



# i-Vu® Building Automation System

## i-Vu Equipment Touch

Part Number: EQT1-5



Carrier's i-Vu 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.



### Application Features

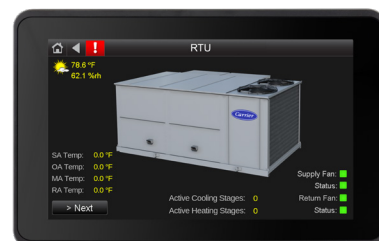
- Draw occupants attention to important information with conditional alarming, color changes, and graphics
- Features a high resolution, capacitive multi-touch screen
- Support for 13 international languages and characters
- Can serve as a technician's HVAC equipment interface
- Multi-level password 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



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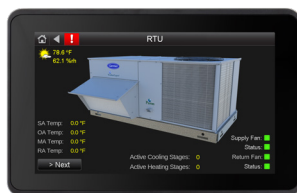
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### Specifications

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



|                | in.           | cm             |
|----------------|---------------|----------------|
| <b>Width:</b>  | <b>5.30</b>   | <b>13.47</b>   |
| <b>Height:</b> | <b>3.7</b>    | <b>9.41</b>    |
| <b>Depth:</b>  | <b>0.79</b>   | <b>1.99</b>    |
| <b>Weight:</b> | <b>8.0 oz</b> | <b>0.23 kg</b> |

