INSTALLATION INSTRUCTIONS FOR AUXILIARY HORIZONTAL OVERFLOW PAN ACCESSORY MODELS RXBM-AC48 & RXBM-AC61

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 overflow pan accessory is designed for use with the H-Series air handlers. RXBM-AC48 is used for 42” air handlers and RXBM-AC61 is used for 50”, 55” and 57" tall air handlers.

⚠ CAUTION

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

The overflow pan accessory is designed to have approximately a 3” clearance between the indoor unit and edge of the accessory drain pan to allow for misalignment between the unconnected secondary drain pan and indoor units. Consult local codes or ordinances for specific requirements that may apply.

Refer to the air handler 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

Normally with the installation of auxiliary overflow pan accessory, 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 auxiliary overflow pan.**

With the auxiliary overflow pan accessory installed, the unit may be set directly on ceiling rafters in either direction. The auxiliary overflow pan accessory can also be suspended with 3/8” threaded rod, or suspended using metal straps.

Do not bend the tabs on the auxiliary overflow pan accessory. Bend the 3/8” threaded rod 90 degrees or use a metal strap or chain to fit the holes on the four corner tabs of the auxiliary overflow pan accessory.

A 3/4” female pipe thread is provided on the front right corner of the auxiliary overflow pan (see Figure 1). 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 auxiliary overflow pan are pitched slightly toward the drain fittings.

Test the auxiliary overflow 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.

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SUPERSEDES 92-102239-02-01

FIGURE 1
AUXILIARY HORIZONTAL OVERFLOW PAN

