



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

Date: 10 October 2024

SUBJECT: Wind Load Analysis of HTPG “ET” ENVIRO-THERM Models

The following wind load analysis applies to all “ET” ENVIRO-THERM Models using the following model nomenclature:

- 1 **Branding:** R Russell W Witt K Kramer C ColdZone ? other brands may use single letter code
- 2 **Models:** ETHN-1, ETHN-2, ETHN-3, ETHN-4, ETHN-5
- 3 **Style:** -R, -H

The wind load analysis has determined the unit panel integrity is in accordance with ASCE/SEI 7-22, Florida Building Code Eighth Edition (2023) for the following location:

Installation location: Miami – Dade County, Florida

Installation Height: 60 feet

Roof Mounting Requirement				
Model	Number of Attachment Points	Max. Force at Each Attachment Point		Max Unit, Hurricane Net Overturning Moment (lbs.ft)
		Hurricane Tension, Net Uplift Load (lbs)	Hurricane Shear, Horizontal Load (lbs)	
ET-1	8	1,169	455	11,232
ET-2	8	1,523	596	14,804
ET-3	8	1,671	679	16,262
ET-3H	8	2,594	915	25,355
ET-4	8	2,023	808	19,811
ET-4H	8	3,030	1,088	29,713
ET-5	10	1,626	806	23,720
ET-5H	10	2,494	1,084	36,514

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

