



# WG-1

## wind g a g e

The Calsense Wind Gage, model WG-1 allows a CS3000 with the weather option, model CS3-W-KIT, provides a simple, quick response tool to monitor and react to real-time wind. The Wind Gage sends pulses to the CS3000 which automatically pauses irrigation when the wind speed exceeds a user-set limit. As the wind subsides, the CS3000 resumes irrigation where it left off.

Designed with corrosion resistant, lightweight gold anodized aluminum assembly, the Wind Gage features sealed, low-torque ball bearings, which never require lubrication. Transmitters are sensitive to light winds and strong enough to withstand winds of hurricane force. The basic unit has been time-proven in over twenty years of exposure to extremes of heat, cold, salt water, etc., delivering years of trouble free operation.

The Wind Gage connects to a 60-slot disk, which, when rotated, interrupts an infrared beam generated by an LED. A photosensitive transistor located on the opposite side of the disk detects the interruption. This configuration creates a reliable and maintenance-free solid-state tachometer. The output signal of the sensor is a pulse train with a repetition rate that is linearly proportional to the wind speed. The anemometer is designed to meet or exceed the performance requirements established by the EPA.

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### technical specifications

#### dimensions

- Height: 7.5"
- Mounting Base Diameter: 0.75"
- Cup Diameter: 4.0"

#### mounting:

- Flat Surface or Pole (brackets included)

#### construction material:

- Gold anodized aluminum
- Cups: Aluminum

#### cable:

- Two-conductor cable (60-ft. max, included)
- Paige® P7171D communication cable (1,000-ft. max)

#### wire splices:

- 3M™ Scotchcast™ Connector Sealing Pack 3570G-N
- Spears® DS-100 Dri-Splice Connectors with DS-300 Dri-Splice Sealant

#### environmental:

- Operating Temperature: -50° to 55°C (-58° to 122°F)
- Relative Humidity: 0 to 100%, non-condensing

#### warranty

- 3-year limited warranty

