

Radiation Shield

073B

The Model 073B Radiation Shield is designed to greatly reduce errors in temperature measurement due to direct solar radiation. The temperature sensor is shielded by concentric aluminum plates, which are turned down at the outer edges and painted white to reflect solar energy.

Features

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

Operation

The Model 073B Radiation Shield is normally used with 064 Temperature Sensors or 083D or 083V Temperature/Relative Humidity Sensors. These sensors are supplied with a quick disconnect connector. Mating cables are supplied with several types of termination. Refer to cable drawings in the sensor manuals for particular wiring.



The Model 073B Naturally Aspirated Radiation Shield is used in remote areas, where power is not available.

Specifications

Sensors:	Model 064A, 083D, 083V
Transducer Sensing Zone:	1 in (25.4 mm) maximum
Maximum Transducer Diameter:	3/4 in (19 mm)
Mounting:	1 in (25.4 mm) tubing or 3/4 in IPS pipe
Plate Material:	Spun Aluminum
Finish:	White epoxy paint
Weight:	2.6 lbs (1.8 kg)
Dimensions (less sensor):	14.25 in (36.2 cm) d x 6 in (15.24 cm) h



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