



Introducing our Offshore Instrument Shelters, designed to house temperature and humidity probes and protect them from the heating effects of solar radiation and direct exposure to rain and snow.

Benefits over existing models on the market include:

- Weatherproof construction
- Extremely durable
- Improved accuracy proven in several national weather service comparison trials
- Unique double louvered construction
- Highly durable, non yellowing, UV stable plastic
- Accommodates a complete range of sensors and larger equipment

Instrument Shelters

Metspec Instrument Shelters are an established industry standard and are sold to national meteorological services and industrial customers worldwide. Their innovative design features a durable white powder coated frame and robust outer louvers which are resistant to UV radiation and chemical attack.

The design of the shelter has a white outer reflective surface combined with an inner barrier of non-reflective, black louvers. This prevents sunlight and reflected radiation reaching the sensors whilst still allowing air to flow across them. Recent trials carried out have confirmed that errors under adverse conditions are significantly less than inside the old wooden Stevenson Screens.

Key Features

- Accuracy in trials
- Less sensitive to rainfall events
- Improved protection against wind blown precipitation
- Secure sensor installation with stable mounting
- Durable UV stable plastic
- For use with intrinsically safe equipment
- Location for an external static pressure head if required



DISTRIBUTED BY

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MET 02

Offshore Instrument Shelter

METSPEC

SPECIALIST METEOROLOGICAL EQUIPMENT



Specifications

- Double louvred high impact thermoplastic louvres
- White external layer, with UV stabiliser for long-term weather resistance
- Extra black internal layer
- Aluminium frame with durable white powder coating
- A4 grade (316), stainless steel bolts used throughout
- High impact UV stable rooves and floors
- Easy mounting onto metal structures
- Padlockable doors front and rear

Accuracy

Testing of Metspec Shelters has been carried out by several national meteorological services. Test reports are available upon request.

In conditions of high solar radiation and wind speeds less than 1 m/s the readings were compared with aspirated shields and traditional wooden Stevenson Screens.

The errors were less than half those recorded in wooden Stevenson and close to those in aspirated shields.

Dimensions and weight

MET 02:

Internal: width 354mm
depth 232mm
height 423mm

External (roof not included):
width 430mm
depth 308mm
height 620mm

Overlapping roof dimensions:
width 537mm
depth 418mm
height 10mm

Weight: 17kg