

ACCESSORY KIT INSTALLATION MANUAL

HURRICANE KIT (S1-1HK0101)

FOR AC MODELS: CMA, AC2A, AL2A, CMB, AC3A, AL3A, CZB, AC3B, AL3B, CZE, AC5B, AL5B, CZH, AC8B, AL8B SERIES
FOR HP MODELS: YMA, HC2A, HL2A, YMB, HC3A, HL3A, YZB, HC3B, HL3B, YZE, HC5B, HL5B, YZH, HC8B, HL8B SERIES

GENERAL INFORMATION

The purpose of this hurricane accessory kit is to keep the unit together and fixed to the concrete pad or equivalent approved support in the event of hurricane force winds.

CONTENTS

This kit contains four corner post brackets and five sheet metal screws. Inspect the kit to ensure that all the parts are included. Four 1/4" concrete bolts will need to be provided by installer. It is recommended to use 1/4" x 1-3/4" Hex Sleeve Concrete Anchors or equivalent.

Several tools will need to be provided including a hammer drill with a 1/4" concrete or masonry drill bit, a hammer, a socket and ratchet wrench, a drill with an 1/8" drill bit, nut driver and a marker or pencil.

INSTALLATION

To install the hurricane kit to a concrete pad using the suggested concrete anchors, use the following steps:

1. Set the clips against the unit as shown in Figure 1. The clip should sit flush on the concrete, go up and over the base pan and rest flush against the corner post. Using a marker of some sort, mark where the holes need to be drilled on the concrete pad. Remove clips.
2. Using a hammer drill with a 1/4" concrete or masonry drill bit, drill the holes that were marked in Step 1. Make sure to drill the hole deep enough to completely accept the concrete bolt.
3. Keeping the washer and the nut on the bolt, place the bolt into the hole and carefully hammer the bolt down until the washer is approximately the thickness of the bracket (.06") away from the concrete.

4. Remove the washer and nut and place the bracket over the bolt. It should sit flush with the concrete. Place the washer and nut over the bracket and tighten with a socket and ratchet wrench.
5. Using the existing hole in the bracket as a guide, drill a hole into the sheet metal corner post using a drill and a 1/8" drill bit. See Figure 1 for location. Attach to corner posts with the provided sheet metal screws.

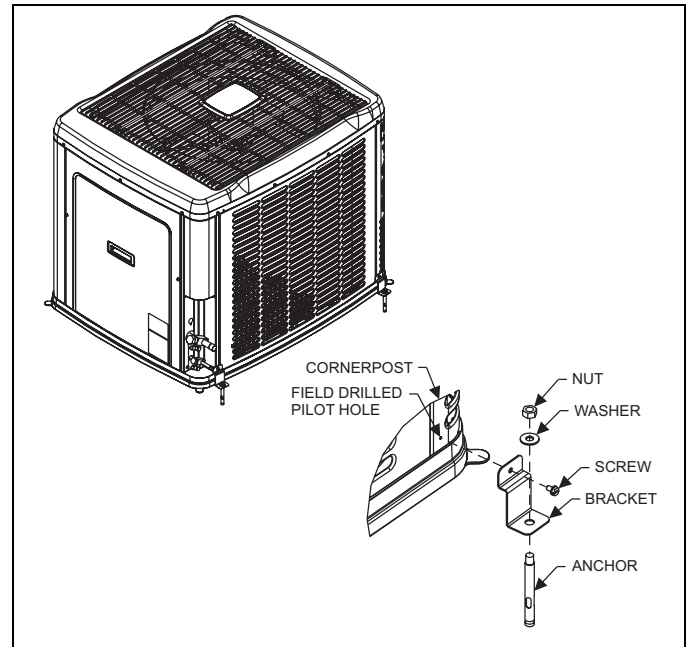


FIGURE 1: Bracket Assembly

PRODUCT CERTIFICATION – Ground Mounted Units

I have reviewed the test data and the instructions and contents of the Hurricane Kit (York International Part Number 1HK0101) for use with the condensing unit models listed above 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 hard concrete or metal support (stand) in accordance with the instructions provided. Acceptable anchorage fasteners include 1/4" Tapcons with 1 1/2" embedment into concrete or 1/4" Grade 5 bolts with nuts and washers, one through each clip into or through mating support.

My technical study was based upon the 2007 edition of the Florida Building Code, 3 second gust wind speed, exposure category "C", mounting height within 8 feet of ground, and an importance factor of 1.15.

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