

NU-102

Solar Powered Water Temperature Gauge



Description:

The NU-102 electronic digital surface temperature gauge operates on solar power in light levels above 100 LUX. As the light level decreases, a battery backup system provides increasing power for constant display. The light source may be indoor lighting or sunlight.

Unit displays the temperature from -40°F to 160°F. The NU-102 is conveniently sized to replace existing mechanical units, and requires no electrical wiring.

Features:

- .40 LCD temperature display
- Accuracy of $\pm 2^{\circ}\text{F}$
- Includes a 20 foot electronic temperature sensor
- Updates every 10 seconds.
- Dimensions: 2.1" cutout, 2.75" Face, .55" Deep

Installation:

Select the desired location, making sure it is not overly shady, as this will reduce the life of the backup battery, and either remove the old gauge, or drill a new 2" hole for the temperature gauge. Place the probe wire through the new hole, and then place the thermometer body into the hole. Fasten it down by placing screws into the three holes around the outer edge. Then run the probe to the desired location, keeping an eye out for a route for the probe wire that will both conceal it and protect it.

Use:

Once the probe is placed in the desired location, the thermometer will be reading the temperature at that location. There is no need to turn the gauge off. If the gauge displays either LLL or HHH it means that the temperature at the probe is either lower than can be measured or higher than can be measured, respectively. Under normal conditions, the unit will correct itself in 60 seconds, or when the temperature returns to within the measurement range.