

Product certification statement:

FOR MODELS: ZR, ZH, DH, DJ, DR, DF, DM; ZU, ZK, DW, DK, DS, DL, DU; JZH, J**ZR, J**DR, J**DJ, J**DH, J**DF, AND J**DM 6.5-12.5 TON COOLING SERIES. ALSO INCLUDES XP, BP; XA, BA; J**XP, AND J**BP 6.5-12.5 TON HEAT PUMP SERIES.**

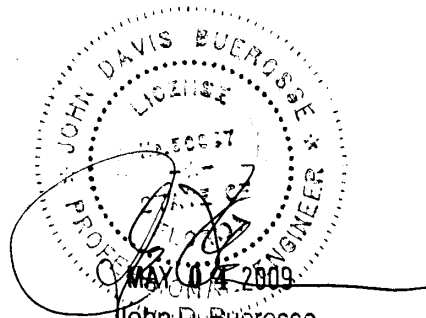
PRODUCT & MOUNTING CERTIFICATION

I have reviewed the specified unit cabinet and panels' test data, installation instructions, and the contents of the Hurricane Curb and Wind Kit, and the On-grade Kits (Johnson Controls Part Numbers #0564ZH712CR07WND18, #CRB564WND07KIT18, and York #1HK 0452) for use with the unit model listed above, and have made the following findings:

The specified units and their special Roof Curbs will resist a 150 MPH wind speed when the unit is fastened per the curb installation instructions. The ten (10) micro hold supports must be installed on all applications, three per long side, and two on each end. Micro holds must also be fastened inside the roof curbs, before the unit is set.

The specified units and their On-grade mounting kits allow the designated units to resist a 150 MPH wind speed when fastened to 2,500 psi minimum test concrete pad in accordance with the instructions provided. Acceptable anchorage fasteners are ten (x10) WW- 1254 Red-Head Trubolt IBC rated concrete anchors, S/S-304, 1/2"-13 NC x 5.5", one through each tall (3"x3") angle bracket. Minimum pad slab thickness shall be 6" and the minimum embedded depths shall be 3-3/8" for the 1/2" diameter anchors. Minimum center line spacing of anchors shall be at 6-3/4", which is far exceeded per installation layout. Minimum pad edge distance shall be greater than 3-3/4". The four (x4) self drillers per anchor are #12 stainless steel 1-1/4" long or equivalent screws.

My technical study was based upon the 2006 edition with 2008 addendums of ASCE 7-05, the Florida Building Code and IBC, 3 second gust wind speed, exposure category "C", mounting heights from ground level up to 500 feet, and using an importance factor of 1.15.



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