

ET GAGE & ENCLOSURE



INFORMATION



ET GAGE

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The Calsense ET Gage is used with the Calsense irrigation controllers to monitor daily evapotranspiration. Measured ET is used to automatically calculate station run times so the irrigation system is reapplying the exact water for the current weather conditions.

Daily ET data is collected with the Calsense ET gage and fed directly into the Calsense irrigation controller. The controller then uses this information to automatically calculate station run times. The ET gage has been designed to evaporate water at the same rate as tall fescue. Measurements comparing the ET gage to weather stations computing ET using Penman evapotranspiration formula show better than 95% accuracy.

The ET Gage sends daily ET measurements, which are typically 0.10 inches to 0.30 inches for a 24 hour period, to the Calsense irrigation controller with an optional factory installed (-G) interface for connecting to the ET Gage. The controller keeps a table of the last 28 days ET. When it comes time to irrigate a station, the sum of the ET numbers since the last irrigation are used to automatically calculate run times. Each station has its own ET percent factor which is used to adjust for irrigation efficiency and crop type. If there is no signal from the ET Gage, historical data is used as a backup. The ET Gage is powered directly by the Calsense controller eliminating the need for batteries.

VANDAL RESISTANT ENCLOSURE

The Calsense ETGE vandal resistant enclosure is used primarily as a cover for the ET Gage. This helps to prevent damage to the Gage from tampering, vandalism, or animal interference.

- The enclosure base post is made from 16 gage electro-galvanized 304 stainless steel.
- The body assembly is manufactured from 5 inch diameter 304 stainless steel tubing.
- The mesh screen is 16 gage ¼ inch stainless.
- The two (2) T-handle assemblies are manufactured from 5/8 inch round 304 stainless steel.

WARRANTY

The reliability and accuracy of the ET gage are direct functions of proper installation, operation, and maintenance by the purchaser. The product warranty protects against defects in materials and workmanship for one year. During the warranty period, we will repair or replace without charge for parts and labor, a product that proves to be defective. This warranty does not cover transportation costs, and it does not apply if the product has been damaged by accident, by misuse, or by modification. No other express warranty is given. The repair or replacement of a product is your exclusive remedy. Except as provided herein, we make no warranties expressed or implied, including warranties of merchantability and applicability for a particular situation. In no event shall we be responsible for consequential damages. Products are sold on the basis of specifications applicable at the time of manufacture.



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