



Class A Evaporation Pan and Gauge

The Evaporation Pan is a standard Class A type for measurement of water evaporation. The pan is filled with water and exposed to represent an open body of water. The pan is filled to within 2.5 inches of the top of the pan. The evaporation rate can be measured by manual readings or automatically recorded with the EVIG/I evaporation gauge and a Skye DataHog2 or MiniMet datalogger.

The Evaporation Gauge is used to determine the evaporation rate by measuring the changing water level in the Class A Evaporation Pan. The sensor consists of a float, pulley, and counterweight attached to a precision 1000-ohm potentiometer mounted through a gear assembly in a weatherproof housing.

The triangular base plate is equipped with three levelling screws and a bubble level. The potentiometer produces a resistance output proportional to the position of the float which can be automatically recorded using the Skye DataHog or MiniMet data logger. The gauge can be placed directly in the pan, or connected to the pan using supplied stainless steel pipe and fittings.



SPECIFICATIONS - GAUGE

Potentiometer:

Accuracy: 0.25%

Rotation: Continuous

Resistance: 1000 ohms

Operating temp: -40°C to 60° C

Linearity: 0.25%

Range: 0-10"

System accuracy: Gauge with pan & pipes \pm 0.25% over 10" range

Float: 4" diameter

Height: 27-1/2"

Diameter: 8"

Base: 16" triangle with leveling screws

Water input port: 1/2" NP coupling, female

Cable: 3 conductor, 50' included

SPECIFICATIONS - PAN

Material: Low carbon stainless steel

Construction: Heliarc welded 1/2" drain plug

Size: 10" H x 47.5" Dia
(254 mm x 1026 mm)

Weight/shipping: 50 lbs/62 lbs
(23 kg/28 kg)

ORDERING INFORMATION

EVAP/I - Class A Evaporation Pan with Evaporation Gauge & 15m cable
15m cable and DataHog connector

EVAP - Class A Evaporation Pan with Evaporation Gauge & 15m cable

EV PAN - Class A Evaporation Pan (ONLY)

EVIG - Evaporation Gauge with 15m cable (ONLY)
(add /I for a DataHog2 connector)

Skye Instruments Ltd

21, Ddole Enterprise Park, Llandrindod Wells, Powys LD1 6DF, United Kingdom

TEL: +44 (0)1597 824811 EMAIL: skyeemail@skyeinstruments.com WEB: www.skyeinstruments.com