

## OVERVIEW

The Multi-Plate Radiation Shield protects temperature, relative humidity or barometric pressure sensors from error-producing solar radiation and precipitation. This shield relies on a combination of plate geometry, material and natural ventilation to provide effective shielding. The radiation shield reflect sunlight from any direction, prevent sun direct radiation and reflection on the ground to the sensor radiation, to protect the instrument from the effects of strong winds, rain, snow, etc. Freely through the air, making instrument work in ventilated environment, to ensure the accuracy of measured data. Products with high reflectivity and low thermal conductivity, resistance to ultraviolet ray function, can be used in extreme weather conditions.



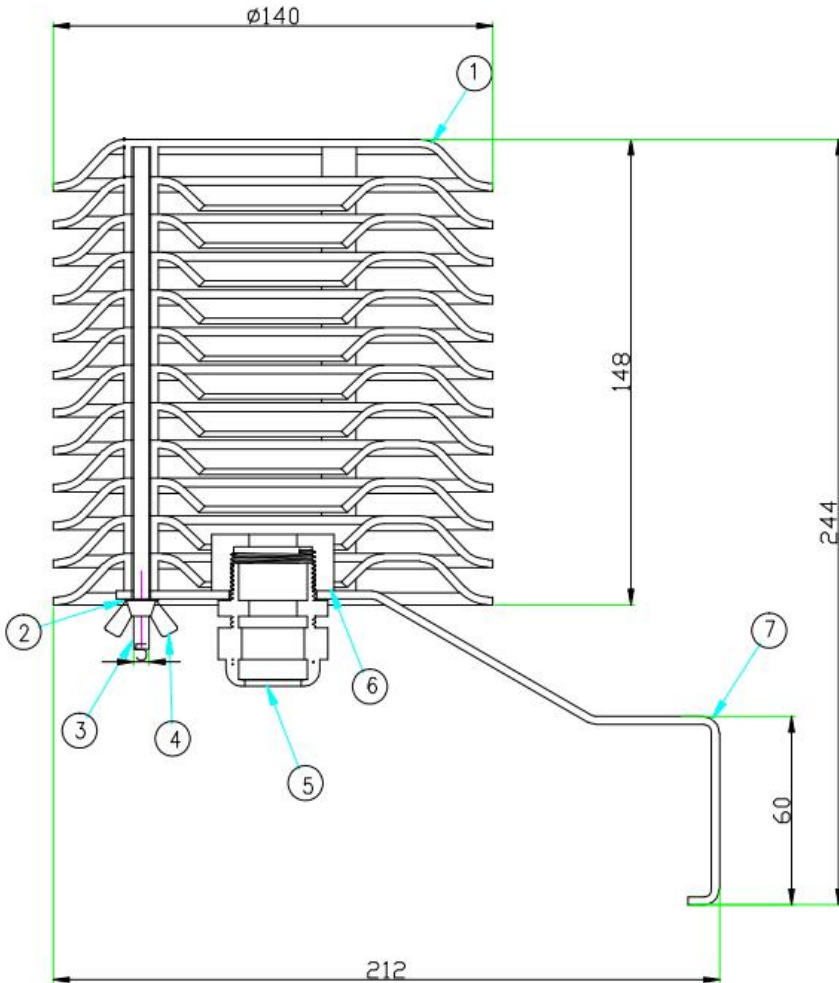
## BENEFITS AND FEATURES

- Good air circulation around shield
- Away from large masses (asphalt, masts, solar panels) especially metal items
- Away from exhaust vents, electrical machinery and motors
- Away from standing water, water fountains and sprinklers

## TECHNICAL DESCRIPTION

Item	Specifications
Number of plates	4 -20 plates optional, type.:12,14,19
Color	Yellowish
Material	Anti-radiation ABS engineering plastics & Stainless steel screw
Operating temperature	-40°C -+75°C
Dimension	Inner diameter:44mm, Outer diameter:140mm Height:148mm(12 plates)
Optional accessories	Metal bracket(304SS), Embrace hoop screw(304SS)

DIMENSION



- ① ABS shutters
- ② M5 stainless steel gasket
- ③ M5 stainless steel studs
- ④ M5 stainless steel butterfly nut
- ⑤ Standard PG21 connector
- ⑥ Nylon lock mother
- ⑦ Aluminium alloy post

