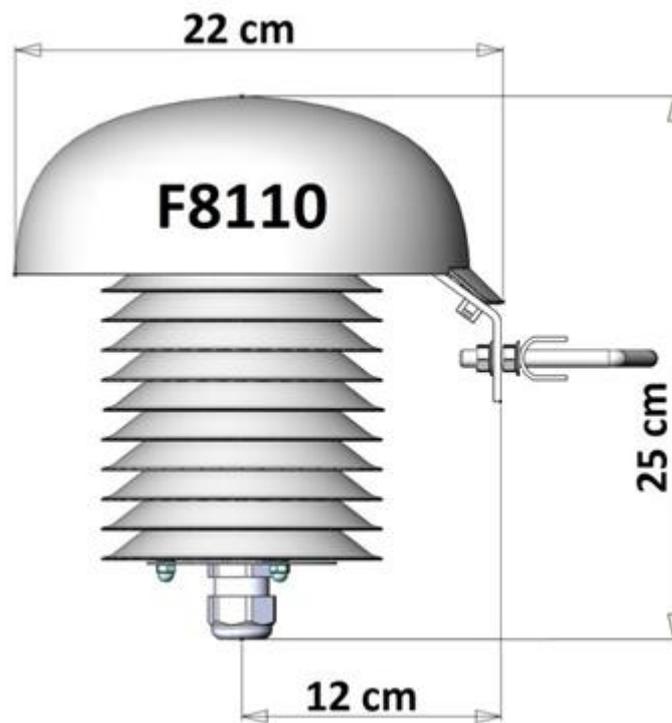


PRODUCT DESCRIPTION

The COMETEO radiation shield F8110 is designed for the protection of any temperature and humidity sensor with a diameter of 13 to 18 mm from thermal radiation and climatic influences.

DIMENSIONS



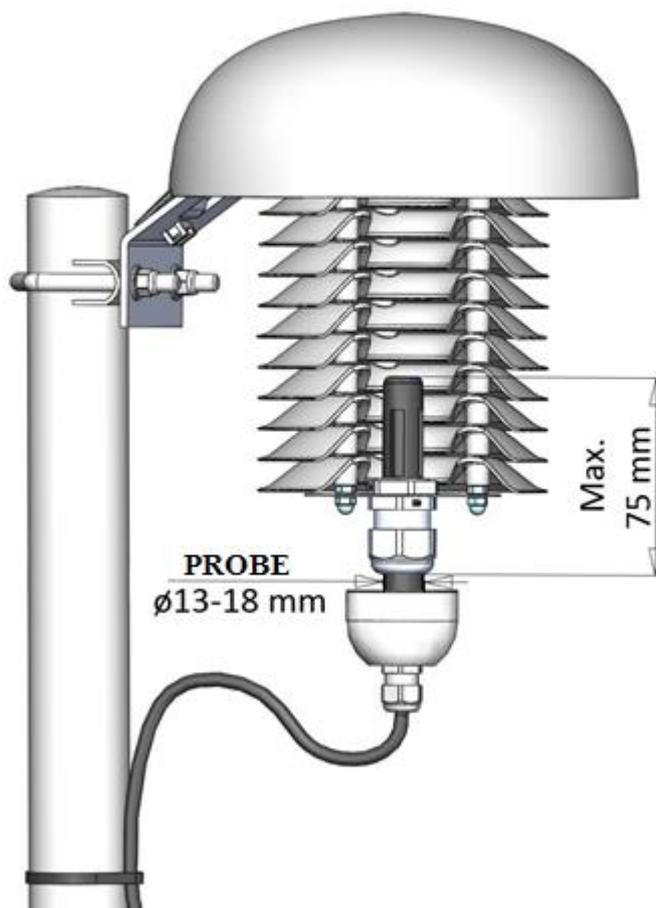
RADIATION SHIELD MOUNTING

The radiation shield is placed on a mast with a diameter from 20 mm to 45 mm (i.e. satellite holder). The radiation shield is advisable to place at least 50 cm from the nearest wall of the building and at least 1.8 meters above the ground. For professional measurements, it is recommended to place the shield in grassy areas, which in a radius of 10 m has no obstacles (lawn should be continuously maintained).

MEASURING PROBE INSTALLATION

The retaining clamp is fixed at the bottom of the shield (see picture) and allows you to install the probe with diameter from 13 mm to 18 mm. The probe should be placed as low as possible to minimize the heating of the temperature and humidity sensors from the top part of the cover exposed to sunlight. The recommended distance of the sensors from the bottom of the retaining clamp is 75 mm.

We recommend you at first to fasten the U-bolt bracket to the mast, then consolidate the radiation shield using the attached two nuts M8 and finally install the probe. The cable fasten using the cable tie in position as shown.



TECHNICAL SPECIFICATION

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)
Weight:	approximately 900 g
Material:	ASA - UV stabilized, antistatic
The principle of the opening / closing:	rotation of about 60°

CONTENT OF THE PACKAGE:

• the F8110 shield	1 pc
• the U-bolt bracket	1 pc
• the screw M4x8	4 pcs
• the cable tie	3 pcs
• the nut M8	2 pcs

END OF OPERATION

The radiation shield dispose according to current legislation for dealing with electronic equipment.

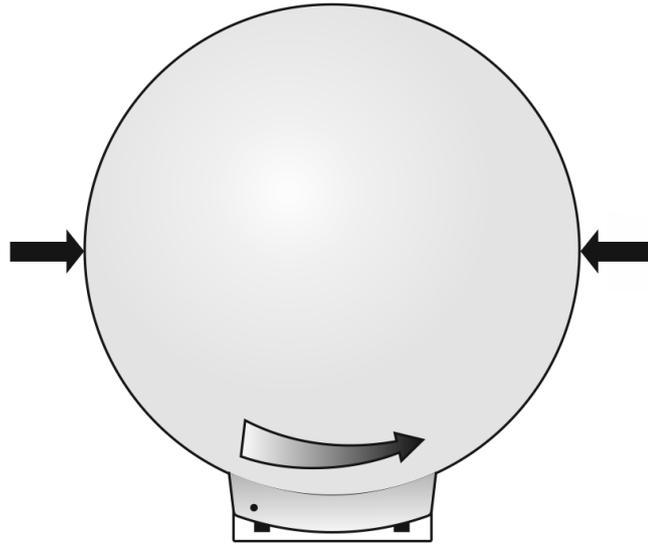
TECHNICAL SUPPORT AND SERVICE

Technical support and service is provided by distributor. For contact see warranty certificate. If needed, you can also use the discussion forum at <http://www.forum.cometsystem.com/>.

NOTICE

To save the processing equipment it is possible to use the free space under the top cover. The cover loosens by pressing it in the direction of the arrows and rotating it 60 degrees counterclockwise (see picture).

The processing equipment has not to be a source of heat (to avoid unwanted heating of the measurement sensor).



WARNING

Installation, commissioning and maintenance may only be carried out by personnel with qualification by applicable regulations and standards.

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