Heat Transfer Products Group, LLC
A Division of Rheem Manufacturing
201Thomas French Drive
Scottsboro, Alabama 35769

Date: February 16, 2022

SUBJECT: **Wind Load Analysis of HTPG ½ to 6HP Multi-Refrigerant Air Cooled Condensing Units**

The following wind load analysis applies to all HTPG ½ to 6 HP Multi-Refrigerant Air Cooled Condensing Units using the following nomenclature description:

R	F	O	500	M	48	C	A
1	2	3	4	5	6	7	8

The listings below are the positions for the model with a brief explanation

1 **Branding**: R Russell W Witt K Kramer C ColdZone ? Other brands may use single letter code or asterisk "*"
2 **Condenser and Control Type**: B No Flooded Condenser Control (Indoor or Warm Climate Outdoor) F Flooded Condenser Control (Outdoor) W Water Cooled Condenser R Remote Compressor Unit S Sierra (Special Condenser Outdoor) 3
3 **Compressor Type**: H Hermetic S Semi-hermetic O Scroll
4 **Nominal Size:** XXX Three numbers roughly equal to compressor horsepower times 100
5 **Temperature Range:** L Low Temp M Medium Temp E Extended Temp
6 **Refrigerant Type:** 44 R404A 47 R407C 4A R407A 48 R448A or R449A 4S Used when compressor is rated for all refrigerants in this list
7 **Voltage/Phase/Frequency Code:** C 230/1/60 D 208-230/1/60 E 208-230/3/60 G 460/3/60 V 208/3/60 W 230/3/60 Q 575/3/60 8 **Revision Code:** Starting with letter A

The wind load analysis has determined these multi-refrigerant air cooled condensing units are in accordance with ASCE/SEI 7-16, Florida Building Code Seventh Edition (2020) for the following location and building height:

Installation location: Miami – Dade County, Florida **Installation Height**: 60 feet

Roof Mounting Requirement		
Corner Attachment Point	Tension, lbs. Uplift	Shear, lbs. Horizontal Load
1	620	450
2	620	450
3	620	450
4	620	450

Using a roof curb to install these condensing units requires a metal mounting surface with stand details to be provided by the selected mechanical contractor at the job site.

Digitally signed by Diane M Jakobs
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