Shipping and Packing List

Package 1 of 1 contains:
- 6 − Suspension Brackets
- 1 − Support Rail
- 12 − Steel washers
- 6 − 1/4 hex nut
- 6 − 1/4 x 1−1/2" bolts
- 12 − Rubber washers
- 6 − #8 x 1/2" screws

Application

The horizontal suspension kit provides support for units installed in horizontal applications with evaporator coil.

⚠️ WARNING
Improve installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional HVAC installer or equivalent, service agency, or the gas supplier.

⚠️ CAUTION
As with any mechanical equipment, contact with sharp sheet metal edges can result in personal injury. Take care while handling this equipment and wear gloves and protective clothing.

⚠️ CAUTION
Brackets must be secured to unit and blower access panel must be in place before lifting to prevent damage or injury.

⚠️ IMPORTANT
Improper installation may lead to unit sagging.

Installation

1. Remove front access panel and blower access panel.
2. Carefully lay furnace on its side. For the ease of installation remove bottom cap.
3. Use the bracket as a template to drill the four 1/4" holes.
   - At return end, drill a hole by placing one bracket edge at 3/16" from the front, and aligning other edge to bottom of the unit. See figure 1.
   - Drill second hole by aligning corner of the bracket to the bottom back corner of the unit.
4. Position support rail inside return air end of the unit as shown in figure 1. Align support rail holes with the two holes drilled in step 3. Secure brackets to cabinet using provided bolts, washers and nuts. See figure 1.
5. At the supply end of cabinet, position bracket at the corner of the cabinet as shown in figure 2. Use the bracket as a guide to drill the third hole in the side of the cabinet. Secure bracket to cabinet using provided bolts, washers and nuts.
6. Position bracket adjacent to screw on side of cabinet as shown in figure 2. Use bracket as a guide to drill the fourth hole. Secure bracket to cabinet using provided bolts, washers and nuts.
7. Use the provided #8 screws to secure metal strapping to the overlapping side of the bracket. Install furnace level side to side but tilt slightly forward to help drain the evaporator coil.

NOTE − On high efficient gas furnaces an 8” service clearance is required for the condensate trap.

Evaporator Coil

8. Repeat step 6 and 7 for the evaporator coil cabinet. See figures 4 and 5. Make note of dimensions for location of brackets on discharge air right figure 5.

NOTE − Service and access clearances must be considered before installing unit.
Bracket Installation
(typical)

Nut
Washer
Rubber Washer

3/16 inch (typical)

Rubber Washer
Washer
Bolt

Support Rail
(installed along inside of cabinet)

NOTE − Bottom cap removed for installation.

FIGURE 1

Bracket (line up with corner of cabinet)

Install bracket adjacent to THIS screw in all applications

FIGURE 2
FURNACE SHOWN WITH HORIZONTAL BRACKETS INSTALLED

FIGURE 3

FURNACE AND EVAPORATOR COIL SHOWN IN DISCHARGE AIR LEFT POSITION

FIGURE 4
FURNACE AND INDOOR COIL – RIGHT-HAND AIR POSITION

PREFERRED AIRFLOW – Refrigerant Lines and Drain Connections on Rear of Coil

Refrigerant Line and Drain Connections on Rear of Coil

Brackets

Metal Strap Brackets (line up with corner of cabinet)

Drain Pan 90% Furnace Under Furnace and Coil

Drain Pan 80% Furnace Under Coil Only

OPTIONAL AIRFLOW – Refrigerant Lines and Drain Connections on Front of Coil

Coil Rotated 180° End for End (Spacer Required)

Spacer

Brackets

Metal Strap

4–1/2 typical

2 typical

Drain Pan 90% Furnace Under Furnace and Coil

Drain Pan 80% Furnace Under Coil Only

Refrigerant Line and Drain Connections on Front of Coil

FIGURE 5