



EVAPORATION GAUGE P/N 101155

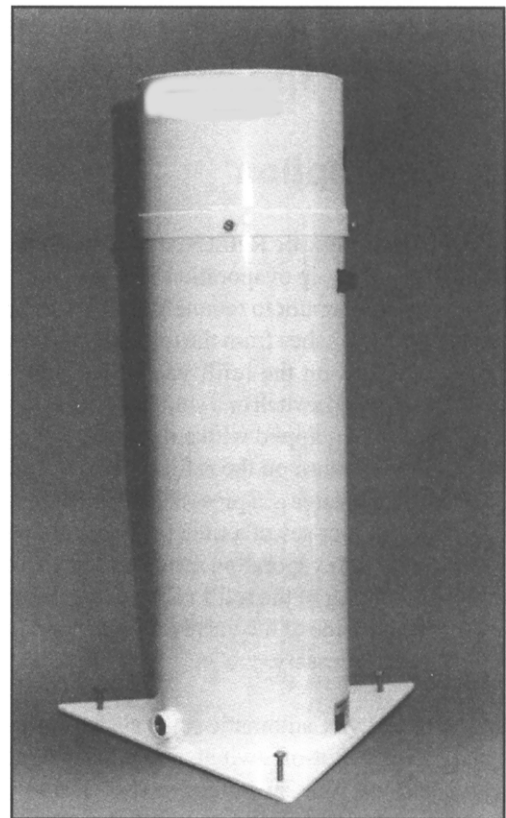
FEATURES

- **High Accuracy and Resolution**
- **Analog Output**
- **Corrosion-Resistant Materials**

The Evaporation Gauge measures the water level in a standard evaporation pan and provides an output proportional to that level. The gauge employs a unique balanced sensor assembly to allow high resolution and simple data collection without frequent, time-consuming visits to the evaporation sensor site.

The sensor assembly incorporates a polypropylene float, which follows the water level in the evaporation pan. The movement of the float is transferred to a 1000-ohm potentiometer through a pulley, counterweight, and gear assembly in a weatherproof housing. The potentiometer produces a resistance output proportional to the position of the float, which can be monitored on site using a data logger, such as the IMP-860.

The evaporation gauge is built completely from corrosion resistant materials. The base and the main support are stainless steel, and the base is equipped with three leveling screws and a bubble level



SPECIFICATIONS

PERFORMANCE

Sensor	3-float assembly
Transducer	1000-ohm potentiometer
Range	0 to 10 in (0 to 250 mm)
Resolution	Infinite
Accuracy	±0.25%
Linearity	±0.25%
Cable	3-conductor shielded, 50 ft

ENVIRONMENTAL

Temperature	-40° to 60°C (-40° to 140°F)
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PHYSICAL

Sensor Assembly:	8 in dia x 27.5"H (203 x 698mm)
Base Dimensions:	16 in triangle (406 mm)
Float:	4 in dia (102 mm)
Weight/Shipping:	15 lbs/20 lbs (6.8 kg/9.1 kg)



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Rev. 8 Jan 2002