Vantage Pro2[™] Accessories

Includes both wind speed and wind direction sensors. Rugged components stand up to hurricane-force winds, yet are sensitive to a light breeze. Includes sealed bearings for long life. The range and accuracy specifications have been verified in wind-tunnel tests. In areas where icing of the anemometer is a problem, drip rings deflect water from the joint between moving parts.

General

Operating Temperature. -40° to +149°F (-40° to +65°C)
Sensor Type
Wind Speed. Solid state magnetic sensor

Note: Maximum displayable wind speed decreases as cable increases. At 140' (42 m) of cable, maximum displayable wind speed is 135 mph (60 m/s); at 240' (73 m), maximum wind speed displayed is 100 mph (45 m/s).

Material

Sensor Output

Wind Direction

Wind Speed

Resolution and Units Measured in 1 mph. Other units are converted from mph and rounded

to nearest 1 km/h, 0.1 m/s, or 1 knot

Input/Output Connections

Red...... Ground

V = P(2.25/T) (V = speed in mph, P = no. of pulses per sample period)

T =sample period in seconds)

Wind DirectionTranslation Variable resistance 0 - $20K\Omega$; $10K\Omega$ = south, 180°

Package Dimensions

Product #	Package Dimensions (Length x Width x Height)	Package Weight	UPC Codes
6410	17.75" x 10.50" x3.00" (451 mm x 267 mm x 76 mm)	2.0 lbs. (.9 kg)	011698 00237 5