



Vertical Wind Monitor

S1331W / S1331Z

- **Expanded polystyrene**
 - **Helicoid propeller**
- **Excellent threshold rating**

The propeller anemometer is a precision air speed measuring instrument employing a helicoid four blade propeller. The propeller drives a miniature tachometer generator, which produces an analog DC voltage proportional to the axial wind component. When propeller rotation reverses, signal polarity reverses.

The propeller anemometer is especially suited for measuring the vertical wind component, since normal unobstructed wind flow infrequently exceeds $\pm 30^\circ$ from horizontal.





Technical Specifications

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Range, Axial Flow:	0 - 55 mph
Threshold:	0.25 m/s (0.5 mph)
Distant Constant:	1.0 m (3.2 ft)