



3312298.0XX Dometic Remote Humidity Sensor Kit Installation Instructions

DESCRIPTION

The Dometic remote humidity sensor kit consists of a circuit board with cable, a remote humidity sensor cap, one mounting screw and a sensor base. The remote humidity sensor kit is used with a Dometic Dehumidify Comfort Control Center thermostat. Only one dehumidify air conditioner and remote humidity sensor can be used with each Dehumidify Comfort Control Center thermostat.

⚠ WARNING

Shock Hazard. Disconnect 120 VAC power supply and the positive (+) 12 VDC terminal at the supply battery. Failure to heed this warning may cause death or severe personal injury.

INSTALLATION

A. Location

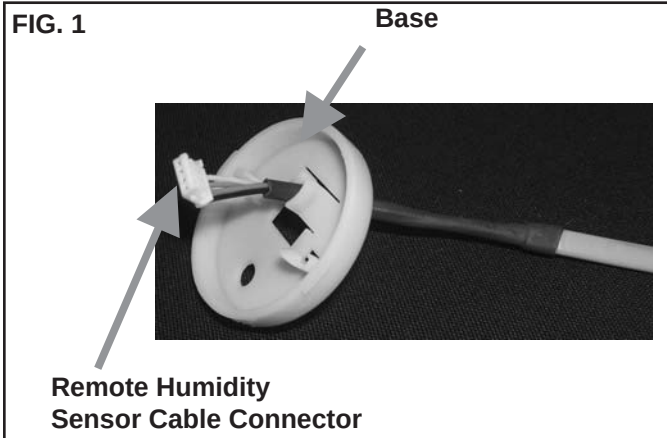
1. The proper location of the remote humidity sensor is very important to ensure that a comfortable RV relative humidity is maintained. Observe the following rules when selecting a location.
 - a. Locate the remote humidity sensor 54" above the floor.
 - b. Install the remote humidity sensor on a partition, not on an outside wall.
 - c. **NEVER** expose it to direct heat from lamps, sun or other heat producing items.

B. Remote Humidity Sensor Cable Routing

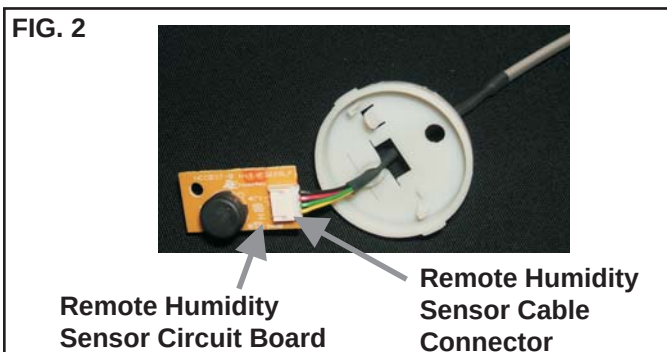
1. Route the remote humidity sensor cable from the Comfort Control Center thermostat to the selected mounting location for the remote humidity sensor.
2. The RJ11-4P-4C connector end of the humidity sensor cable will share the hole through the wall with the thermostat communication cable. See dehumidify air conditioner installation instructions for hole size.
3. Drill a 3/8" hole through the wall at the remote humidity sensor end. Route remote humidity sensor through wall leaving 2" to 3" protruding out of the wall.

C. Remote Humidity Sensor Installation

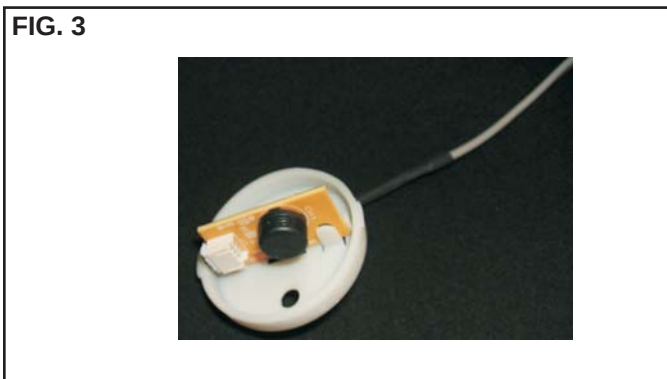
1. Insert the remote humidity sensor cable into the back of base and leave approximately 1" of the sensor cable exposed on the inside of the base. See FIG. 1.



2. Connect the humidity sensor cable to the humidity sensor circuit board. See FIG. 2.

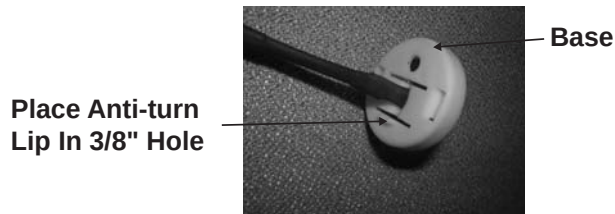


3. Place remote humidity circuit board in the base brackets as shown in FIG. 3.



- Place the anti-turn lip of the remote humidity sensor base into the 3/8" hole with the sensor wire. See FIG. 4.
- Place the remote humidity sensor base over the 3/8" hole and attach it to the wall with the screw provided. Be sure the screw is installed vertical either below or above the 3/8" hole. See FIG. 4.

FIG. 4 Rear View Of Sensor Base



- Place the remote humidity sensor cap on the base and turn to lock in place. See FIGS. 5 & 6.

FIG. 5



Place Cap On Sensor And Turn

FIG. 6



Installed Cap And Base

D. Connecting Remote Humidity Sensor To Dehumidify Comfort Control Center Thermostat

- The RJ11-4P-4C connector end of the remote humidity sensor cable will occupy the same hole through the wall used for the Dehumidify Comfort Control Center thermostat communication cable. See air conditioner installation instructions for hole size.
- Plug the RJ11-4P-4C connector into the smaller of the two connectors on the back side of the Comfort Control Center thermostat. See FIG. 7 & 8.

FIG. 7 Dehumidify Comfort Control Center Thermostat

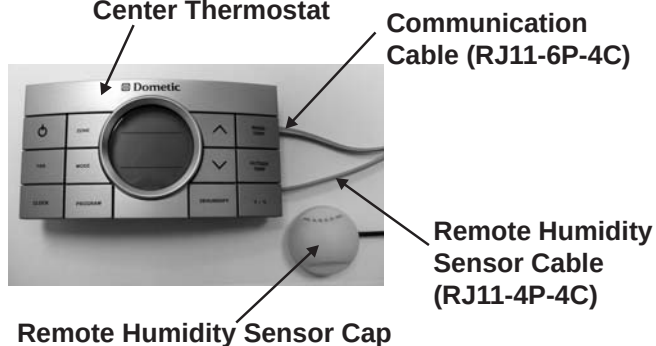
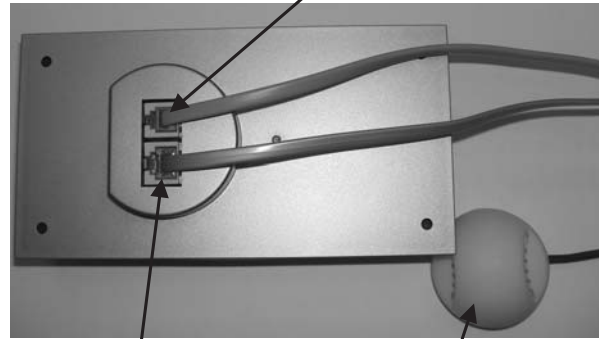


FIG. 8

RJ11-4P-4C Remote Humidity Sensor Cable



RJ11-6P-4C Communication Cable

Remote Humidity Sensor Cap

- This completes the remote humidity sensor installation. Refer to the dehumidify air conditioner installation instructions to complete the Comfort Control Center thermostat mounting.