



Features

- Protection from rain and radiated heat
- 6 plates
- To be assembled on wall or on pipe/mast
- Suitable on pipe/mast diameters from 20 mm to 40 mm
- Suitable for different sensor probe diameters
 - from 21 mm to 23 mm
 - from 10 mm to 12 mm
 - from 13 mm to 18 mm.
- Simple mounting

Description

The Weather Sensor Shield RSS 100 protects outside air humidity/temperature transmitters from rain and radiated heat.

With the curved shape and color of the plates, air flow is able to move across the sensor to keep radiated temperatures from rooftops and surrounding surfaces from affecting humidity readings.

For ease of installation, the RSS 100 has integral pipe mounting hardware which can be removed for surface mounting applications.

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The pipe mounting bracket fits iron pipe/mast with diameters 20 mm to 40 mm.

One extra plastic probe retainer supplied inside the product carton, this plastic probe retainer is a two-sided plastic probe retainer, the plastic probe retainers can be used for different sensor probe diameters (see next page).



Weather Sensor Shield RSS 100 assembled together with VCP outdoor humidity/temperature transmitter HOTT 010.

Ordering

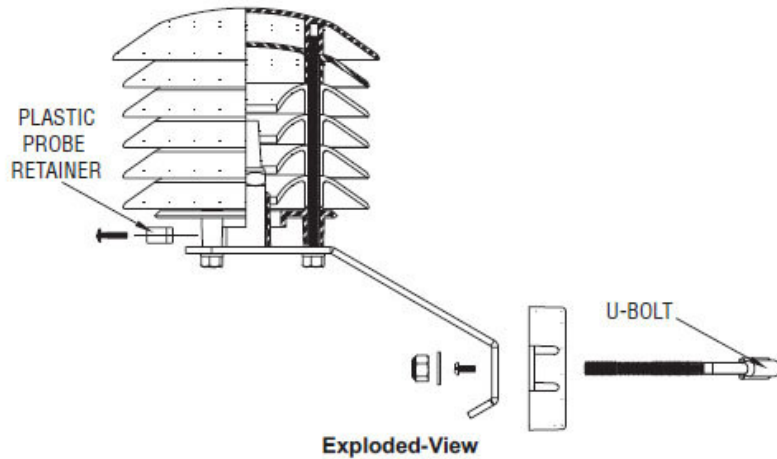
Type	Description
RSS 100	Weather Sensor Shield

Installation

Step 1:
Loosen plastic probe retainer on weather sensor shield RSS 100 by unscrewing two retainer screws.

Step 2:
Slide humidity/temperature transmitter probe completely into the RSS 100.

Step 3:
Screw plastic probe retainer to the RSS 100 until the probe is firmly held in place. Do not over tighten the screws.



For Pipe/Mast Mounting

Step 4:
Remove the u-bolt from the mounting bracket.

Step 5:
Secure the RSS 100 on a iron pipe/mast with diameter 20 mm to 40 mm

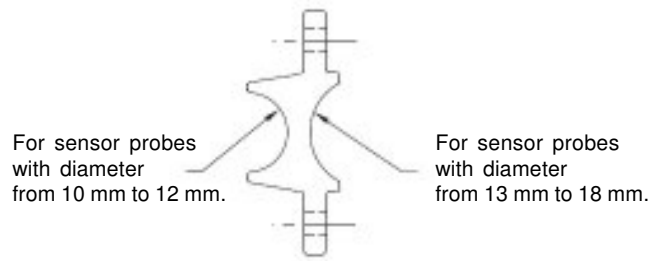
For Surface Mounting

Step 4:
Remove the u-bolt and the screw holding the pipe retaining bracket.

Step 5:
Mark the outer two holes of the mounting bracket on the surface.

Step 6:
Drill the two holes marked in the previous step into the surface.

Step 7:
Attach the RSS 100 to the surface.

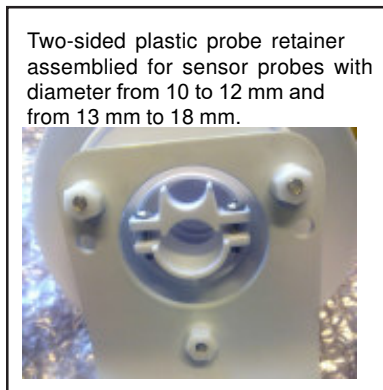
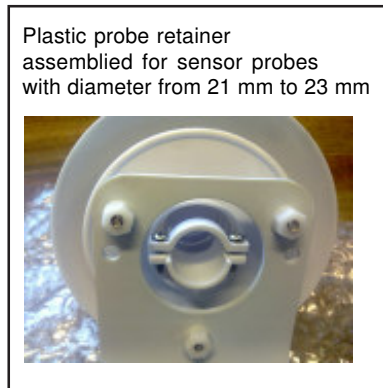


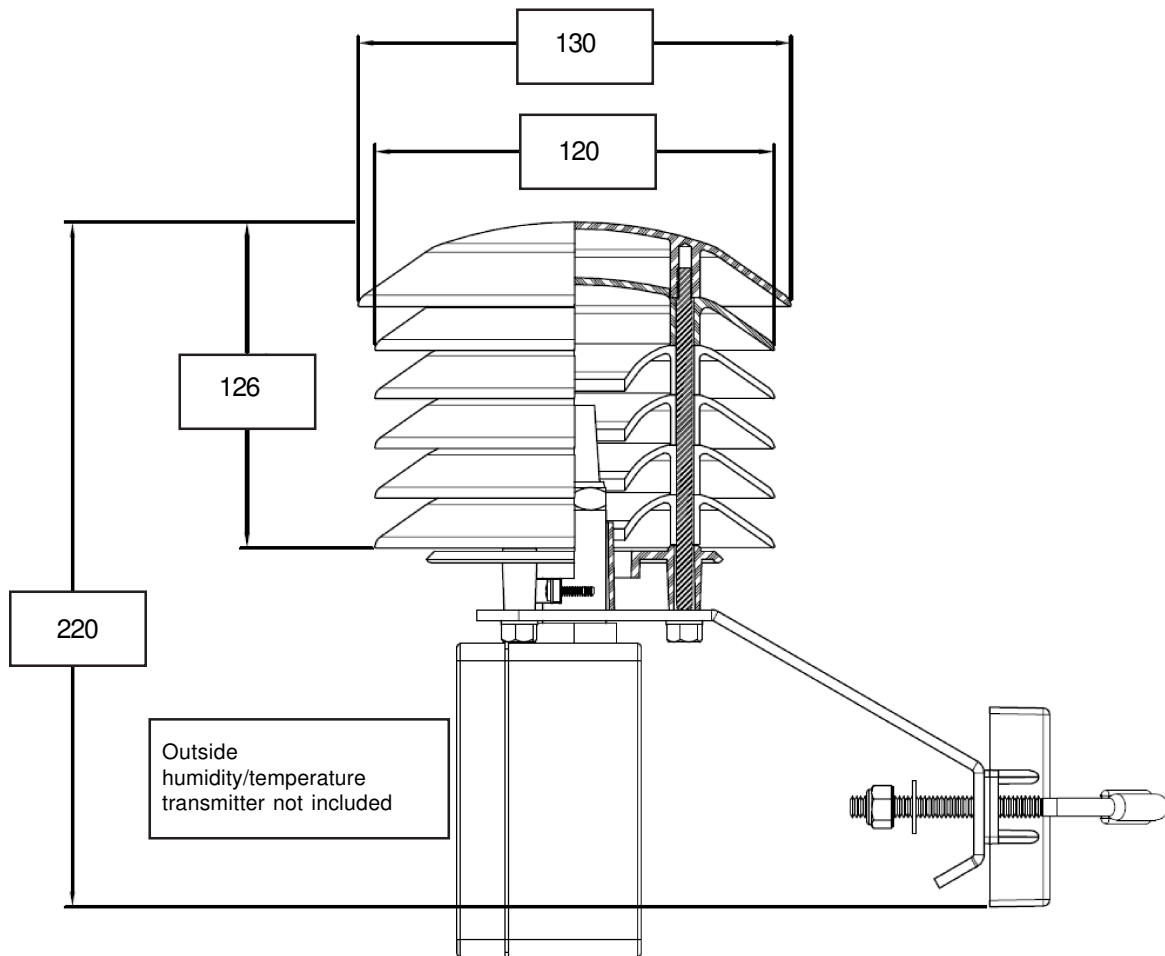
Plastic probe retainers

The Weather Sensor Shield RSS 100 is supplied and assembled with plastic probe retainer suitable for probes sensors with diameter around 21 to 23 mm.

For other sensor probe dimensions, remove the plastic probe retainer and substitute with the two-sided plastic probe retainer that is packed inside the product carton.

This two-sided plastic probe retainer can be used for sensor probe diameters from 10 to 12 mm and 13 to 18 mm sensor probe diameters depending on which side of the retainer is being used.



Dimensions in mm

We reserve the right to make changes in our products without any notice which may effect the accuracy of the information contained in this leaflet.