Information

Specifications

- Part #: EQT1-5
- Display: TruVu 5 IAQ Display
- Display Resolution: 800 x 480 pixels (Wide VGA)
- Touch Technology: Capacitive Multi-Touch
- Viewing Angle: Ultra-wide (nearly 180 degrees)
- Max Colors: Power Communication Ports Microcontroller Mounting Environmental Range Temperature Sensor
- Humidity Sensor
- Memory
- Device Identification Enclosure Real Time Clock Compliance

Product Usage Instructions

Application Features

The TruVu Equipment Touch provides building operators and technicians with visibility and control over a single piece of HVAC equipment via the Rnet or BACnet port. The interface features an illuminated color, capacitive touchscreen display and is designed to connect to a single i-Vu controller, making management of the connected HVAC equipment both intuitive and simple.

Hardware Features

- Conditional alarming, color changes, and graphics

- Temperature range and vibration resistance

Product Usage Instructions

For more detailed product usage instructions, please refer to the user manual provided with the TruVu Equipment Touch. However, here are some general guidelines:

1. Ensure the device is properly connected to the HVAC equipment via the Rnet or BACnet port.
2. Power on the device and wait for the touchscreen display to illuminate.
3. Use the capacitive multi-touch screen to navigate through the interface and control the HVAC equipment.
4. Monitor temperature readings, alarms, and graphical representations to manage the equipment effectively.
5. Follow any specific instructions provided by the i-Vu controller for optimal performance.

Frequently Asked Questions

- **Q: How do I reset the TruVu Equipment Touch?**
  - A: To reset the device, locate the reset button on the enclosure and press it for 10 seconds. The device will restart, and you can set it up again as needed.
- **Q: Can I connect multiple TruVu Equipment Touch displays to a single i-Vu controller?**
  - A: No, the TruVu Equipment Touch is designed to connect to a single i-Vu controller for managing a specific piece of HVAC equipment.
- **Q: What is the environmental range for operating the TruVu Equipment Touch?**
  - A: The TruVu Equipment Touch is designed to operate within a specific temperature and humidity range. Refer to the product specifications for detailed environmental requirements.

i-Vu® Building Automation System TruVu™ Equipment Touch

- Part Number: EQT1-5

Product Information

Carrier's TruVu Equipment Touch provide building operators and technicians with visibility and control over a single piece of HVAC equipment via the Rnet or BACnet port. The interface features an illuminated color, capacitive touchscreen display and is designed to connect to a single i-Vu controller, making management of the connected HVAC equipment both intuitive and simple.

Features

Application Features

- Draw occupant's attention to important information with conditional alarming, color changes, and graphics
- Features a high-resolution, capacitive multi-touch screen
- Support for 13 international languages and characters
- Can serve as a technician's HVAC equipment interface
- Multi-level password protection for security
- Access virtually any point in the controller

- View and edit BACnet time schedules
- View all alarms in controller
- Change setpoints easily

Hardware Features

- Rugged, industrial-grade display and a wide temperature range and vibration resistance
- Fanless cooling system and ultra-low power consumption
- Wall-mounted

Programming Features

- Supports standard Equipment Touch files
- Support for graphics
- USB-C port for local device updates
- Supports screen capture to USB flash drive
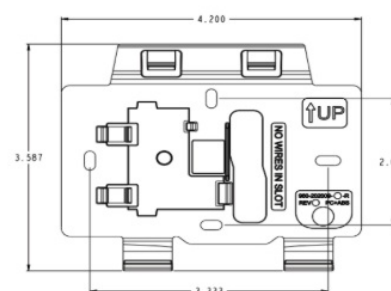- Built-in PDF viewer

Specifications

Part #	EQT1-5
Display	TruVu 5" IAQ Display
Resolution	800 x 480 pixels (Wide VGA)
Touch	Capacitive Multi-Touch
Viewing Angle	Ultra-wide (nearly 180 degrees)
Max Colors	24-bit
Power	24 Vac (±15%), 5 VA, 50 - 60 HZ, Class 2 external power supply, 12-24 Vdc
Communication	Rnet
Ports	EIA-485 based serial port for Rnet; USB-C host port for firmware upgrades
Microcontroller	32-bit
Mounting	Wall or panel mounting within the building interior
Environmental Range	-4 to 140°F (-20 to 60°C), 10–90% relative humidity, non-condensing
Temperature Sensor	Range: -4 to 140°F (-20 to 60°C) Accuracy over 30.0 to 100°F: ±1.0°F (±0.55°C) Accuracy over full range: ±2.0°F (±1.1°C) Resolution: 0.2°F (0.1°C)
Humidity Sensor	Range: 0 to 100% RH Accuracy over 20 to 80% RH: ±3.0% RH Accuracy over full range: ±5.0% RH Resolution: 0.05% RH
Memory	32 MB Flash memory to store program code and screen file 16 MB RAM to store variable data and LCD data 8 kb Serial EEPROM to store non-volatile configuration data 1.6 MB maximum file size
Device Identification	A serial number label beginning with EQA is on the back of the device
Enclosure	ABS plastic with polycarbonate bezel
Real Time Clock	365/day real-time clock/calendar chip keeps track of time in the event of a power failure for a minimum of 3 days
Compliance	UL-916 (PAZX), CE, FCC Part 15-Subpart B-Class A

	in.	cm
Width:	5.30	13.47
Height:	3.7	9.41
Depth:	0.79	1.99
Weight:	8.0 oz	0.23 kg

For more information, contact your local Carrier Controls Expert.

Controls Expert Locator:

- **www.carrier.com/controls-experts**

Documents / Resources

Carrier EQT1-5 i-Vu Building Automation System [pdf] Owner's Manual
EQT1-5 i-Vu Building Automation System, EQT1-5, i-Vu Building Automation System, Building Automation System, Automation System, System

References

- **Find a Carrier Expert in Your Area | Carrier Commercial Systems North America**
- **User Manual**