

# 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:

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

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