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**

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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 1206 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

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