



Model 2100-111 Self Aspirated Radiation Shield



The Model 2100-111 self aspirated radiation shield (SARS) provides solar protection and mount for the 2100-110 temperature and humidity probe. The SARS minimizes solar induced temperature measurement errors. The multiple plates of the SARS have a unique profile which blocks direct and reflected solar radiation, yet permits easy passage of air. Enlarged top plate and steep edge profile minimize moisture accumulation from precipitation and dew. The plate material is specially formulated for high reflectivity, low thermal conductivity, and maximum weather resistance. The rugged U-bolt mounting clamp attaches easily to any vertical pipe up to 2 inches diameter.

Ordering Information:

- **Model No: 2100-111**

Model 2100-111 Advantages

- **Protects temp/Rh probes from error-producing solar radiation and precipitation.**
- **Small size**
- **Light weight**
- **Requires no power**

SPECIFICATIONS

Sensor Types:	25 mm diameter temp/Rh probes
Radiation Error:@ 1080 W/m2 intensity	0.4° C (0.7°F) RMS @ 3 m/s 0.7° C (1.3°F) RMS @ 2 m/s 1.5° C (2.7°F) RMS @ 1 m/s
Construction	UV stabilized white thermo-plastic plates White powder coated Aluminum mounting bracket Stainless steel U-bolt clamp
Dimensions	13 cm (5.1 in) diameter 26 cm (10.2 in) high
Mounting	Fits vertical pipe 25-50 mm (1-2 in) diameter
Weight	
Net weight	0.7 kg (1.5 lb)
Shipping weight	1.4 kg (3 lb)

Specifications are subject to change without notice.



Optical Scientific Inc. (OSi)
2 Metropolitan Court Suite 6
Gaithersburg, MD 20877 USA
Ph. 301-963-3630
Fax 301-948-4674
website: www.opticalscientific.com
email: sales@opticalscientific.com



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