

ATS Air Temperature Station for IC-10 and 900M

Overview

The ATS is an integrated air temperature sensor and solar radiation shield designed to be used with IC-10 and 900M Sensor Monitors for collecting air temperature data. An aluminum bracket is included for easy installation with the provided screws.

When used with the IC-10, the ATS can provide data for SMS frost alerting and chill hour calculations via the IRROcloud web application.

Installation

Used the included self-tapping screws to vertically mount the ATS near the IC-10 or 900M.

IC-10

Connect the two wire cable to the two IC-10 ports marked "A-TEMP". No additional configuration is necessary. If frost alerting is desired, enable frost alerts and assign an SMS number in the IRROcloud settings for the IC-10 which the ATS has been connected to.

900M

Connect the two wire cable to any of the available channels, AFTER any 200SS WATERMARK sensors. If placed before the 200SS sensors, the sensors will be incorrectly compensated by the air temperature. In the WaterGraph software, configure the appropriate channel for "Temp" sensor type.

Specifications

WEIGHT: 0.28 lbs (127 g)

DIMENSIONS: 8.95" x 3.2" x 2.8" (227mm x 81 mm x 71mm)

CABLE: 36" (91 cm)

RANGE: 14F (-10 C) to 160F (71C)

MATERIAL: Plastic shield, PVC jacketed tinned copper cable, aluminum bracket

THERMISTOR BETA: 3892

