

AQM2200 Power Module

Product Description

This document explains how to install an AQM2200 Power Module.

NOTE: The AQM2200 is a mandatory component of Series 2200 BACnet CO₂ 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 CO₂ 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 CO₂ Power Module. Make sure the cable is connected to the correct RJ-11 port marked TEC.
6. Terminate the CO₂ 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 CO₂ Power Module may be powered off the same power source as the TEC.

The installation is now complete.

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