COMETEO Professional Universal Multi-plate Radiation Shield for Weather Sensors



code: F8110

Naturally ventilated multi-plate hygrometer barometer thermometer screen for weather sensors. Radiation shield is designed for the protection of any weather sensor with a diameter of 13 to 18 mm. Multi-plate radiation shield is used to protect weather sensors and provides more accurate measurement results. The shield minimizes radiation reaching the sensor, minimizes radiation absorbed by the shield and maximizes ambient air flow around the sensor. The enlarged top plate „cap“ is 210mm in diameter and designed to provide shade for high solar angles for lower plates.

"Not only radiation shield, but the complete COMETEO system minimizing negative effects"

Works with COMET instruments - see OPTIONAL ACCESSORIES

Fits up to most of probes, e.g. Vaisala, Rotronic

Unique optimized design for best performance:

- advanced weather protection by maximised top cover area
- passively ventilated, requires no power
- 13 to 18 mm probe diameter

Optimized shield design minimizes radiation reaching the sensor, minimizes radiation absorbed by the shield and maximizes ambient air flow around the sensor.

Technical data

GENERAL TECHNICAL DATA	
Diameter of the installed probe	13 to 18 mm
Temperature operating range	-30 to +80 °C
Relative humidity operating range	0 to 100 %RH
Storage temperature range	-30 to +80 °C
Storage relative humidity range	0 to 100 %RH (no condensation)
Dimension	220 mm (diameter), 250 mm (height)
Weight	approx. 900 g
Material	ASA - UV stabilized, antistatic
Warranty	3 years