

SUN SHIELD

Outside Air Sun Shield

The ACI Sun Shield is a reliable solution for protecting temperature and relative humidity sensors from error producing solar radiation and precipitation. The sun shield assembly can be added to any existing ACI Relative Humidity or Temperature Outside sensor. The sun shield assembly will fit probe sizes 3/16"(4.76mm), ¼"(6.35mm), ¾"(19.1mm) & 0.845"(21.5mm), 1 1/8"(28.6mm), and 1 ¼" (31.8mm). The highly reflective white wedge-shaped plates provide maximum airflow around the sensors while at the same time minimizing direct exposure to sunlight. The passive shield is shaped to allow natural air convection around the sensors so that the air temperature inside the shield is a good representation of the outside air. The Sun Shield also provides an added level of protection for the sensors from rain and snow. The Sun Shield is designed for two different mounting configurations; pole mounting(between 1" and 1.5" O.D. (U-Bolts included)) or surface mounting on the side of a building/wooden post (Hardware Not included).

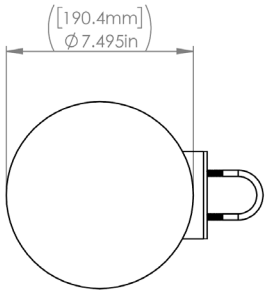
Applications Include: Outdoor Temperature and Relative Humidity Monitoring

The Sun Shield is covered by ACI's Five (5) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's web site, www.workaci.com.

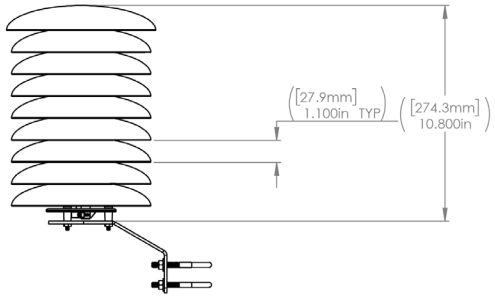
PRODUCT SPECIFICATIONS

Probe Sizes Accepted :	3/16"(4.76mm), ¼"(6.35mm), ¾"(19.1mm) & 0.845"(21.5mm), 1 1/8"(28.6mm), 1 1/4"(31.8mm)
Operating Temperature Range:	-58 to 185 °F (-50 to 85 °C)
Operating Humidity Range:	0 to 100% RH
Recommended Storage Temperature / RH Range:	32 to 95°F (0 to 35°C) / 40% to 85% RH, non-condensing
Enclosure Material:	ABS
Product Weight:	0.14 lbs. (0.065 kg)
Product Dimensions (L x W x H):	10.80" (274.3 mm) x 7.50" (190.50 mm)

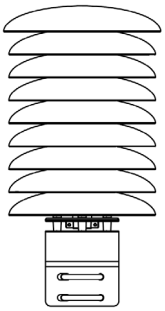
DIMENSIONAL DRAWING



Top View



Side View



Front View

STANDARD ORDERING

Model #	Item #	Description
Sun Shield	150463	Sun Shield, Standalone