



# Stevenson Screen EXCEL

## Product Images



## Short Description

Smaller version of the MET01 screen. Meets most technical requirements.

## Description

Using the same design and construction principles as the MET01, this stevenson screen is a slightly smaller version of our screen and meets most technical requirements.

It is constructed from the same high performance plastics and polyester powder coated aluminium and is a direct replacement many older wooden types.

## Additional Information

Brand	MetSpec
Promotion	Special Order Only Approx 12-18 weeks Lead Time
Explanation	<p>EXCEL, the budget version screen, has been developed using the designs for the Full Spec Screen, MET01, as a pattern. They are in use throughout the UK and around the world.</p> <p>The UK Met Office conducted a detailed test into the performance characteristics of Stephenson Screens. Two with white only internal louvers, and two with black internal louvers were tested. As a result the UK Met Office considered that the use of black internal louvers produced a better barrier to radiation, especially when this is high - and therefore more representative readings.</p> <p>Overall performance is similar to traditional wooden Screens. However this screen has a faster response time - a lower thermal lag. It has slightly better air flows although the psychometric constant is the same. Most importantly, the performance need not suffer - as with wooden Screens - because of a deterioration to the paint work between the painting cycles. This screen remains white and glossy just with a quick occasional clean.</p> <p>The screen requires little or no maintenance at all. The materials used to construct the screen are made from will all last for many years. You won't need to maintain or paint them during their lifetime - just an occasional clean to the outside is all that's required.</p> <p>The roof and floor panels are made from a very high grade of UPVC - one which offers outstanding UV resistance as well as resistance to biological, chemical and insect attack. The louvers are made from a premium grade Acrylic (PMMA) with an added UV stabiliser to give an extremely low yellowing index.</p> <p>The frame of the Screens is made from chrome-rich aluminium. This is subjected to a 10-stage conversion, priming and painting process, which finishes with the electrostatic deposition of a polyester powder followed by baking in an oven.</p>

Contents

- Internal Width 396 mm x depth 219 mm x height 397 mm.
- External Width 473 mm x depth 295 mm x height 626 mm.
- Boxed weight approximately 15 kilos.

The standard screen is supplied without any internal supports to allow it to house all manner of sensors or recording instruments. We offer the option of a standard mounting with brass clips for 4 thermometers. A polyester powder coated (PPC) aluminium support stand can be purchased from us for this screen. Alternatively, the screen can be mounted on your own existing or fabricated frame. Just remember to allow the air to circulate have the screen approximately 1.2m above ground.

Please allow approximately 6 weeks for delivery.

Ideal For

Professional, Education, Interested