

# ACCESSORY KIT INSTALLATION MANUAL

## HURRICANE KIT (S1-1HK0201)

**FOR AC MODELS: H\*RA, H\*BA, AC10, AY, AM, H\*ZD, CCB, LCB, H\*RD, H\*BD, ERCS, AC13, H\*RE, H\*BE, FRCS, GCGD, TCGD, CCGD, YCJD, CCJD, LCJD, TCGF, YCJF, CCJF, LCJF, TCJD, TCJF, GCGF SERIES**

**FOR HP MODELS: E\*RA, E\*BA, HP10, E\*ZD, CPBD, LPBD, E\*RD, E\*BD, ERHS, ERHQ, HP13, E\*RE, E\*BE, FRHS, THGD, GHGD, CHGD, YHJD, CHJD, LHJD, THRD, GHRD, THGF, YHJF, CHJF, LHJF, THJD, THJR, YHJR, THJD, THJF, GHGF 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.

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This kit contains six brackets and six 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 bracket against the unit as in Figure 1. The bracket should sit flush on the concrete, and line up with existing hole in base. Two brackets per long side for rectangular base units. Square base units require one bracket per side. Using a marker of some sort, mark where the holes need to be drilled on the concrete pad. Remove brackets.
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. Align the bracket to the drilled hole and drive in 1/4" concrete bolts to secure the bracket to the concrete pad.
4. Using the existing hole in the bracket as a guide, use screws provided to attach the bracket to the base-wire rod combination. If additional holes are needed, use the 1/8" drill on the base flange being careful not to damage the coil.

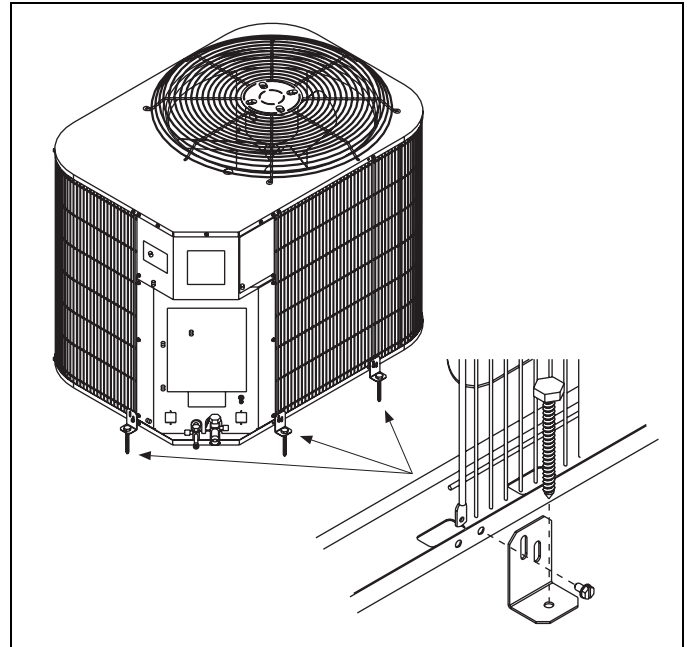


FIGURE 1: Bracket Assembly

### PRODUCT CERTIFICATION – Ground Mounted Units

I have reviewed the test data and the instructions and contents of the Hurricane Kit (York International Part Number S1-1HK0201) 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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