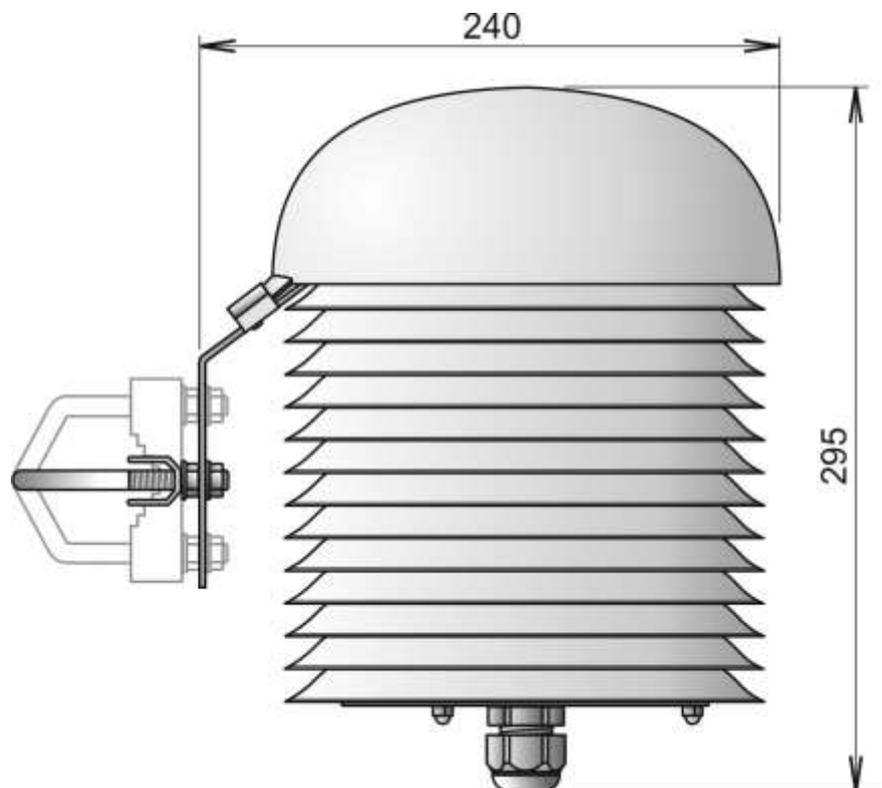


PRODUCT DESCRIPTION

The COMETEO radiation shield F8810 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



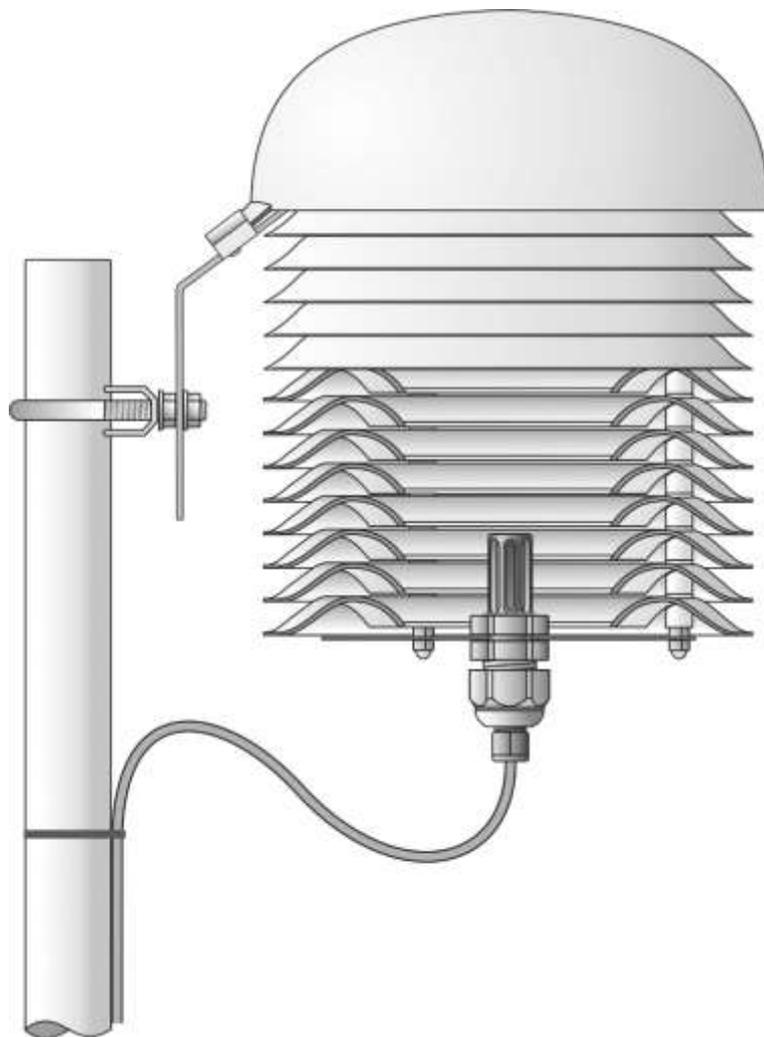
RADIATION SHIELD MOUNTING

Place the radiation shield to a mast with diameter from 20 mm to 45 mm (i.e. satellite holder). It is recommended to place the radiation shield at least 50 cm from the nearest wall of the building and at least 1.8 meters above the ground. For professional measurements the grassy places are recommended, with no obstacles within a radius of 10 m (lawn should be continuously maintained).

MEASURING PROBE INSTALLATION

The cable gland located at the bottom of the radiation shield is designed for mounting of the probe with diameter from 13 mm to 18 mm. Insert the probe into the cable gland (see figure) and tighten the nut to secure the probe. Fasten the cable using the cable tie as shown.

It is recommended at first to fasten the U-bolt clamp to the mast and after that fix the radiation shield using the attached two M8 nuts and finally install the probe.



TECHNICAL SPECIFICATION

Diameter of the installed probe:	13 to 18 mm
Temperature operating range:	-40 to +80 °C
Relative humidity operating range:	0 to 100 %RH
Storage temperature range:	-40 to +80 °C
Storage relative humidity range:	0 to 100 %RH (no condensation)
Weight:	approximately 1.4 kg
Material:	ASA - UV stabilized, antistatic

CONTENT OF THE PACKAGE:

• the F8810 shield	1 pc
• the U-bolt clamp	1 pc
• the screw M4 x 8	4 pcs
• the screw M3 x 10	2 pcs
• the cable tie	6 pcs
• the nut M8	2 pcs

END OF OPERATION

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

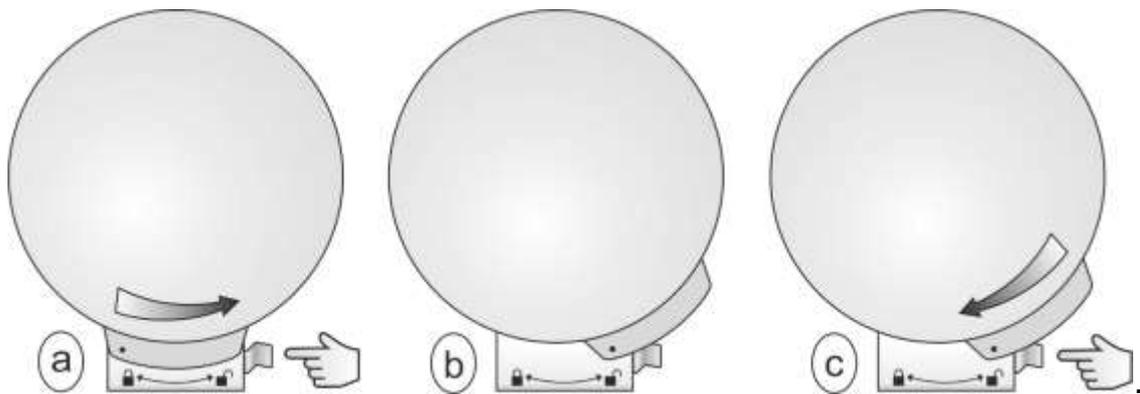
TECHNICAL SUPPORT AND SERVICE

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

The space under the top cover can be used to place any device. Press the locking plate (see **fig. a**), then turn the cover of the shield counterclockwise to the position shown in **fig. b** and slide the cover upwards. After completing the installation of the device, put the top cover in the position according to **fig. c** and turn it clockwise to end the installation.

The installed equipment must not be a source of heat (this could lead to unwanted heating of the sensors).



WARNING

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

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