

## VORTEX Series II HEAVY DUTY ANEMOMETER

This new (November 2013) heavy duty anemometer has a longer shaft than the original Vortex (for reduced vibration), and includes options for Reed or Hall Sensor, Tubular Mount, or Metal Cups. Ideally suited for applications to measure wind speed in all conditions.



### Specification

SENSOR TYPE	3-Cup Lexan rotor (Metal option) Internal sensor is a dry contact reed switch (standard), Hall Sensor (optional).The Hall Sensor requires 5VDC input
SENSOR RANGE	125+ MPH
DISPLAY	Optional Display Kit - directly compatible with the reed switch option (not the Hall Sensor Option)
MOUNTING	Flat metal bracket: 2 holes provided Tubular mounting option: 2 holes provided
ACCURACY	+/-4% of reading or 1 mph, whichever is greater (depends on the display used)
ROTOR DIAMETER	approx. 6 in (152 mm)
LENGTH	approx. 11 in (280 mm) overall with the flat metal bracket approx. 16 in with the optional tubular mount.
WIDTH	approx. 6 in (152 mm)

The VORTEX Series II Anemometer includes the following:

- Hand made Delrin body with longer shaft and internal PC Board for sensors and options
- Optional heavy duty Aluminum tube mounting
- Optional metal cups
- Optional wire lengths
- Optional Hall (single pulse) or Optical Multi-Pulse versions
- Optional Display Kit  
NOTE: ONLY the reed switch version works with the Display Kit
- Completely serviceable and rebuildable!

The Vortex series of wind sensors have a reputation for being well made, accurate, reliable, and affordable. This latest version includes enhancements that our customers have been asking for over the years.

Here is what the tubular mount option and the metal cups options look like:



Tubular Mount Option



Metal Cups Option