



APPLICATIONS

- Sensor protection.

KEY FEATURES

- Special engineering plastics against radiation and stainless steel screw materials.
- Installation tips:
 - 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.

SPR95-02 Solar Radiation Shield for sensor protection



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.

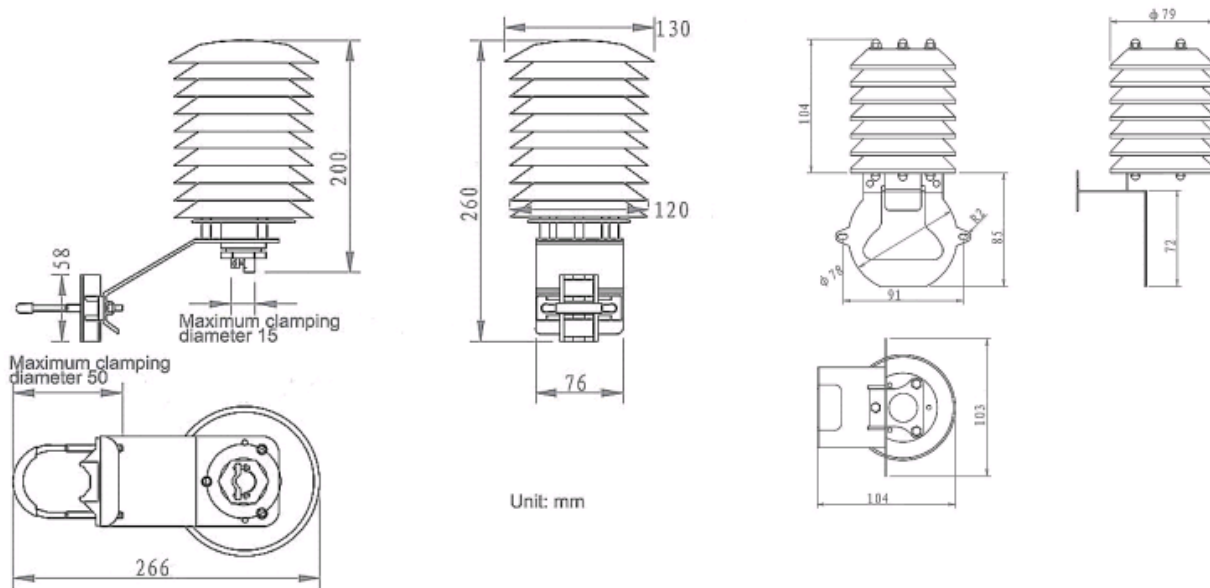
Freely through the air, making instrument work in ventilated environment, to ensure the accuracy of measured data.

Products with high reflectivity and low thermal conductivity, resistance to ultraviolet ray function, can be used in extreme weather conditions.



Mechanical construction

	A	B
Number of plates	10	7
Color	Pure white	
Inner diameter	30	22
Outer diameter	130	79
Internal height	135	80
Material	Engineering plastics against radiation & stainless steel screw	
Installation accessories	Stainless steel bracket	
Operating temperature	-40 to +75°C	



Plug and play Installation



The design of this Station allows his installation under the concept 'to plug and play'. He places of simple form on posts, walls or poles, and his entail with the web of visualization is immediate and automatic.



Without complicated infrastructures

With the different models of station it will be able to create networks of sensors adapted to the needs of his sector, without need of complicated infrastructures not costly.

Better relation Cost - benefit



The new concept of station of sensors allows to have the best technology to monitor and to control his resources to a cost very lower than other existing alternatives on the market.



Visualization in web page

The control of the sensors is realized by means of a web application personalized with multiple functionalities as alarms, historical, multiple users, etc.. Accessible from any device connected to Internet.

Sensors Networks



The number of Stations to linking to his network is unlimited, being able to incorporate different models and configurations to form extensive networks that connect the information of his resources to Internet, to give response to the Smart cities of the future



Multiple sensors

There are multiple the precision sensors that can join. The model of Station selects depending on the type and I number of sensors that he needs.