

Extreme Wind Condition Mounting Kit

Installation Instructions

For Anchoring P4, Q4, R4 Units on Roof Curb

This kit is used to anchor Nordyne large packaged AC/HP units and gas pack units to the roof curb. Instructions for installing these anchors are given below.

This anchor system is designed to meet the requirements of the FLORIDA BUILDING CODE Section 301.13 regarding the wind resistance and anchoring requirements for mechanical equipment in Florida hurricane zones. This kit will secure these units to the roof curb and withstand a maximum wind speed of 130 MPH or 3-second gusts to 150 MPH, as required. Minimum concrete pad requirements are given below.

KIT CONTENT

Mounting Bracket — Qty 4

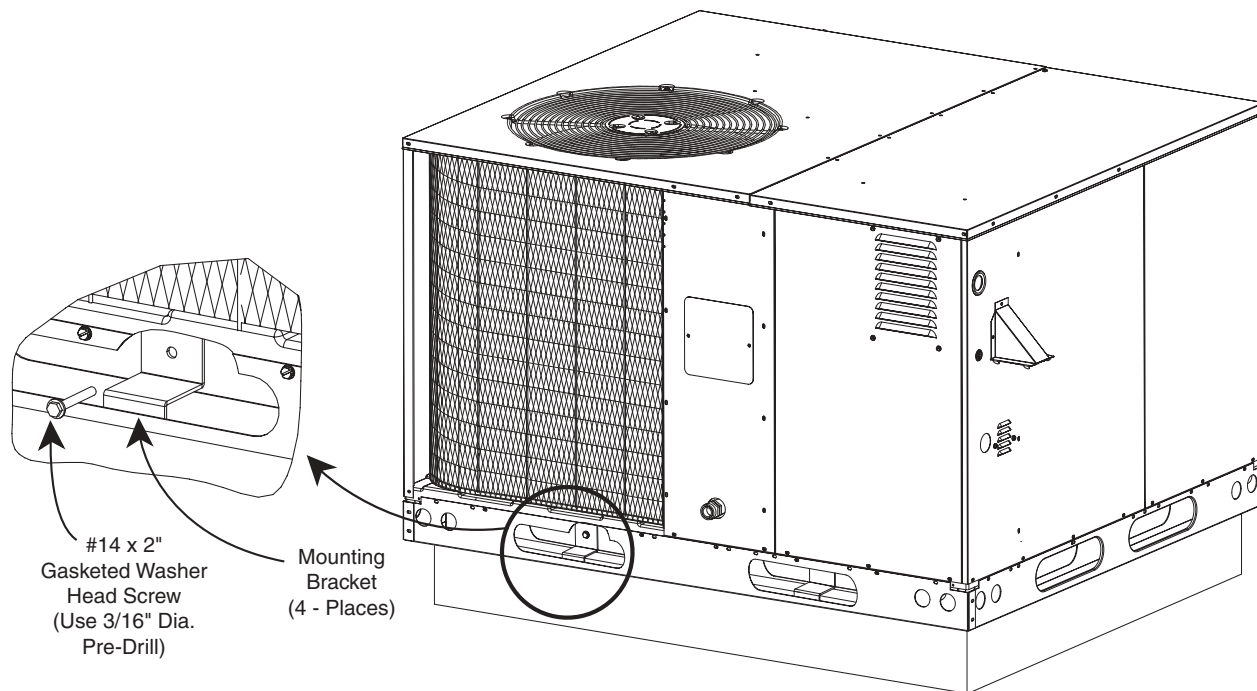
Gasketed Washer Head SM Screw #14 x 2" — Qty 4

Installation Instructions

Installation procedure for installing anchor kit:

1. It is recommended that this kit be installed on the unit before connecting electrical wiring and ducting. It may be installed later if necessary.
2. After the unit is positioned on the curb install the anchor brackets as illustrated below. Use the gasketed sheet metal screws provided to secure the unit to the curb. Position the bracket and pre-drill 3/16" dia. holes through the flashing, wood strip and curb before installing the screws. NOTE: These anchors are designed to accommodate clearances between the base rail and curb of 0 - 2".
3. Install one anchor in each oval cutout in the side base rails near the corners, as shown below — 4 total.

Note: Fasteners used in the installation of this kit must be properly installed and completely screwed in such that the head of the fastener engages the bracket.



Mounting system depicted is suitable for mounting to a standard roof curb at a height above ground up to 60 feet. Suitable mounting up to 500 feet above ground may be accomplished by using a 14 ga. curb and 2 clips in each mounting pocket.

O'Fallon, MO

NORDYNE



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Product Certification

I have reviewed the test data and the instructions and contents of the "high-wind" mounting kit for anchoring Model P4, Q4, and R4 Package units and have made the following findings. The mounting kit clips allow the designated units to resist a 150 MPH wind speed when fastened to an adequately designed galvanized steel curb in accordance with the instructions provided. Acceptable anchorage fasteners are #14 x 2" sheet metal screws, one through each clip and into mating surface of unit base rail.

My technical study was based upon the 2001 edition of the Florida Building Code, 3 second gust wind speed, exposure category "C", mounting height above ground up to 500 feet, and an importance factor of 1.15.

Note: Copies of the Installation Instructions included with the kit are not stamped. If the local Mechanical Inspection office does not have a stamped copy of this Installation Instruction on file, one may be obtained from the manufacturer of this kit. Contact the distributor where this kit was purchased.