

Bulletin: 17-21

TO: All Greenheck Representatives
 FROM: Dan Jore
 Application Engineer, Sr., Fume Exhaust and Tubular Inline
 DATE: April 5, 2021
 SUBJECT: New Option Eliminates Guy Wires on Taller Vektor®-M Series



Vektor MD and MH laboratory exhaust fans have a new construction clarification, Wind Speed Level. Wind Speed Level is the force (given as equivalent wind speed) that fans can withstand without using additional supports or guy wires.

These two models and all Vektor models with standard construction have a wind level rating of 125 mph without guy wires. However, adding silencers or stack extensions voids the wind level designation and Greenheck would recommend guy wires at that point. Models MD and MH now have new levels for *no guy wires required* when adding stacks and silencers, plus an additional choice for reinforced construction to maintain the 125-mph level, if required.



Vektor-MH

Vektor-MD

The wind speed levels change, depending fan size and the height of selected accessories. In some instances, the Wind Speed Level is not defined when the system gets to large or tall. See the table below for details on individual levels and availability of the 125-mph option.

Vektor M Series Wind Speed Level (without guy wires)				
Fan Size	Standard Construction	Up to 3 feet w/ either stack extension or silencer	Up to 5 feet w/ either stack extension or silencer	Higher than 5 feet
15 - 40	125 mph	105 mph 125 MPH (optional)	90 mph 125 MPH (optional)	Not Defined*
44+ or All Systems with ERS	125 mph	Not Defined*	Not Defined*	Not Defined*

* When Not Defined, Greenheck recommends use of guy wires, provided by others.

Wind speed level will be displayed on the Configuration tab in CAPS® for the MD and MH and listed in the sales bill and submittal. With the answer of Not Defined for the wind speed level, the submittal drawings will show the guy wire detail.

Learn more about the Vektor MD and MH wind speed levels by contacting the fume exhaust and tubular inline team at vektor.support@greenheck.com.