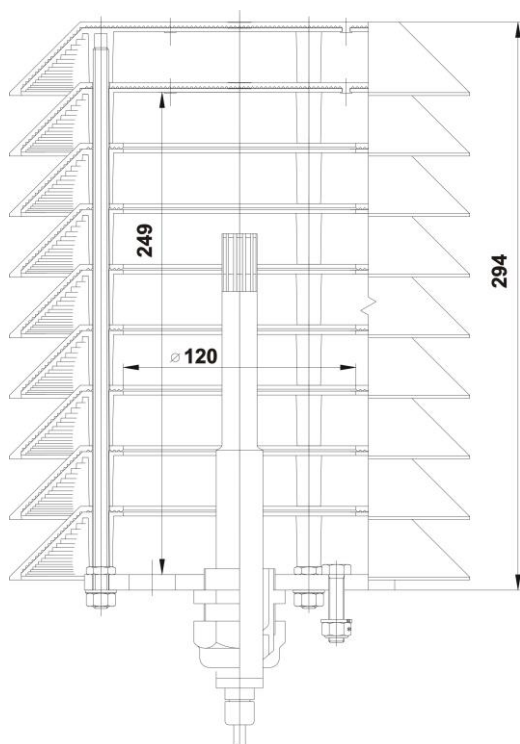


The MetCover 3B Shield



Radiation shield protects temperature or relative air humidity sensing units against solar radiation and rain. In the basic version the shield is composed of nine gradually overlapping circular segments (plates), which create louvers around the sensing unit. This enables free flow of air between the segments and thus also around the sensing unit. The body of the segments and of the base is made from plastic, connecting material is made from stainless material or aluminium alloys. The each of the segments is assembled from two parts, outer part is made from white plastic and inside part from black plastic. To ensure better screening of luminous or thermal energy, the surface of inside part is not smooth, but it is denticulated as well. The shield design enables - with help of a bolt - its quick installation on the mast arm, and - with help of the cable bushing - easy mounting of the sensing unit inside the shield.

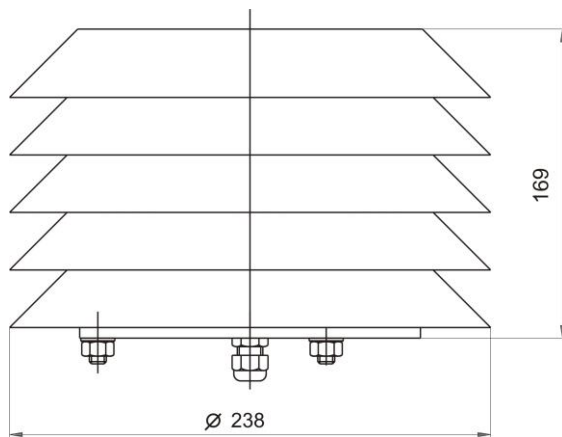


Technical data of the basic version	
Outer height without bushing	294 mm
Outer diameter	238 mm
Inner height	249 mm
Inner diameter	120 mm
Weight	2470 g
Fastening bolt	M8

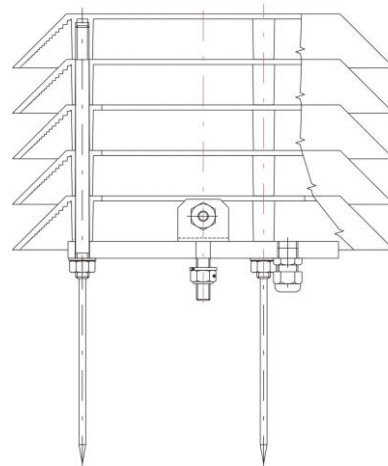
Optionally the shield can be delivered with greater inner height.

Modification:

The smaller version of the MetCover 3 B shield – basic dimensions



Met Cover 3 B - Ground Shield – designated for shielding of sensors near ground . Needles in bottom part serves for fixation of shield in terrain



Optional accessories - arm for fixation of the shield

