

## AQM2200 Power Module

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### Product Description

This document explains how to install an AQM2200 Power Module.

**NOTE:** The AQM2200 is a mandatory component of Series 2200 BACnet CO<sub>2</sub> Room Unit installations. Without the Power Module, the Room Unit will not power up.

### Contents

- AQM2200 Power Module  
2.5" L x 3.0" H x 1.0" D  
(63.5 mm x 76.2 mm x 25.4 mm)
- 550-201 RJ-11 18" cable

### Product Number

AQM2200

### Required Tools

- Medium-duty drill with Phillips size 1 bit
- Small, flat-blade screwdriver

### Expected Installation Time

10 minutes

### Prerequisites

Install the appropriate field wiring (standard six-conductor room unit cables, plenum or non-plenum as required) from the Room Unit (Room Temperature Sensor). The maximum recommended length is 100 feet (30 m).



#### CAUTION:

Do not connect Series 1000 TEC Room Sensors (540-660B, 540-680FA, etc.) to the AQM2200 Power Module. Any attempt to do so will destroy the sensor.



### Installation

1. The Power Module must be located within 18 inches of the TEC, as dictated by the available lengths of the RJ-11 cable and the power wires.
2. Mount so that the label is visible.
3. Mount the Power Module using two #6 self-drilling screws (provided). Use the two larger screw holes for mounting.
4. Connect the RJ-11 cable (Part Number 588-100A, not included) from the room unit to the RJ-11 connection on the CO<sub>2</sub> Power Module. Make sure the cable is connected to the correct RJ-11 port marked RTS (Room Temperature Sensor.)
5. Connect the RJ-11 cable (Part Number 550-201, included) from the RTS port on the TEC to the RJ-11 connection on the CO<sub>2</sub> Power Module. Make sure the cable is connected to the correct RJ-11 port marked TEC.
6. Terminate the CO<sub>2</sub> Power Module power wires to the TEC power connector (one wire to 24 Vac and the other to Neutral) or the 24 Vac power trunk. The CO<sub>2</sub> Power Module may be powered off the same power source as the TEC.

The installation is now complete.

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