MeteoShield - Standard

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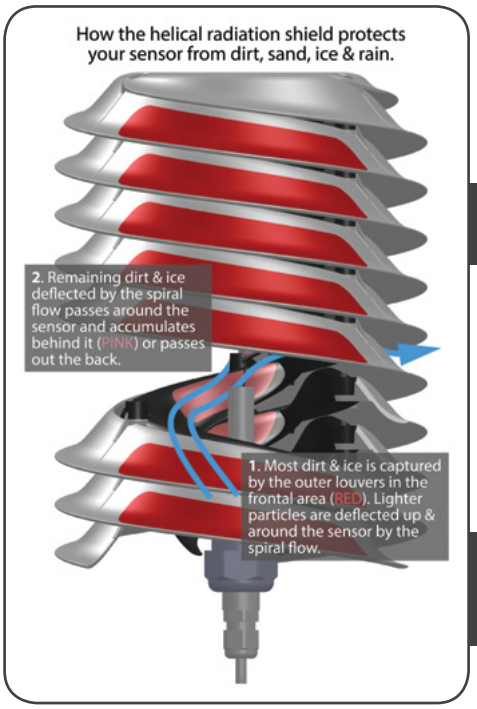
Temperature & Humidity



MeteoShield - Standard

Naturally aspired helical solar shield/screen. **Helical shape reduces temperature errors** to acceptable levels better than conventional multi-plate shields while offering unsurpassed **protection from the sun, dirt, rain, snow, sand & dust**. Helical shape increases clean air flow and rejects dirt particles away from the sensor, thus increasing maintenance intervals. For double-helix protection, precision & robustness upgrade to **MeteoShield - Professional.**

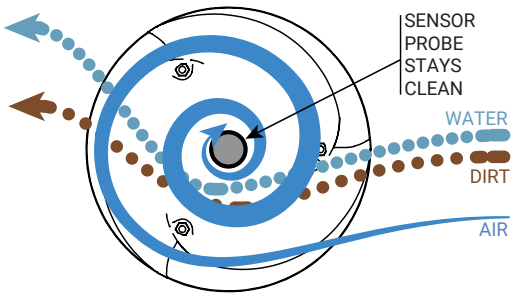
Maximum sensor protection at a reduced cost

- Highest sensor protection available while providing accurate measurement
- Fast response due to high ventilation rate without sacrificing sensor protection
- Ultimate protection from water spray, ice, sand and sensor dirt buildup
- Offers the most affordable accurate temperature & humidity measurement
- Exceptional water shedding and return to accuracy after rain
- Measurement stability in high-reflectivity environments: snow, desert, city, water...

Higher reliability with better long term temperature stability than traditional multi-plate radiation shields

Keeps your sensors cleaner

Heavier particles like water & dirt are expelled from the helical flow, thus keeping the sensor cleaner, dryer & ice-free.



Helical MeteoShield

Minimal dirt buildup over one winter season in a road-side weather station.

Competitor Multi-Plate Radiation Shield

Significant dirt buildup common to all multi-plate solar radiation shields over the same time period.

Ultimate combination of sensor protection and accuracy for cost-sensitive applications. An unbeatable value.

UPGRADE TO HELICAL RADIATION SHIELDS

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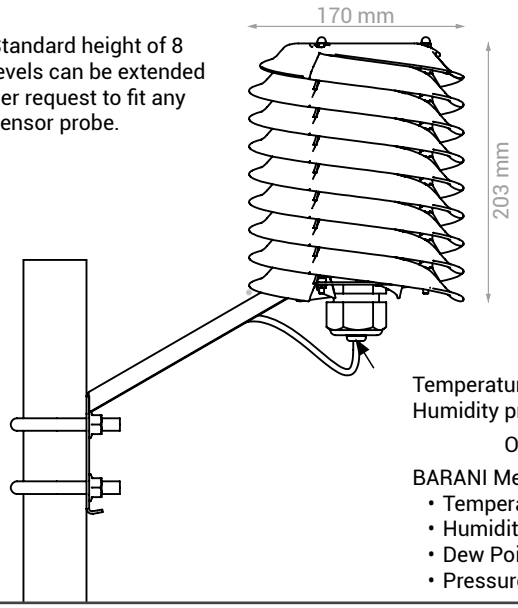
Bottom mount

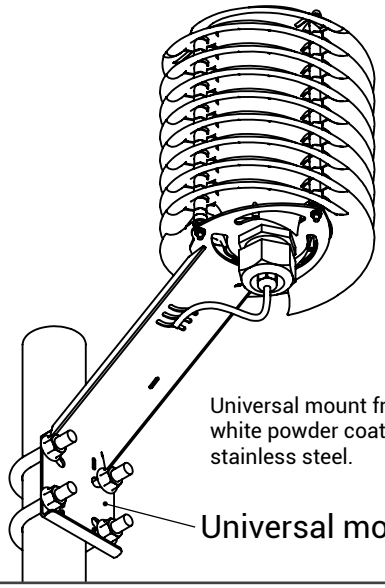
Standard height of 8 levels can be extended per request to fit any sensor probe.



Temperature and Humidity probe RH+T

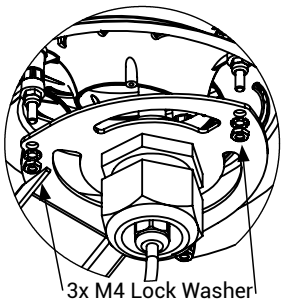
OR

BARANI MeteoTemp
- Temperature
- Humidity
- Dew Point
- Pressure

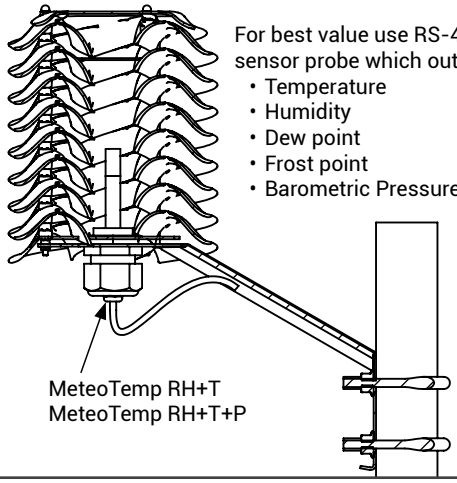


Universal mount from white powder coated stainless steel.

Universal mounting

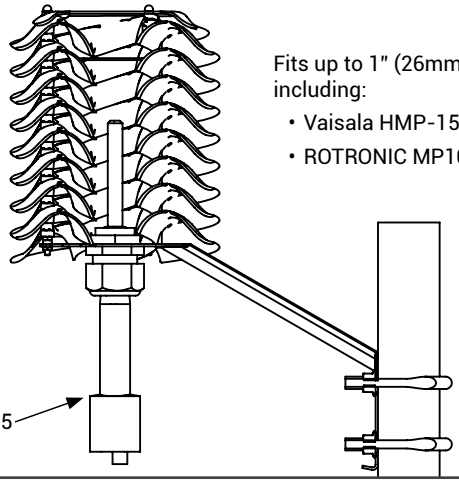


3x M4 Lock Washer
3x M4 NUT
(included)



For best value use RS-485 MeteoTemp sensor probe which outputs:
- Temperature
- Humidity
- Dew point
- Frost point
- Barometric Pressure (optional)

MeteoTemp RH+T
MeteoTemp RH+T+P

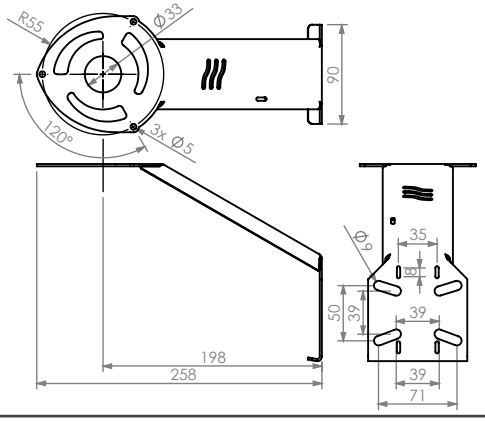


Fits up to 1" (26mm) RH+T probes including:
- Vaisala HMP-155
- ROTRONIC MP100, MP400, HC2

Vaisala HMP-155

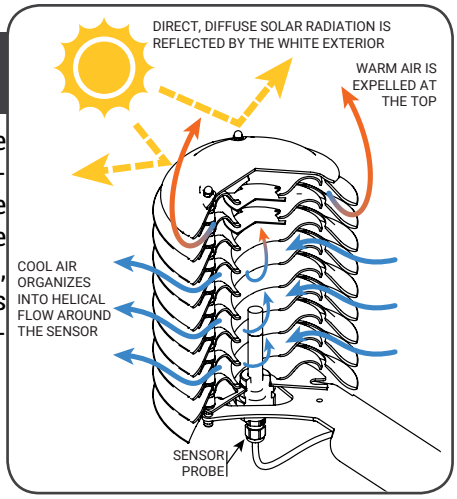
Universal radiation shield mount

2mm white powder coated stainless steel



Helical Protection

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



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

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