



DOMETIC REMOTE SENSOR KIT 3106486.0(XX) Installation Instructions

DESCRIPTION

The Dometic **Remote Sensor Kit** consists of a sensor with cable, a cable clamp, and a sensor cap. Three mounting screws are also provided. The **Remote Sensor Kit** may be used with the Dometic **Comfort Control Center™**. A sensor may be mounted in each zone of operation for zone sensing and control.

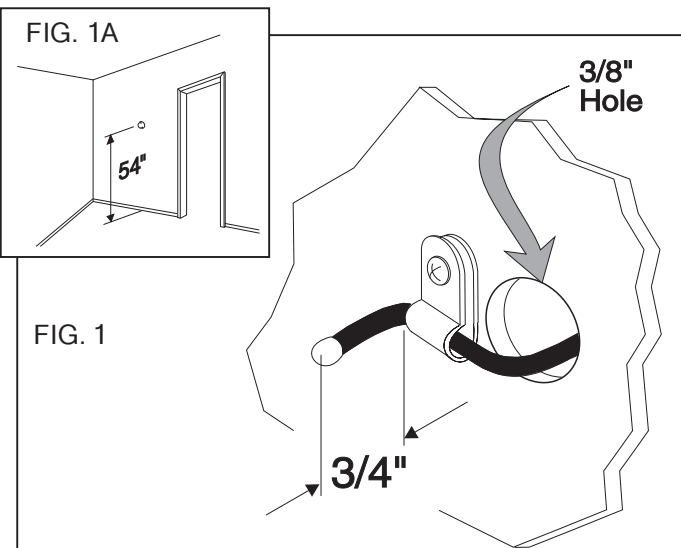
WARNING

Disconnect all power supplies and the positive (+) terminal from the supply battery. Failure to follow this instruction may create a shock hazard.

INSTALLATION

A. LOCATION

1. The proper location of the **Remote Sensor** is very important to ensure that a comfortable RV temperature is maintained. Observe the following rules when selecting a location.
 - a. Locate the **Comfort Control Center™** 54" above the floor. (See FIG. 1A)
 - b. Install the **Remote Sensor** on a partition, not on an outside wall.



REVISION A

Form No. 3106547.023 3/17
(French 3108109.020_A)
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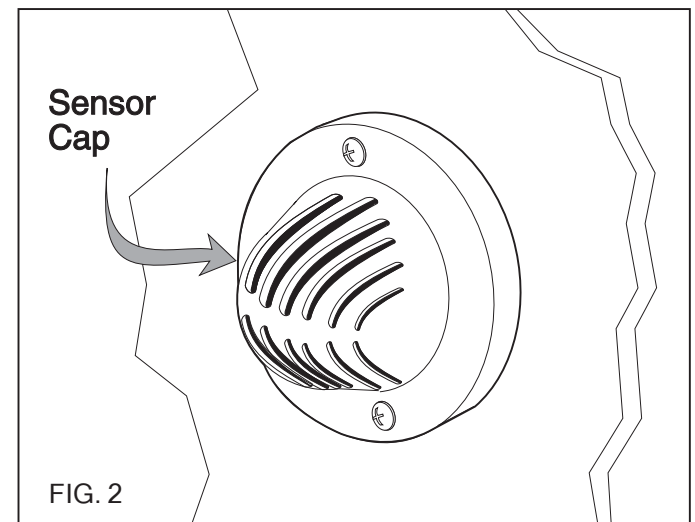
- c. **NEVER** expose it to direct heat from lamps, sun or other heat producing items.
- d. Avoid locations close to doors that lead outside, windows or adjoining outside walls.
- e. Avoid locations close to cold air supply registers.
- f. Avoid area with air stagnation such as under cupboards.

B. SENSOR ROUTING- Roof Top Units

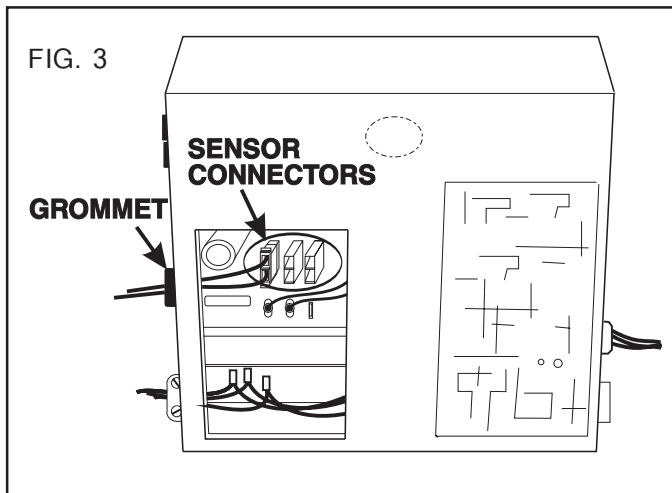
1. Route the sensor cable from the 14-1/4" x 14-1/4" air conditioner opening to the selected mounting location. Make sure that at least 15" of wire extends into the 14-1/4" opening in order to allow easy connection of the sensor to the **Electronic Control Kit**. Make sure that the connector end of the sensor cable is at the 14-1/4" opening.
2. The sensor end must protrude from the wall. A 3/8" hole is needed to do this. Allow approximately 1" to protrude.

C. SENSOR INSTALLATION- Roof Top Units

1. Using the cable clamp and screw provided, attach the sensor to the wall. Allow approximately 3/4" to extend beyond the clamp. (See FIG. 1)
2. Bend the sensor so that it extends away from the wall.



3. Place the sensor cap over the sensor and attach it to the wall with the two (2) screws provided. (See FIG. 2)
4. Remove the screw holding the junction box cover to the **Electronic Control Kit**. Remove the cover.
5. Route the **Remote Temperature Sensor** cable through the grommet in the **Electronic Control Box** and attach it to the connector that matches its color. (See FIG. 3)



6. Replace the junction box cover on the **Electronic Control Kit**.

D. SENSOR ROUTING – BASEMENT MODELS

1. Route the sensor cable from the basement electric box to the selected mounting location. Make sure to leave enough length to allow easy installation into the electrical box. Refer to the basement model installation instructions to identify the grommet location in the electrical box.
2. The sensor end must protrude from the wall. A 3/8" hole is needed to do this. Allow approximately 1" to protrude.

E. SENSOR INSTALLATION – BASEMENT MODELS

1. Using the cable clamp and screw provided, attach the sensor to the wall. Allow approximately 3/4" to extend beyond the clamp. (See FIG. 1)
2. Bend the sensor so that it extends away from the wall.
3. Place the sensor cap over the sensor and attach it to the wall with the two screws provided. (See FIG. 2)
4. Remove the cover to the basement electrical box. Route the connector end of the remote sensor through the grommet and attach it to the connector on the A/C power control module that matches its color. (See FIG. 4)
5. Dual basement models that are operated with remote sensor must have two sensors, one for each stage.

