

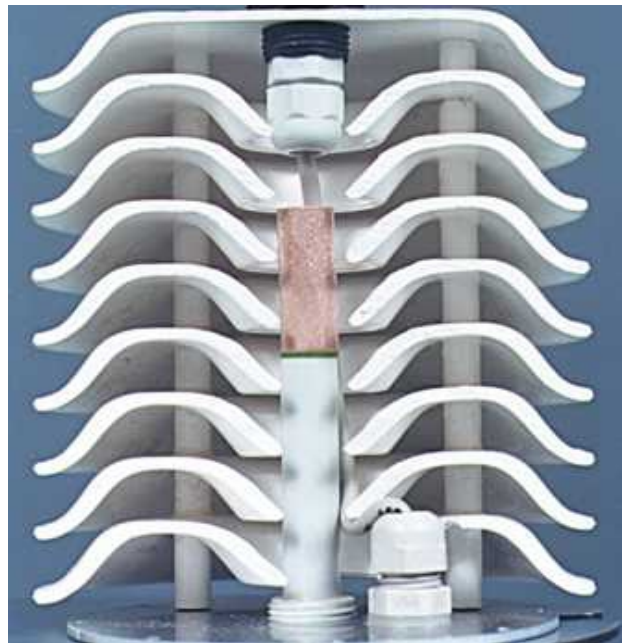
Manufacturer Certificate

We certificate with this document, that our product

Radiation Shield (Art. RAS 01)

fulfills all of the following technical specifications. Additionally the product fulfills all standards which are applicable within the EC area. (CE Conformity).

The Pessl Instruments Multi-Plate Naturally Ventilated Radiation Shield RAS01 protects temperature and relative humidity sensors from error-producing solar radiation and precipitation. Compact dimensions and light weight make this shield useful for many applications. The multiple discs have a unique profile that blocks direct and reflected solar radiation, yet permits easy passage of air. The durable disc material is specially designed and formulated for high reflectivity, low thermal conductivity, and maximum weather resistance for many years of operation. The rugged U-bolt mounting clamp attaches easily to any vertical pipe up to 2 inches diameter.



PARAMETER	
Material:	UV stabilized thermoplastic plates
Mounting brackets:	Stainless steel U-bolt clamp
Dimensions:	115 mm diameter x 125 mm high (6 or 9 Lamellae's)
Radiation error:	At 1080 W/sqm 2 intensity-dependent on wind speed 0.3 °C (0.6 °F) RMS @3 m/s (6.7 mph) 0.6 °C (1.2 °F) RMS @2 m/s (4.5 mph) 1.4 °C (2.6 °F) RMS @1 m/s (2.2 mph)
Size of RH or Temperature Sensor:	Accommodates temperature and humidity sensors up to 26 mm (1 inch) diameter or on request
Net weight:	0.7 kg (1.5 lb)
	Special wishes on request