MeteoShield[®] - Professional

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- AGRICULTURE
- AIRPORTS
- BUOY & MARINE
- COASTAL

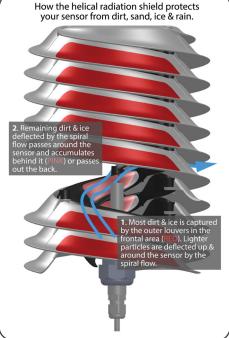
- HYDROLOGY
- INDUSTRIAL & PLC
- INTRINSICALLY SAFE
- IOT

- METEOROLOGY
- OCEANOGRAPHY
- ROAD MANAGEMENT
- POLAR AND WINTER
- SHIPS
- SKI LIFT & SNOW MAKING
- SMART CITIES
- WEATHER STATIONS



MeteoShield[®] - Professional

Naturally aspired helical solar shield/screen. Doublehelix shape eliminates temperature errors from solar radiation more effectively than conventional multiplate shields while offering unsurpassed protection from the sun, dirt, rain, snow, sand & dust. Doublehelix increases clean air flow and rejects dirt particles away from the sensor, while keeping sensors cleaner than traditional multi-plate and fan aspirated shields.



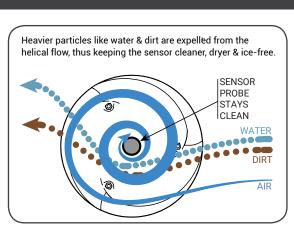
Especially well suited for harsh & extreme climates.

- WMO compliant temperature, humidity and dew point
- Fast response due to high ventilation rate even without a fan
- Protection from water spray and sensor dirt buildup
- Highly accurate temperature & humidity measurement
- Exceptional water shedding and return to accuracy after rain
- Superb performance in high-reflectivity environments: snow, desert, city, marine...

Higher reliability with better temperature accuracy than fan-aspirated shields in tough environments

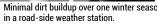
Helical MeteoShield

Competitor Multi-Plate Radiation Shield



Keeps your sensors clean





Significant dirt buildup common to all multiplate solar radiation shields over the same

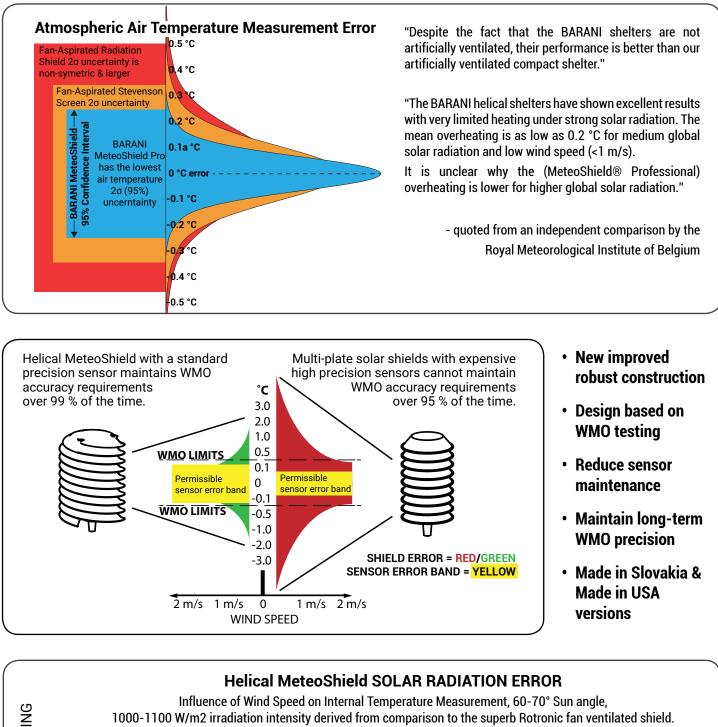
time period.

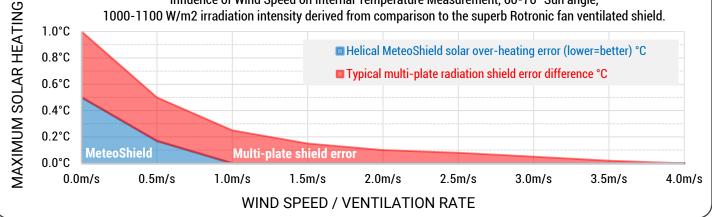
Unbeatable combination of reliability and accuracy for critical applications where absolute temperature accuracy is important

UPGRADE TO HELICAL RADIATION SHIELDS

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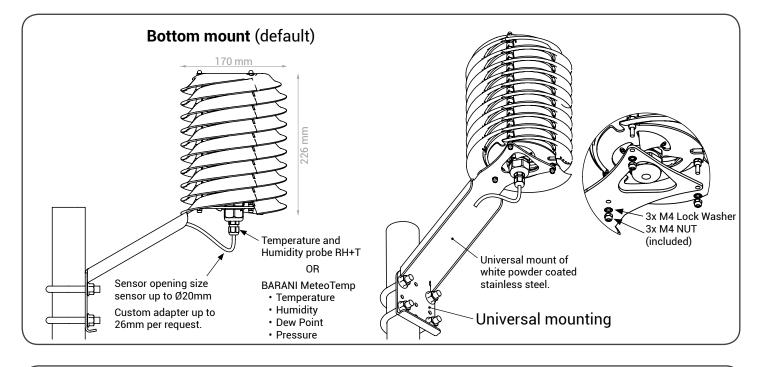


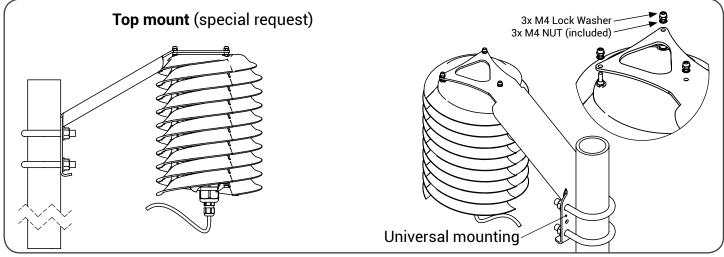


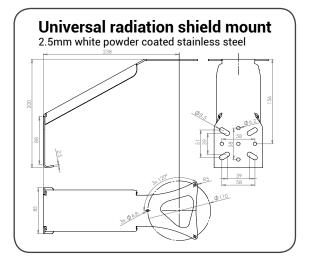
MeteoShield offers practically zero temperature error in >1 m/s wind conditions, which occur over 99% of the time. blue)

HME

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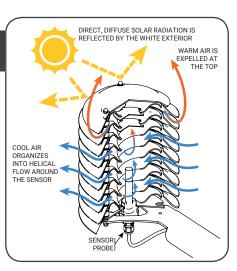


HME

Double-Helix Ventilation

Helical radiation shield shape ventilates better than multiplate radiation shields while maintaining better temperature sensor protection from dirt, sand, dust, rain, snow and ice, thus extending sensor life and longterm measurement stability.

It performs better than many fanventilated radiation shields in high reflectivity environments.



Reach your Gold Standard of measurement with BARANI sensors. ISO:9001 quality.

PATENTED / REGISTERED: EUIPO 002979179-0001...0006 + more IP protection worldwide

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