

# CONTROLS WIND SENSORS



## ARIZON'S WIND SENSORS

Arizon's wind sensor is a mechanical style anemometer that measures the horizontal velocity of wind. This unit combines small physical size with superior bearings to meet the EPA's Prevention of Significant Deterioration (PSD) starting threshold requirements. This sensor is a freestanding device for measuring air velocity. The sensor consists of a light weight 3-cup anemometer, which electronically converts wind speeds into a measurable electronic signal. This unit activates "Bad Weather Mode" for the inflation/heating unit controls in the event that the operator has not manually engaged "Bad Weather Mode" already.

### TECHNICAL SPECS:

<b>OPERATING RANGE</b>	0-100 MPH
<b>OPERATING RANGE</b>	Pulsed DC Output, AC Frequency, or Analog
<b>PULSED DC OUTPUT</b>	20-slot disc   1 MPH = 520 pulses/min.
<b>AC FREQUENCY OUTPUT</b>	26 mA/MPH (typical)
<b>ANALOG 4-20 MA OUTPUT</b>	4 mA = 0 MPH   20 mA = 100 MPH
<b>DISTANCE CONSTANT</b>	>21.7' (6.6m)
<b>OPERATIONAL ENVELOPE</b>	0-135 MPH (0 to 60 m/s)
<b>CUP WHEEL DIAMETER</b>	6.0" (15.3 cm)
<b>TEMPERATURE</b>	-40 to 160 degrees F
<b>OVERALL HEIGHT</b>	4.75"
<b>MOUNTING BASE</b>	Screw attachment, 10-32 machine screw



### FEATURES & BENEFITS

**SUPERIOR  
LOW STARTING  
THRESHOLD**

**LONG LIFE HYBRID  
SINGLE WIPER  
POTENTIOMETER**

**NO PLASTIC PARTS FOR  
EXTREMELY LONG LIFE**

**PRECISION STAINLESS  
STEEL BEARINGS FOR  
STABILITY**

**CROSSARM INCLUDED**

**EASY INSTALLATION &  
MAINTENANCE**

**OVER 25 YEARS IN  
PRODUCTION**

**LIGHTWEIGHT AND RUGGED  
ANODIZED ALUMINUM  
EXTERIOR**

**ARIZON**  
BUILDING SYSTEMS

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