



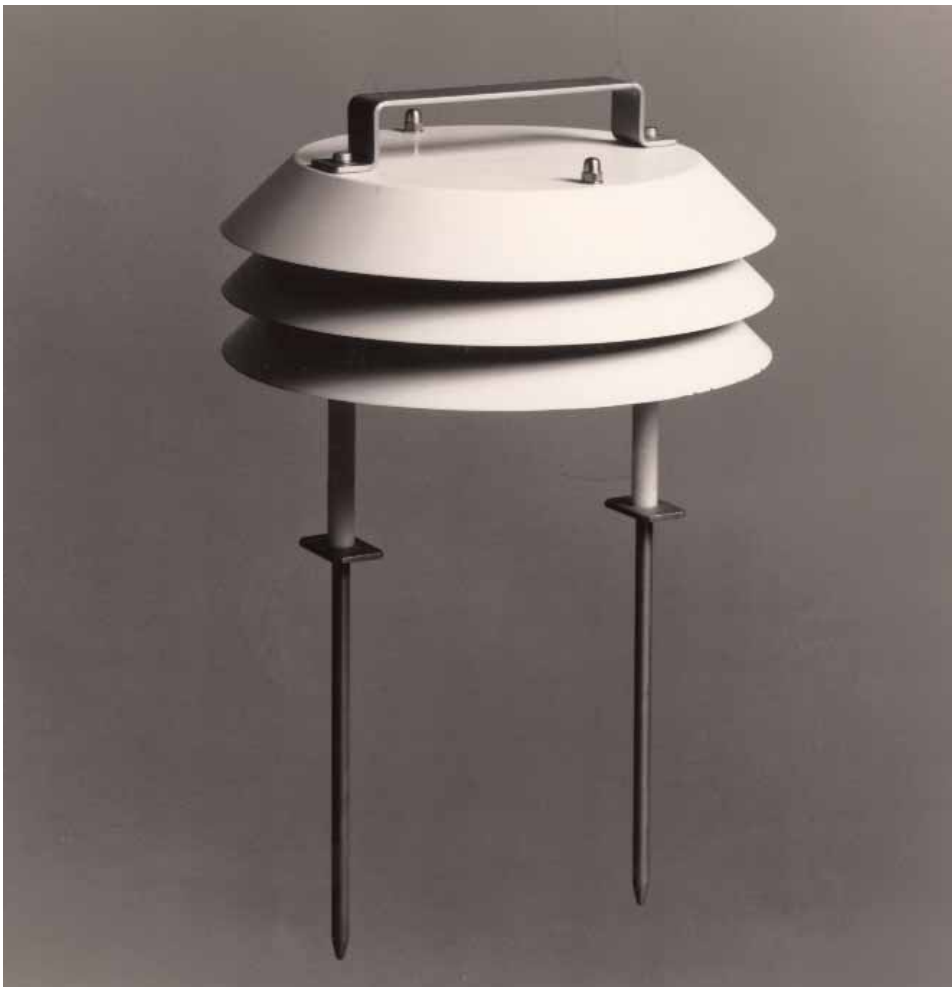
## RADIATION SHIELD FOR EARTH'S SURFACE TEMPERATURE MODEL MA 21

A radiation shield, or thermometer shelter, is necessary to ensure accurate measurements of outside temperatures. The shade provided by the thermometer shelter protects the sensor from heating by direct insolation.

The radiation shield is made of discs. The special design of the fins permits a natural flow of air through the thermometer shelter, even at very low wind speeds. This prevents the air in the radiation shield from warming up.

The pegs of the shelter can easily be pushed into the ground. The sensor in the shelter will then be situated at exactly 10 cm. above the ground. The temperature at this level is called the earth's-surface temperature.

Meteorological advice regarding locations for the thermometer shelter can be obtained from Mierij Meteo.





## **TECHNICAL SPECIFICATIONS: MODEL MA 21**

### **PHYSICAL**

Dimensions:	Ø 250 mm, height 90 mm.
Weight:	1.5 kg.
Material:	Reinforced synthetic material/ Stainless steel
Colour:	Inside dull black, outside white.

### **INSTALLATION**

Installation:	Pegs pushed into the ground
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### **OTHER**

Warranty:	2 year.
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