The Model 013A Wind Speed Sensor has been specifically designed to accurately and reliably measure wind velocity under the most adverse environmental conditions.

**Features**
- Accuracy of 2%
- Temperature operating range of -50°C to +70°C
- Stainless steel ball bearings for greatest accuracy and operating life
- Starting threshold of 1.0 mph

**Operation**
The Model 013A is particularly useful in remote, unattended monitoring applications where the sensor is likely to encounter high winds and heavy icing conditions. The sensor has a range of 0-150 mph with an accuracy of 2% and a starting threshold of 1.0 mph. A unique feature of the Model 013A is a built-in ice skirt which allows sensor operation with a 2" ice load. The sensor is supplied with an extremely robust aluminum cup assembly which has a distance constant of less than 15 feet.

Maximum operational reliability is ensured by the use of a sealed magnetic reed switch which produces a series of contact closures at a rate proportional to wind speed. The pulsed output of the sensor lends itself to applications involving both digital and analog measurement systems. Met One Instruments’ Wind Speed Translator Module converts the signal into standardized analog voltage/current output.

**Construction**
The construction of the sensor reflects the requirement for reliability and durability. Only the best corrosion resistant material, such as stainless steel and anodized aluminum are used. The 013A sensor uses a quick connect sensor cable. Cable length may extend hundreds of feet without affecting measurement performance.

**Specifications**
- **Range:** 0 - 150 mph
- **Starting Threshold:** 1.0 mph
- **Accuracy:** ±0.25 mph or 2%
- **Distance Constant:** Less than 15 ft (4.5 m)
- **Operating Range:** -50°C to +70°C
- **Ice Load:** 2 in (5.1 cm)
- **Weight:** 14 oz (.4 kg)
- **Contact Rating:** 10 mA maximum
- **Mounting:** 019MO Crossarm
- **Sensor Cable:** 10 Ft