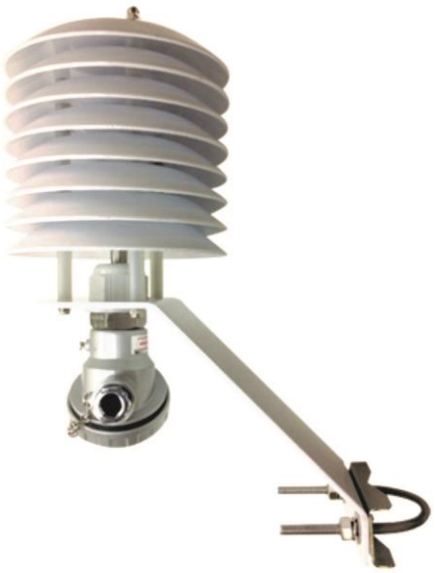
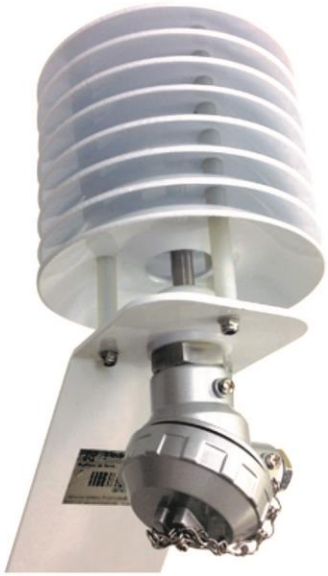
METEREOLOGICAL SHELTER CATALOG





SUMMARY

INTRODUCTION

The Electron AME Model Multiple Plate Weather Shelter protects sensors from relative humidity, temperature, from solar radiation and rain. The Meteorological Shelter was developed to serve the meteorology market with quality and affordable cost, this protector offers its own profile to facilitate non-turbulent air circulation, improving the response of the sensors in terms of representativeness and time.

The Electron Meteorological Shelter - AME is composed of eight aluminum plates separated by nylon spacers in a configuration in which the sensor element is protected from incident or reflected radiation and from rain, even in strong wind conditions.

Due to the profile of the slabs, water droplets and dust are deflected from the internal sensor, accumulating, and running down the outer or inner edges of the slabs. All aluminum parts of the shelter are anodized in compliance with standards for marine applications and are given a glossy white powder coating to reduce thermal conductivity. The nylon spacers also have the function of isolating the aluminum parts of the three stainless steel mounting axes, preventing corrosion due to the pile effect.

TECHNICAL DATA

Sensor characteristics	
Sensor Diameter	9 to 16 mm
Protected Sensor Extension:	150 mm
Plates diameter	
External diameter	123 mm
Internal Diameter (Free Area)	33 mm
Spacing between plates	12 mm
Material	
Plates and Support	Aluminum
Anodizing	A18
Painting	Antistatic white powder
spacers	Nylon
Cable press	Polyamide
Clamps, Hardware	Inox Steel 304
Total Diameters	
Diameter	115mm
height with base	275 mm
Free distance from the pole	85 mm
Weight	0.7 kg
Assemble	In vertical pipe

ORDER ESPECIFICATION

METEREOLOGICAL SHELTER - 

Fixation Dimensions (Clamps)	
1	3/4" to 1 1/2"
2	1 1/2" to 2 1/2"