Ron Cribbs, PE - Cribbs Structural Engineering

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PRODUCT EVALUATION REPORT

February 8, 2021

Application Number: FL32146.1-R2

Product Manufacturer: Hussmann Corp.
Manufacturer Address: 2700 Crestridge Ct, Suwanee, GA 30024

Product Name & Description:
C-Series Condenser (Roof and Ground Mounted)

Scope of Evaluation:

This Product Evaluation Report is being issued in accordance with the requirements of the Florida Department of Business and Professional Regulation (Florida Building Commission) Rule Chapter 61G20-3.005, F.A.C., for statewide acceptance per Method 2 (B). The product listed above has been evaluated as summarized herein to show compliance with the Florida Building Code Seventh Edition (2020) and is, for the purpose intended, at least equivalent to that required by code. Re-evaluation of this product shall be required following pertinent Florida Building Code modification or revisions.

Substantiating Data:

- Product Evaluation Documents

Hussmann C-Series Drawing Sheets – 1 thru 124, prepared by Hussmann Corporation in conjunction with and signed/sealed by Ronald Cribbs PE, is an integral part of this evaluation.

- Structural Engineering Calculations

Structural engineering calculations have been prepared which evaluate the product based on comparative and/or rational analysis to qualify the following design criteria:

1. Maximum Allowable Unit Width
2. Maximum Allowable Unit Height
3. Maximum Allowable Unit Length
4. Maximum Allowable Roof-Top Heights for various installation wind speeds and exposure categories.
5. Anchor requirements
6. Minimum Unit Weight

Impact Resistance:

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Not Applicable to this product.

Wind Load Resistance:

This product has been designed to resist wind loads as indicated in the Product Evaluation Documents (i.e., product engineering/design drawings).

Installation:

The product listed above shall be installed in strict accordance with the Product Evaluation Documents (i.e., product engineering/design drawings).

Limitation & Conditions of Use:

The use of the product listed above shall be in strict accordance with the Product Evaluation Documents (i.e., product engineering/design drawings).

All supporting host structures shall be designed to resist all superimposed loads and shall be of a material listed in this product respective anchor schedule. Anchor design shall be based on site-specific basis and be performed by a registered professional engineer.

All components which are permanently installed shall be protected against corrosion, contamination, and other such damage at all times.

This product has been designed for use within and outside High Velocity Hurricane Zone (HVHZ).

RONALD A. CRIBBS
LICENSE
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STATE OF
FLORIDA
PROFESSIONAL ENGINEER