

MODEL 255-100 EVAPORATION GAUGE



General Description

The MODEL 255-100 Analog Output Evaporation Gauge is used to determine the evaporation rate by measuring the changing water level in an evaporation pan. A standard, Stainless steel pan is recommended. The instrument consists of a float, pulley, and counterweight attached to a precision 1000ohm potentiometer mounted through a gear assembly in a weatherproof housing, The triangular produces a resistance output proportional to the position of the float which can be monitored on site using a data logger or a strip chart recorder, or monitored remotely by telemetry equipment.

SPECIFICATIONS

Height: 27 1/2 in.

Diameter: 8 in.

Base dimensions: 16" triangle with leveling screws.

Float: 4in. diameter plastic.

Cable: 50ft

Potentiometer

Accuracy: 0.25%

Rotation: continuous.

Resistance: 1000 ohms

Operation temperature: -40 to 60

Linearity: 0.25%.

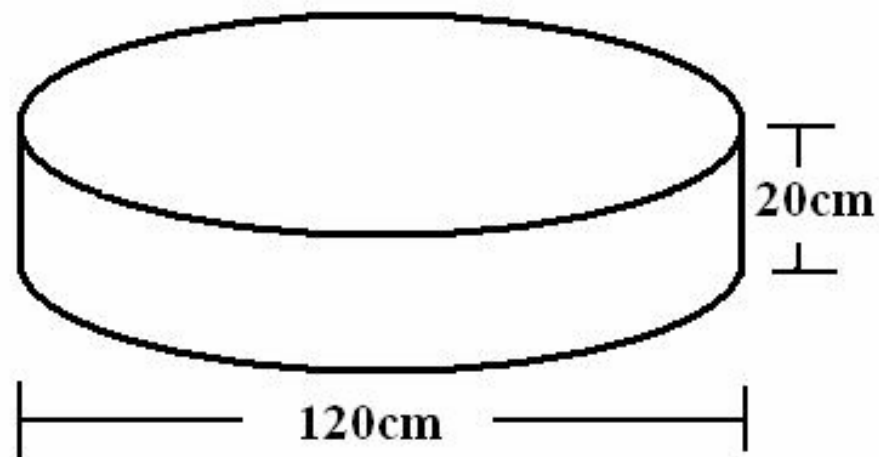
Range: 0-10 in.

Water input port: 1/2in. NP coupling, female.

Weight: 7 1/2 lbs.

Accessory: MODEL555 stainless steel evaporation pan, it is normally installed on a wooden platform set on the ground in a grassy location.

Model 555 Evaporation Pan



Specifications:

Diameter: 120cm

Height: 20cm

Material: Stainless Steel