

Non-conduit Rough-in Kit, Double (for Electronic Room Sensors)

Product Description

The Non-conduit Rough-in Kit, Double (with stud mounting plate) is designed for mounting electronic room temperature sensors in the following situations:

- When two sensors are mounted side-by-side.
- When the sensor must be mounted farther from the stud than is possible with the Metal (or wood) Stud Mounting Bracket (P/N 182-683), up to 6-1/2 inches (165 mm) stud center to sensor center.
- When mounting flexibility is required. The kit allows two mounting distances from the stud.

The stud mounting plate attaches to either metal or wood studs before drywall or plaster is installed.

Product Number

544-784

Required Tools

- Small flat-blade screwdriver
- Medium-duty electric drill with 3/8-inch (9.5 mm) bit

Expected Installation Time

10 to 12 minutes

Prerequisites

- Determine a location for the sensor(s):
 - According to design specifications and local regulations.
 - Where the air circulates around it freely (not in recessed areas or behind doors).
 - Allowing at least four inches (100 mm) free space above and below for proper airflow, the front cover removal tool, and the PC communication cable.
 - Away from drafts caused by doors, windows, outside walls, air registers, pipes, return air plenums, etc.
 - Away from heat sources, such as strong lights, fireplaces or direct sunlight.
 - On an inside wall (preferably), about five feet (1.5 m) above finished floor.

NOTE: While not recommended, if you need to mount the sensor on exterior brick or cement-type walls, see *Installation Instructions 540-742* or *540-743*.

- Obtain any necessary fasteners and hardware.
- Pull cable(s) to the mounting location.

Installation

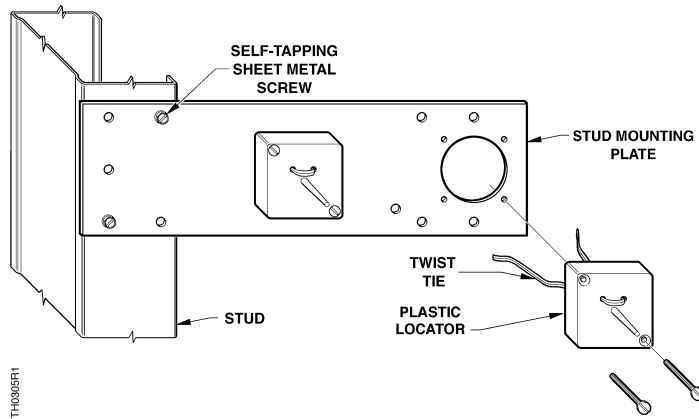


Figure 1. Non-conduit Rough-in Kit (with Stud Mounting Plate).

1. Attach the stud mounting plate to the stud. See Figure 1. You can attach the mounting plate to either side of a metal or wood stud.
 - **If attaching to a metal stud:**
 - a. Use the stud mounting plate (with its medium-size holes) as a template, and mark where to drill mounting holes in the stud.
 - b. Attach the mounting plate to the stud with locally obtained self-tapping sheet metal screws. See Figure 1.
 - **If attaching to a wooden stud:**

Attach the plate with locally obtained self-tapping sheet metal screws. See Figure 1.
 2. Pull the cable(s) through the appropriate large hole(s) in the plate, from back to front.
 3. Fasten the cable(s) to the locator(s) with the twist tie(s) provided. See Figure 1.
 4. Attach the locator(s) to the plate with the screws provided.
 5. Wrap each locator with two rubber bands (provided) to protect the locator from plaster.
- The installation is now complete.

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