

July 10, 2017

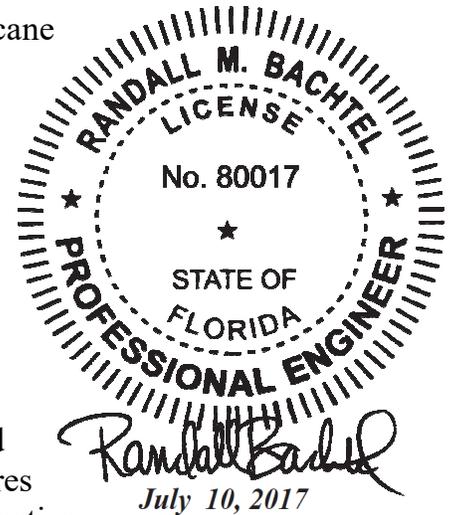
SPECIFICATIONS FOR: HC-1 CLIP: USED FOR EQUIPMENT ATTACHMENT TO DIVERSITECH HURRICANE PADS

This document specifies attachment clips used with H-Class Hurricane Pad use for all counties with a maximum wind speed of 150 MPH.

The HC-1 clip or Carrier Fat Cat Clip or OEM equivalents are used to attach equipment to a single concrete H-CLASS HURRICANE pad using ¼” Blue or White or Stainless Tapcon Concrete anchors minimum 1” embedment.

Minimum Tapcon (or equivalent anchor) specification is 700 lbs. PULLOUT and 900 lbs. SHEAR.

Analyses per 5th Edition (2014) of the Florida Building Code Section 1620 High Velocity Hurricane Zones. Wind Loads & Load Combinations per ASCE 7-10, Chapter 29 - Wind on other structures and building appurtenances, Section 2.4.1 (Load Combinations), Section 29.5 & Figure 29.5.1 for wind loads on other structures. Calculations based on Risk Category II, Table 1604.5 - Risk Category of Buildings and other Structures, Section 301.15 of the mechanical code, wind resistance, and 553.844 of the Florida Statutes for Storm Loss Mitigation.



For equipment with dimensions that are less than 32 inches wide, AND less than 32 inches long AND less than 32 inches in height, four (4) HC-1 or equivalent clips are necessary to attach the equipment to the concrete pad (See drawing below).

For equipment that requires two (2) Hurricane pads regardless of equipment dimensions, 12 HC-1 or equivalent clips are required. See DiversiTech HURRICANE PAD documentation.

For equipment that is larger than 32” in width or length or height, then eight clips are required (2 per side). See DiversiTech HURRICANE PAD documentation.

