

CONTROLS WIND SENSORS

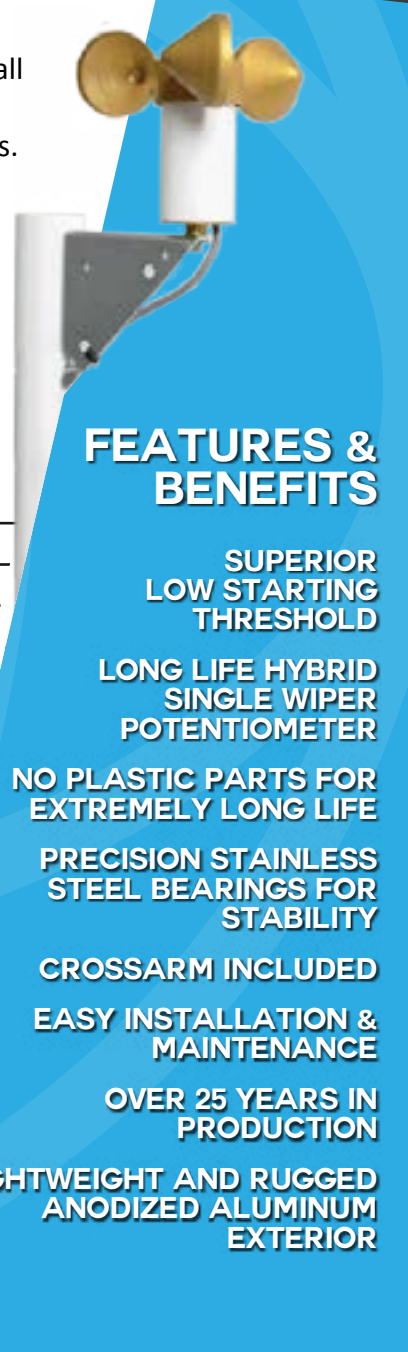


ARIZON'S WIND SENSORS

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
BUILDING SYSTEMS

(800) 325-1303
11880 Dorsett Road,
St. Louis, MO 63043
ArizonStructures.com

