

QFA1000, QFA1001 Room Hygrostats

Product Description

These instructions explain how to install a QFA1000 or QFA1001 Room Hygrostat.

Product Numbers

QFA1000 Internal Setpoint

QFA1001 External Setpoint

Required Tools

- 7 mm flat-blade screwdriver
- Phillips head screwdriver
- Two 6 x 32 screws
- Electric drill

Expected Installation Time

10 minutes

Prerequisites

The base has cable entries at the rear for mounting the room hygrostat on recessed conduit boxes. For wall mounting, appropriate holes at the top or bottom can be knocked out.

Mounting Location

The hygrostat should be mounted:

- on an inner wall approximately 4.9 feet (1.5 m) above the floor, and at least 1.6 feet (0.5 m) from the closest adjoining wall.
- where there is a natural circulation of room air (do not mount near drafts, in corners, behind curtains, too close to doors and windows, or on an outer wall).
- away from sources of heat and refrigeration (radiators, computers, televisions, concealed heating pipes, hot or cold water pipes).
- where it is not exposed to direct sunlight.

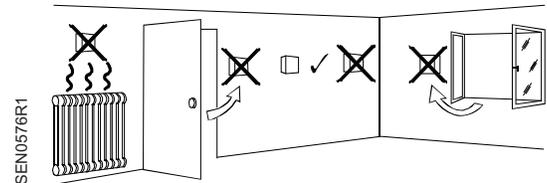


Figure 1. Recommended Mounting Locations.

Installation

1. Using a 7 mm flat-blade screwdriver, insert the blade into one of the slots on the side of the housing base. Pry the base away from the housing cover.
2. Do the same for the second slot, so that the cover loosens from the housing base.
3. Flip open the hygrostat cover.

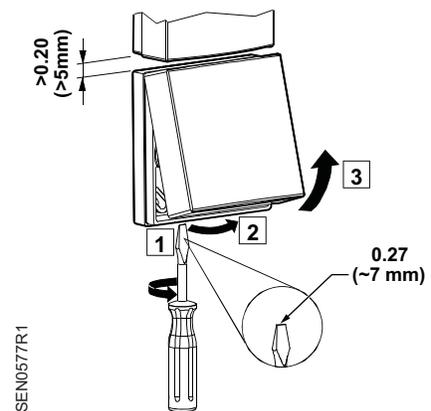


Figure 2. Opening the Unit.

4. Before mounting the hygrostat, run the cable through the back of the housing, and terminate the lead wires appropriately, based on how the unit is intended to operate (either switching on humidification or on de-humidification). See Figures 4 and 5.

- Attach the base of the hygrostat to the wall using two 6 × 32 screws. (Screws are not provided.) Place the screws opposite each other in the housing, as appropriate, to achieve a solid mounting. (See Figure 3.)

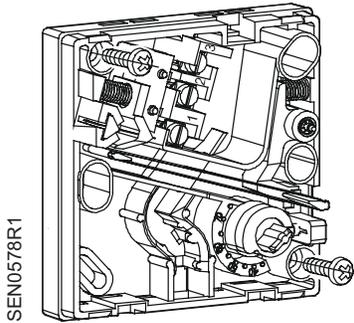


Figure 3.

Wiring Diagrams

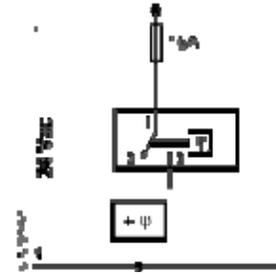


Figure 4. Humidification.

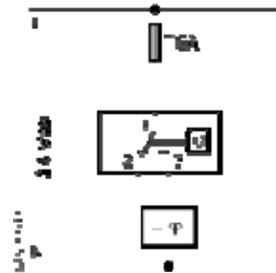


Figure 5. Dehumidification.

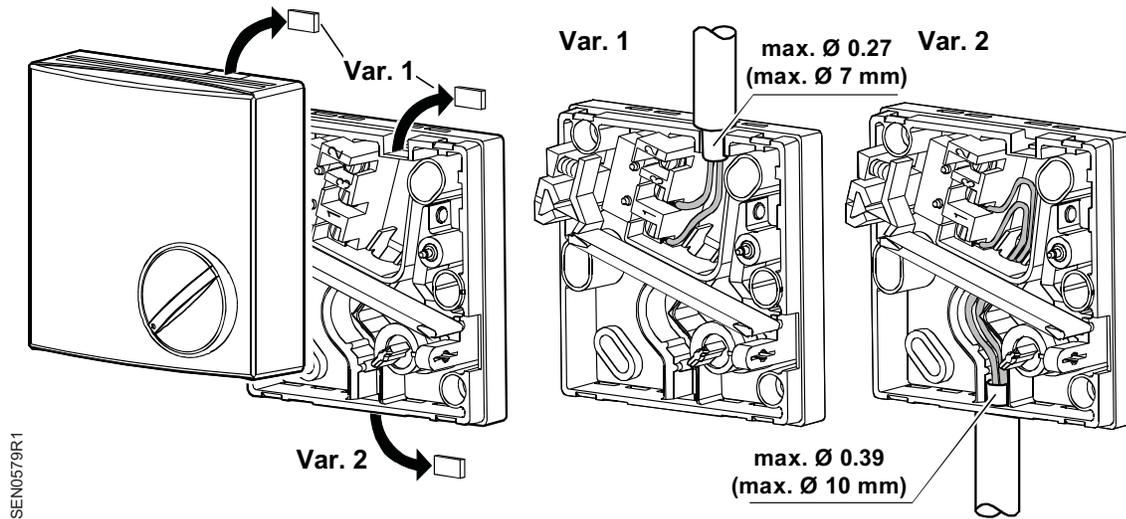


Figure 6. QFA1001 Pictured.

Setpoint Setting

QFA1000:

1. Set the humidity setpoint to the desired setting. (See Figure 7.)
2. Replace cover.
3. Device will be activated when wiring is terminated to the controller.

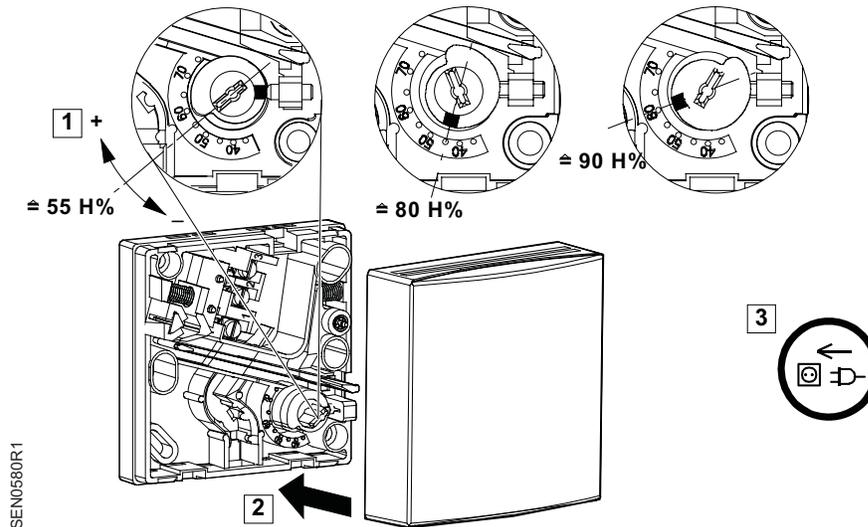


Figure 7. QFA1000 Setpoint Setting.

QFA1001:

1. Replace cover, aligning external setpoint knob to internal setpoint.
2. Adjust setpoint.

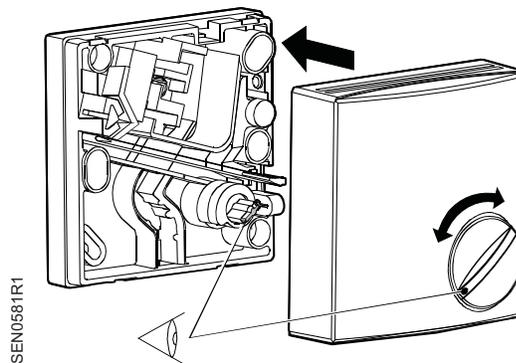


Figure 8. QFA1001 Setpoint Setting.

The installation is now complete.

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