

## Series 3200 Room Relative Humidity Sensor Replacement Tip

### Product Description

The Series 3200 Room Relative Humidity Sensor Replacement Tip should be installed to service any Series 3200 Room Relative Humidity Sensor with a broken or defective sensing element.

### Product Number

AQF3060

### Warning/Caution Notations

<b>WARNING:</b>		Personal injury, or loss of loss of life may occur if you do not follow the procedures as specified.
<b>CAUTION:</b>		Equipment damage, or loss of data may occur if you do not follow the procedures as specified.

### Required Tools

- 1/16" hex key
- Small, flat-blade screwdriver

### Expected Installation Time

10 minutes

### Prerequisite

Previously installed Series 3200 Humidity Room Unit (QFA3280 or QFA3380).

### Installation

#### CAUTION:



Before proceeding, observe and follow all protocols for handling static sensitive electronics.

1. Remove the sensor housing containing the PCA from its base on the wall. Tighten the safety setscrew to unlock the cover, then push the cover release latch just below the setscrew with a small screwdriver. Rotate the cover upward to remove.
2. Disconnect the communication cable from the female RJ-11 jack on the back of the PCA.

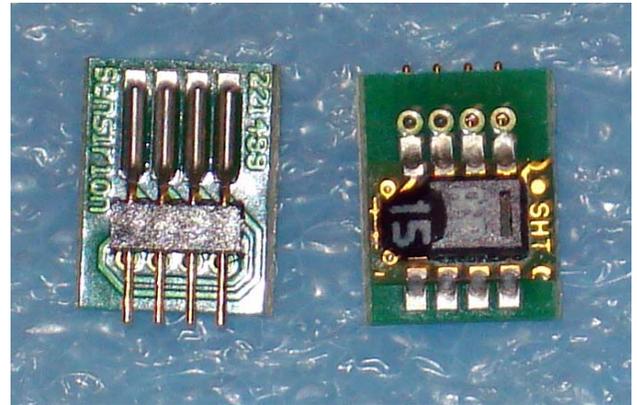


Figure 1. AQF3060 (Front and Back Views).

3. Remove the old sensor from the PCA by pulling the sensing element off the mounting pins on the board.
4. Remove the new sensor from its anti-static bag.

#### CAUTION:

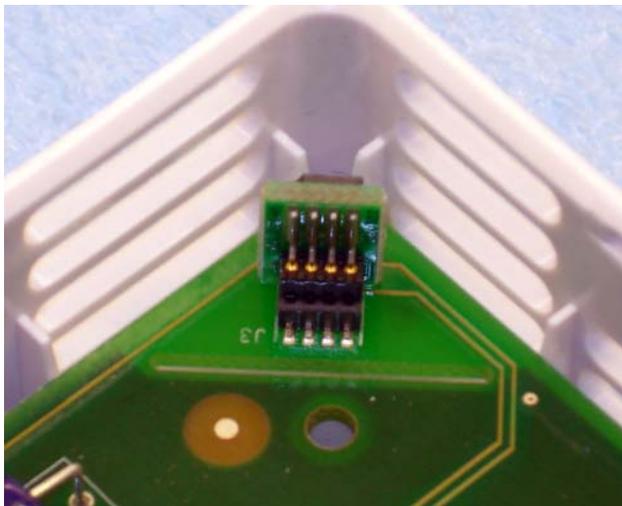


Handle the new sensor very carefully by only touching the edges of the circuit board. The humidity sensing membrane and lead wires are very delicate, and must not be touched.

5. Insert the new sensor onto the room unit PCA. Note which side of the sensor faces out to ensure that it is not installed backwards. (See Figures 2 and 3.)



Figure 2. AQF3060, Installed.



**Figure 3. AQP3060 Placement.**

6. Reconnect the 24V communication cable to the female RJ-11 jack on the back of the PCA.
7. Reinstall the sensor housing with PCA onto its base on the wall.

The installation is now complete.

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