

Radiation Shield

5980

The Model 5980 Radiation Shield is designed to greatly reduce errors in temperature and relative humidity due to direct solar radiation. A series of white aluminum concentric plates allow air flow to pass through the shield, but block the direct solar rays from affecting the sensors. Shielding minimizes the effects of solar and terrestrial radiation and provides accurate measurements.

Features

- Accommodates various temperature sensors
- Requires no power
- Easily mounted
- Reduces errors in temperature measurement

The Model 5980 Radiation Shield is normally used with Model 064A Temperature Sensors. It can also be used with the 083E-1-35 Humidity/Temperature probes. These sensors are supplied with a sensor cable through a strain relief. Sensors and cables are ordered separately.



The Model 5980 Naturally Aspirated Radiation Shield is used in remote areas, where power is not available.

Specifications

Sensors:	Model 064A, 083E-1-35
Transducer Sensing Zone:	1 in. (2.54 cm) maximum
Max. Transducer Diameter:	0.75 in. (1.9 cm)
Mounting:	U-bolt and mounting arm assembly adapts to a variety of pole diameters.
Plate Material:	Spun aluminum (6 each)
Finish:	Gloss white powder coat
Dimensions (less sensor):	7.0 in. (17.8 cm) diameter 3.5 in. (8.9 cm) high
Weight:	1.75 lbs (.79 kg)



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