

# PALLADIO AWNING

## Data Sheet

The Palladio is an elegant strengthened cassette style awning which is permanently fixed to the wall, yet can be retracted when required, either manually or electronically. It is perfect for shade and shelter from the sun and UV rays.

### Dimensions:

Width:	2.05m - 5.5m
Projection	1.6m - 3.6m
Height:	To your specification
Spacing Between Posts:	N/A



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### Features:

Wall Mounted or Free Standing:	Wall mounted
Suitable for:	Education   Hospitality   Leisure   Retail   Commercial   Healthcare
Guarantee:	2 years
Life Expectancy:	N/A
Maintenance:	Requires only periodic cleaning   Always close the awning when not in use and in windy conditions
Installation Type:	Permanent
Retractable/Collapsible:	Yes - choice of electronically remote controlled , or manual operation with a hand crank
Method of Fixing:	Fixed to a suitable wall or ceiling with brackets

### Frame Specifications:

Construction Material:	Arms: Folding arms constructed from aluminium   Arms have springs with plate Flyer's chains
Guttering:	N/A
Frame Finish:	Powder coated as standard
Colour Options:	Available in a choice of 3 colours as shown overleaf
Drive:	Crank: 150cm or 180cm
Motor:	Somfy®
Cassette Type:	Full Cassette (enclosed)
Tilt Angle:	5° - 50°

### Roof Specifications:

Roof Frame:	Aluminium
Roof Covering:	Acrylic fabric with water repellent properties (not waterproof)
Roller Tube:	70mm
UV Protection:	90-100% depending on the fabric chosen
Strength:	The standard fabrics have a tensile strength of between 140 daN Wrap / 90 daN Weft to 160 daN Wrap / 120 daN Weft
Colour Options:	Available in a wide range of colours as shown overleaf

## International Standards:

### Fire Ratings:

Standard fabric: none

Spark FR fire resistant fabric: Euroclass EN 13501-1: Bs1d0




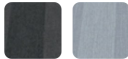


### Wind Speed Testing:

Resistance to wind load: Class 2 (p=70 Pa). Harmonised technical specification: PN-EN 13561+A1:2010

### CE Marked

To UKCA BS EN1090-1:2009+A1:2011

## Colour Options:

	Standard Colours	Non Standard Colours (Additional costs may apply)
Framework		N/A
Fabric Roof Covering	<p><b>Dickson Orchestra Standard Colours:</b></p> <p><b>Composition:</b> Acrylic 100%, solution dyed</p> <p><b>Finishing:</b> Cleanguard special dirt-resistant and awning water repellent treatment</p> <p><b>Weight:</b> 290g/m2 Width: 120cm</p> <p><b>Tensile Strength:</b> 140 daN Wrap / 90 daN Weft</p> <p><b>Tear Strength:</b> 4 daN Wrap / 2.3 daN Weft</p> <p><b>Water Repellency:</b> &gt;370mm</p> <p><b>Colour Fastness Weather Condition:</b> 4-5 / 5</p>  <p><b>Sandatex Colour Range:</b></p> <p><b>Composition:</b> 100% acrylic fibre solution dyed</p> <p><b>Finishing:</b> water/oil repellent, resistant to mould, stains, salt and UV fading</p> <p><b>Weight:</b> 300g/m2</p> <p><b>Width:</b> 120cm</p> <p><b>Tensile Strength:</b> 160 daN Wrap / 86 daN Weft</p> <p><b>Tear Strength:</b> 3.1 daN Wrap / 1.4 daN Weft</p> <p><b>Water Repellency:</b> &gt;300mm</p> <p><b>Colour Fastness Weather Condition:</b> 7-8</p>  <p><b>Sattler Colour Range:</b></p> <p><b>Composition:</b> 100% acrylic</p> <p><b>Finishing:</b> TEXgard finish, water and soil repellent</p> <p><b>Weight:</b> 290g/m2 Width: 120cm</p> <p><b>Tensile Strength:</b> 160 daN Wrap / 120 daN Weft</p> <p><b>Tear Strength:</b> 4.1 daN Wrap / 4.1 daN Weft</p> <p><b>Water Repellency:</b> 460mm</p> <p><b>Colour Fastness Weather Condition:</b> min. 7</p>  <p><b>Giovanardi Colour Range:</b></p> <p><b>Composition:</b> 100% acrylic</p> <p><b>Finishing:</b> Acrylic with high water repellency, Duraclean</p> <p><b>Weight:</b> 290g/m2 Width: 120cm</p> <p><b>Tensile Strength:</b> 140 daN Wrap / 90 daN Weft</p> <p><b>Tear Strength:</b> 3.5 daN Wrap / 2.5 daN Weft</p> <p><b>Water Repellency:</b> 350mm</p> <p><b>Colour Fastness Weather Condition:</b> min. 7</p> 	<p><b>Dickson Orchestra Non-Standard Colours:</b></p> <p>There are 184 Dickson Orchestra non-standard colours with the same properties as those shown to the left. Please see our website for the full list of digital colour swatches</p> <p><b>Spark FR Fire Resistant Colour Range:</b></p> <p><b>Composition:</b> 100% fire-retardant solution dyed polyester</p> <p><b>Finishing:</b> Special anti-dirt and waterproof coating</p> <p><b>Weight:</b> 335 g/M<sup>2</sup></p> <p><b>Width:</b> 120cm</p> <p><b>Tear Resistant:</b> Yes</p> <p><b>Water Repellency:</b> &gt;350mm</p> <p><b>Colour Fastness Weather Condition:</b> 4-5/5</p> <p><b>Fire Resistant:</b> Yes to Euroclass EN 13501-1: Bs1d0</p> 



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## Weather Protection:



UV

## Options:

### Valance



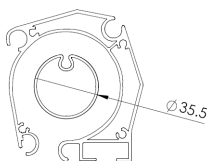
Standard valance height is 21cm

### Vario Volent

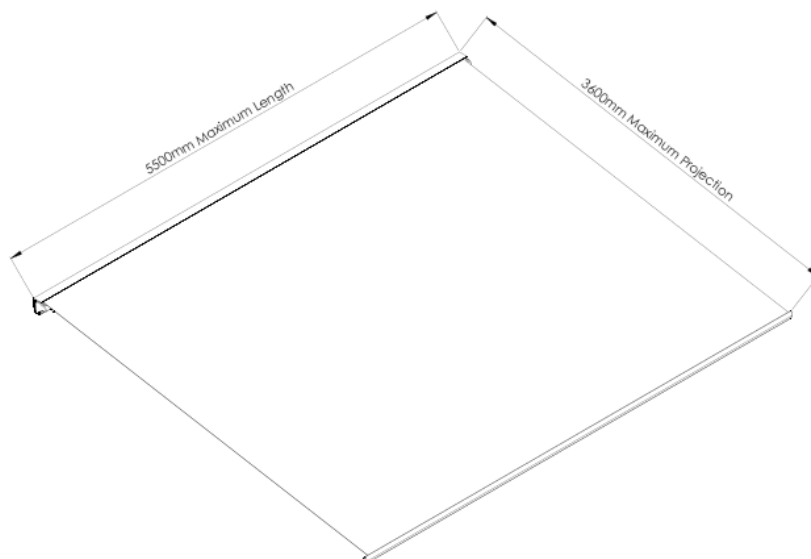


Maximum height: 1.6m

### Front Bar



Front bar with crank for vario volent system

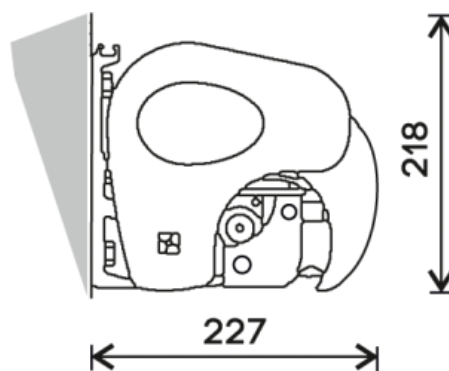


## Available Upgrades:

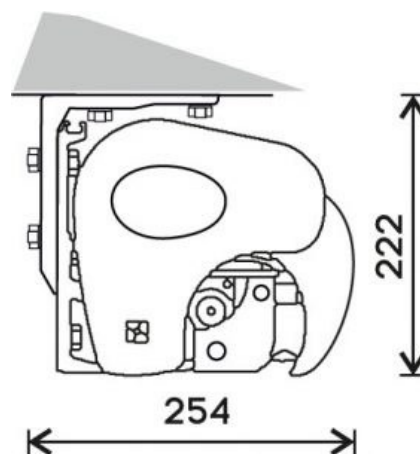
Post Pads	×
Signage	×
Polycarbonate Side & Front Fills	×
Tensile Fabric Side Panels	×
Rainbow Package	×
Roller Shutters	×
Coloured Polycarbonate	×

## Technical Files Available:

PDF CAD File	✓
DXF CAD File	✓
IGES CAD File	✓
STL CAD File	✓
BIM File	✓
NBS Spec	✓



Brackets :Wall installation



Brackets: Ceiling installation



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