

Utility Controller Installation Procedure

Flush Mount and Semi-Recess Installations - Supplemental Instructions

ISIMET recommends that copies of this Supplemental Instructions be provided to other trades to insure that wall surfaces will not interfere with final installation of the unit.

Flush Mounted

Prior to installation:

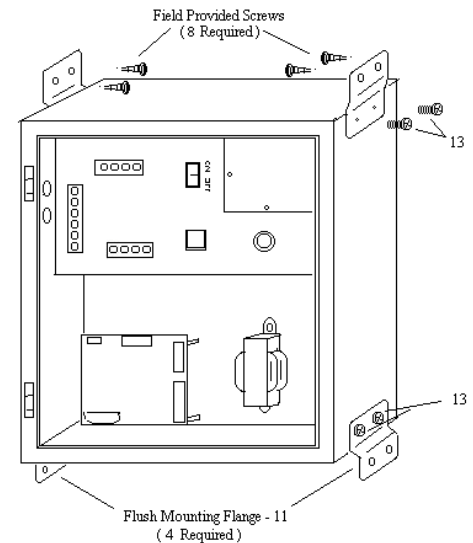
- The Utility Controller easily mounts between two 11" spaced wall studs within a minimum 3 5/8" wall cavity for semi-recess installations or 4" for flush mounting. If stud spacing is greater than that required for the mounting of the controller, add studs to insure a secured mounting.
- The studs should be facing to facilitate securing the controller.
- Predetermine wall finish so that the face lip of the enclosure aligns flush with the finished wall surface.

To install:

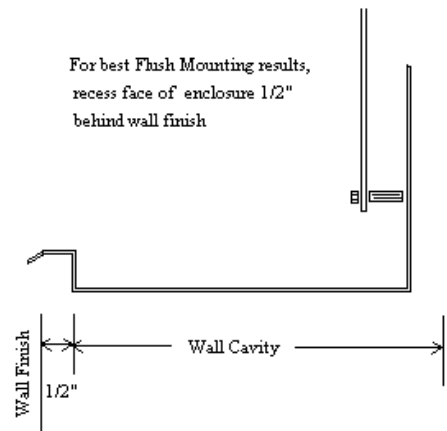
1. Using the self-starting screws (13), mount the flanges at each side and at the top and bottom of the enclosure.
2. Attach the enclosure to the wall studs with field-provided sheet metal screws. (See Figure 5)
3. Level the Controller.
4. Place the protective cover over the face of the unit.

Notes:

- When the Door Panel is mounted onto the Controller, it should protrude beyond the wall surface about 1/4". Care should be taken at installation time to ensure that this occurs.
- A Flush Mounting Trim Flange is provided with each flush mounted unit. Separate installation instructions and hardware are included with this flange.



For best Flush Mounting results,
recess face of enclosure 1/2"
behind wall finish



Clearance around Enclosure:

Care should be taken to allow 1/2" clearance from wall framing and sheet-rock or other wall surface material around the outer surface of the unit to permit the trim to be properly installed.

Protective Cover:

The unit is provided with a protective cover to assure that construction debris does not enter the enclosure during construction. This cover should remain in place until final installation and start-up procedures are complete.

Ceiling Placement of Enclosure or HUB:

If this unit is to be mounted in a concealed space such as a ceiling space, then ready access MUST be provided. A clear area at least 36 inches directly in front of the enclosure's opening must be provided. A clear access from the ceiling entry must be provided. Do not mount this unit above piping or other equipment or by methods that would restrict reasonable access for servicing.

Semi-Recess Enclosure Placement

The Semi-Recess Trim permits the unit to be installed within a standard 3 5/8" wall cavity.

Note: For Semi-Recess Units, then face of the enclosure should be positioned 1/8" behind wall finish.