INSTALLATION INSTRUCTIONS FOR HORIZONTAL ACCESSORY DRAIN PAN MODEL RXBM-AA06

RECEIVING

Immediately upon receipt, all cartons and contents should be inspected for transit damage. Units with damaged cartons should be opened immediately. If damage is found, it should be noted on the delivery papers, and a damage claim filed with the last carrier.

GENERAL

IMPORTANT: Improper installations, or installations not made in accordance with these instructions, can result in unsatisfactory operation and/or dangerous conditions and are not covered by the unit warranty.

This accessory drain pan is designed for use with the new 35" tall and 22" deep electric furnace/air handler. One size accessory pan will fit all four sizes of the above indoor unit models.

⚠ CAUTION

When installing an indoor unit with a cooling coil horizontally over a finished ceiling and/or living space, installation of this accessory secondary pan or a field fabricated drain pan under the entire unit is recommended, to avoid damage to the ceiling.

The accessory drain pan is designed so that the indoor unit fits into the ends of the pan with the sides of the pan fitting up to the unit with overhanging drain troughs to collect condensate. The accessory pan is fitted to, aligned with, and securely attached to the indoor unit.

Consult local codes or ordinances for specific requirements that may apply. The above construction should make requirements for drain pan dimensions greater than unit dimensions to allow for misalignment between pan and unit unnecessary.

Consult installation instructions for horizontal installation of indoor unit. Note proper installation of main horizontal drain pan in unit for horizontal left or right hand air supply. Note recommended installation of main drain and overflow drain (if used) from indoor unit.

UNIT CONFIGURATION

Slots are provided in the side of the accessory drain pan for exit of main drain and overflow from indoor unit. (See Fig. 1 & 2).

Normally with the installation of the accessory drain pan the overflow connection from the indoor unit drain pan is not used. The main drain from the indoor unit must be connected. **Do not drain the indoor unit main drain directly into the accessory secondary pan.**

Before setting unit into accessory pan make sure appropriate cabinet knockouts have been removed for the drain connection(s) from the main unit drain pan.

The drain connection from the unit main drain pan should be made using the 3/4" male pipe thread to 3/4" female socket (cemented) P.V.C. street elbow provided with the indoor unit.

The street elbow may be installed prior to setting the unit on the accessory pan or after setting through access slot in side of accessory pan.

The street elbow should be installed using pipe seal and tightening hand tight. Use a pipe seal that will allow easy removal of street elbow through slot should removal of the indoor coil become necessary for service. The street elbow should be installed with the open end toward the access panel side of the indoor unit and toward slotted side of the accessory drain pan.

The street elbow is less difficult to install if the coil section access panel is in place so as to hold the main horizontal pan connections lined up with the knockouts in unit cabinet.

If the street elbow has been installed prior to setting the unit in pan, the unit with elbow installed must be slid sideways in pan to allow elbow to slide under flange on slotted side of accessory pan. (See Figure 3).

With the indoor unit in the vertical position the accessory pan may be fitted to the side of the unit that is to be the bottom of the unit when in the horizontal position. With the accessory pan in position on the side of the unit, the pan and the unit can be tipped over into the horizontal position as a single unit by one person.

With the unit located in the accessory pan, position as shown in figure 3. Drill two (2) holes in each end of the unit through the 3/16" diameter clearance holes in each end of pan using a #36 drill (.106 diameter) or less. Using 4 - #8 screws provided in parts bag secure the accessory drain pan to the unit.

With accessory drain pan installed, the unit may be set directly on ceiling rafters in either direction. Accessory pan can also be suspended with 3/8" threaded rod (see Figures 1 & 3) or suspended using metal straps. If metal straps are used, make sure the straps are located so they do not interfere with access panels or supply and return duct work. When attaching straps to accessory drain pan make sure screw locations for straps are at least 1 1/2" up from the bottom of the accessory pan.

A 3/4" female pipe thread is provided on the slotted side of the accessory drain pan (see Figures 1 & 2). To ensure proper drainage, the drain line connected to this fitting should be pitched downward away from the pan a minimum of 1/8" per foot of line. The auxiliary drain should be run to a place where it will be noticeable should it become operational. The occupant should be warned that a problem exists if water should begin running from the auxiliary drain line.

Make sure the unit and accessory drain pan are installed level or pitched slightly toward the drain fittings.

Test the accessory drain pan, main unit drain pan and all drain lines after installation is complete. Pour several quarts of water into both drain pans, enough to fill the drain lines. Check to make sure drain pan is draining completely and no leaks are found in the pans and drain line fittings and water is draining from the termination of the condensate drain lines.

FIGURE 1

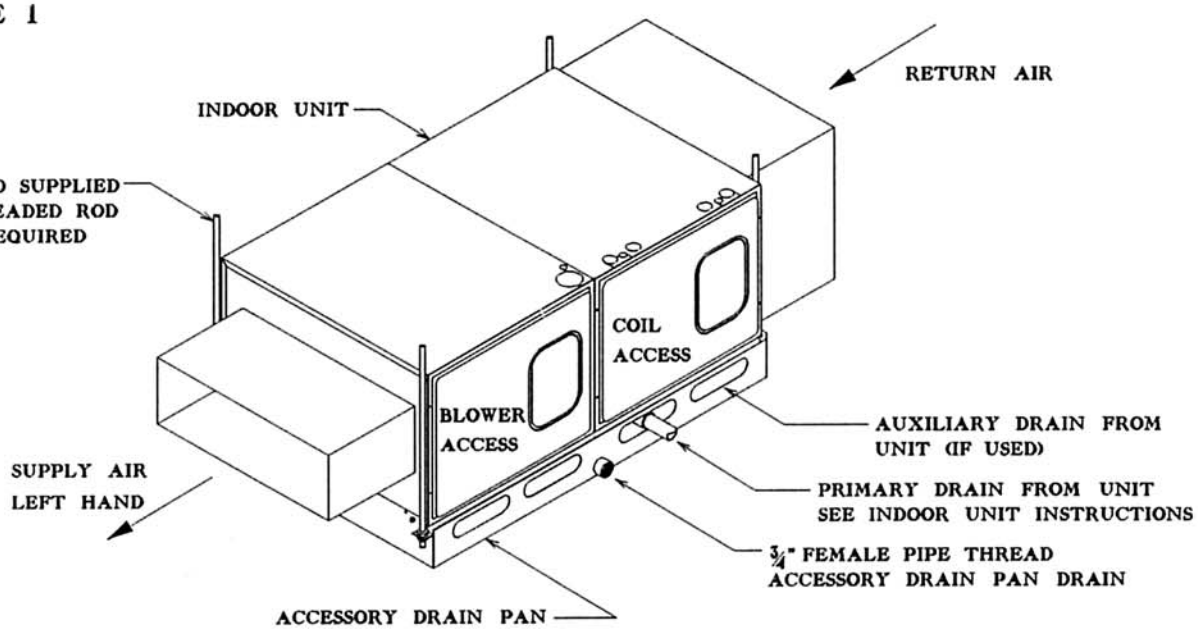


FIGURE 2

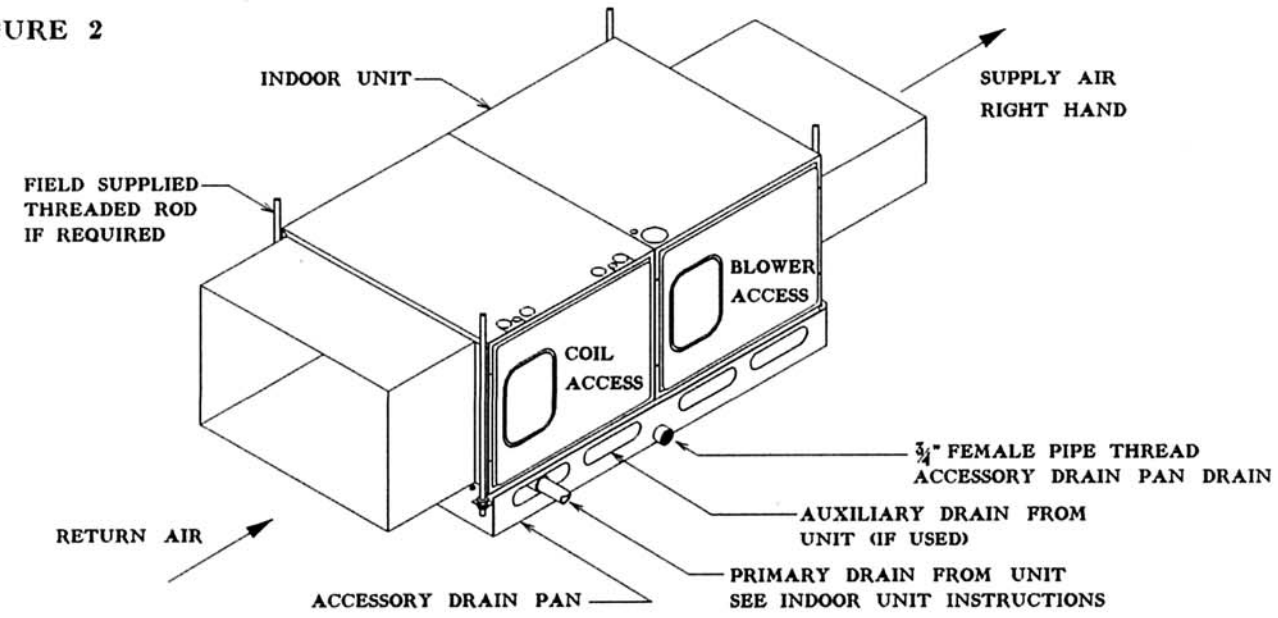


FIGURE 3

