

255-212 Min-Max Thermometer

The **255-212 Min-Max Thermometer** can be configured as either a floating or submersible thermometer for measuring the minimum and maximum temperatures of water, such as in an evaporation pan. It features a digital thermometer mounted on a non-magnetic base. The built-in solar radiation shield protects the thermometer against direct sunlight.

In a float-mounted installation, two floats are installed on the thermometer base to float the thermometer approximately 1/4" below the water surface. The thermometer is then attached to an anchor using flexible lines at least 10" long, but short enough to keep the unit approximately one foot from the edge of the pan and the gauge.

In a submerged installation, the thermometer base rests on the bottom of the pan. A non-magnetic handle is fastened to the base and hooked over the edge of the pan. The thermometer should be located on the inside-bottom of the south side of the pan (in the northern hemisphere) to ensure that the thermometer is shaded as much as possible from the direct rays of the sun.

Specifications

Thermometer type: Digital minimum-maximum
 Typical range: 0 to 150° F or -18 to 65° C
 Resolution: 0.1° from -19.9° to 199.9°, otherwise 1°
 Accuracy: ± 0.5° C or ± 1° C
 Dimensions:
 Stainless steel probe diameter 0.14", length 5"
 Case diameter 1-3/4", depth 1/2"
 Weight: 1-1/2 oz

General

Dimensions: 11-1/4" long without floats, 13-1/2" with floats
 Weight/shipping: 1 lb/3 lbs

Ordering Information

255-212D Floating/Submersible Min-Max Thermometer, digital
 210-4039 Replacement Thermometer

255-200 Evaporation Pan

The **255-200 Evaporation Pan** is a standard, National Weather Service Class A type for evaporation measurement. It is normally installed on a wooden platform set on the ground in a grassy location. The pan is filled with water and exposed to represent an open body of water. The pan is normally filled to within 2.5 inches of the top of the pan. The evaporation rate can be measured by manual readings or with an analog output evaporation gauge.

Specifications

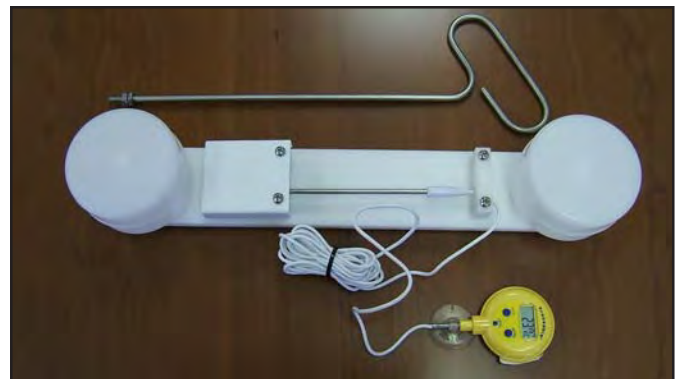
Material: Low carbon stainless steel
 Construction: Heliarc welded, 1/2" drain plug
 Size: 10" H x 47.5" Dia (254 mm x 1026 mm)
 Weight/shipping: 50 lbs/68 lbs (23 kg/31 kg)
 Shipping carton dimensions: 50" x 49" x 11"

Ordering Information

255-200 Class A Stainless Steel Evaporation Pan



255-200 Evaporation Pan (shown with stillwell and replacement graduate)



255-212D Floating/Submersible Min-Max Thermometer