Helioshade® External Venetians

MOTORISED BLINDS

The Helioshade® External Venetian blind system provides optimal heat protection and unsurpassed light control. Perfect for domestic or commercial environments, the slats let in natural sunlight whilst minimising uncomfortable hothouse effects and eliminating blinding glare.

Featuring a range of stylish 70/80/90mm curved and flat slats with baked enamel finish offering options such as rolled edges to provide extra stability/anti vibration, External Venetians suit any external façade and come in a range of modern designer colours and can be controlled by switch, hand held remote control or automated building management systems.

SYSTEM SPECIFICATIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>System</td>
<td>Helioshade external venetians</td>
</tr>
<tr>
<td></td>
<td>with selection of C, Z, F &amp; T slat shapes</td>
</tr>
<tr>
<td>Minimum width</td>
<td>540mm</td>
</tr>
<tr>
<td>Maximum width</td>
<td>4000mm</td>
</tr>
<tr>
<td>Maximum drop</td>
<td>4000mm (5000mm with cable)</td>
</tr>
<tr>
<td>Maximum area</td>
<td>20sqm</td>
</tr>
<tr>
<td>Linkable</td>
<td>No</td>
</tr>
<tr>
<td>Standard operation</td>
<td>RTS motor (radio remote) or WT motor (switch)</td>
</tr>
<tr>
<td>Standard colours</td>
<td>White, Silver, Dark Silver, Dark Grey, Light Grey, Metal Grey, Bronze, Dark Brown, Red, Green, Beige, Black* (*C80 only)</td>
</tr>
</tbody>
</table>

TECHNICAL INFORMATION

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>58 x 56mm head rail</td>
<td></td>
</tr>
<tr>
<td>Stainless steel fixing brackets</td>
<td></td>
</tr>
<tr>
<td>14mm extruded aluminium turning shaft</td>
<td></td>
</tr>
<tr>
<td>UV resistant textiles (lift tapes &amp; ladder strings) in light Grey or Black</td>
<td></td>
</tr>
<tr>
<td>S/Steel guide cable: 2mm, sheathed in PVC for noise reduction (Clear or Black coated)</td>
<td></td>
</tr>
<tr>
<td>Extruded aluminium side channel, with noise reducing lining</td>
<td></td>
</tr>
<tr>
<td>Side guide fixing brackets</td>
<td></td>
</tr>
</tbody>
</table>

Z slats

70mm or 90mm wide and 0.45mm thick flanged z-shaped aluminium slats with rolled-in absorption lip for improved light dimming and noise dampening. Each slat has a doubly-riveted metal guide peg (alternating left and right). The connection system between the slats provides even greater stability as well as very good turning and closing behaviour.

T slats

80mm wide and 0.45mm thick flanged t-shaped aluminium slats. Each slat has a double-welded plastic guide peg (alternating left and right). The special slat shape means that the slat package requires minimum room when fully raised.

C slats

80mm wide and 0.45mm thick flanged concave aluminium slats. Each slat has a double-welded plastic guide peg (alternating left and right). The concave slat geometry gives the blind fabric a rounded appearance.

F slats

80mm wide and 0.45mm thick curved aluminium slats without flanged edges. The slat geometry distinguishes itself through the extreme flexibility of the external venetian blind slats and a minimal slat package height when fully raised.
Pelmet sizes

Top fix pelmet sizes
(Note: Not suitable for Z90 slat)

Face fix pelmet sizes
(Note: Not suitable for Z90 slat)

Bracket details

Pelmet face fix bracket

Pelmet options

<table>
<thead>
<tr>
<th>Pelmet options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Face fix bracket – Included with L shape</td>
</tr>
<tr>
<td>Optional end plates / closed ends</td>
</tr>
<tr>
<td>RAL powdercoat finish</td>
</tr>
<tr>
<td>Other finishes on application</td>
</tr>
</tbody>
</table>
Side guide rail details

Order width = slat width

Order width
Clear width

Slat width = Order width - 58

min. 5mm

Order width
Clear width

Clear width
55, 60, 65, 70 or

Order width
Slat width = Order width - 58

min. 5mm

Order width
Clear width

Clear width
26.5
24
3.2
19.4

Channel guide & bracket*
For HS-405

Fixed brackets sizes - 54mm (standard), 59, 64 & 69mm on request.

Side guide cable details

Order width = slat width

Order width
Clear width

*Variable settings from 55-74mm (standard), optional setting range from 75-174mm. Special lengths up to 300mm available.

HS-419 Cable guide bracket*

HS-405 Guide rail
24 x 24.5mm

*Variable settings from 55-74mm (standard), optional setting range from 75-174mm. Special lengths up to 300mm available.
Optional middle guide cable details

HS-415 Additional middle guide cables

Optional one side guide rail / one side guide cable details
Cable & channel fixing options

**HS-417 Spring-loaded down fix**

**HS-419 Wall fix distance bracket**

**HS-420 Double channel**

**HS-424 Recessed guide**

**HS-426 Low profile down fix bracket**

**HS-445 Heavy duty stand off bracket**

From 50mm to 300mm. Surcharge applies.

**HS-467 Deep side channel**

**HS-475 Reveal guide rail**

20 x 18mm

**HS-420 Double channel**

Systems with double centre channel
Pelmet ordering details

Pelmet end plate
Pelmet clearance
EVB order width

Pelmet order width (EVB + min 16mm)

Unless ordered with HS-475 reveal guide (+ end plate cut outs) or HS-467 deep side channel for reveal installation

Pelmet end plate
Pelmet clearance
EVB order width

Pelmet order width (EVB + min 26mm)
Guide cable details

Order size

Optional middle guide cable

Optional pelmet
Guide channel details

Optional middle guide cable

Optional pelmet