Bi-fold 180™

Guidelines and Specs:

<table>
<thead>
<tr>
<th>Description</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-Panel Width (Bi-fold Track)</td>
<td>6”</td>
<td>N/A 24” 24”</td>
</tr>
<tr>
<td>Single-Panel Width (LLL/RRR)</td>
<td>N/A</td>
<td>N/A N/A N/A</td>
</tr>
<tr>
<td>Single-Panel Height</td>
<td>10”</td>
<td>N/A 133” 133”</td>
</tr>
</tbody>
</table>

Outside Mount
Max frame-to-frame width: window width + 3 1/2”
Max frame-to-frame height: window height + 4 1/2”

- Track is pre-installed on the header; standard 1 track only.
Mounting Options: Outside Mount only

**Side View**

**Top View**

Without Casing:

Note:

- Fascia return will protrude the panel about 1/2" for each side.
- The header will protrude the panel about 1/8" for each side.
- Header, light blocks, and bottom pivot bracket(s) must be installed on a flat surface.
With Existing Casing:

- Header Extension: Optional
- Custom extension up to 2” for Header
- When extension is needed, the header will protrude the panel 5/16” for each side and the fascia return will protrude the panel 11/16” for each side.

The extension will be pre-attached.
For 180 Bi-fold, if Bottom Pivot L Bracket is required, the extension for the L shape light block will be 1 3/4” in width. Please see picture below:

Panel Configuration : Only 2”, 2 1/4” rabbet and butt stiles are available. Center stile is not available.

Notes:
If there is no baseboard to the wall, 3” header can be used.
If there is baseboard to the wall, then it should be as below:
1. If base board thickness is less or equal to 5/8”, 3 1/2” header can be used.
2. If base board thickness is over 5/8”, it is suggest using the 3” header with build out. And the build out thickness=base board thickness-1/8".
Please see the drawing below:

180° Bi-fold Track Shutters Framing Materials

<table>
<thead>
<tr>
<th>Type</th>
<th>Header Dimension</th>
<th>Top Fascia Dimension</th>
<th>L Shape Light Block Strip Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>Header &amp; Top Fascia &amp; Light Block Strip</td>
<td>3”</td>
<td>3 3/8”</td>
<td>1 9/16”</td>
</tr>
<tr>
<td></td>
<td>3 1/2”</td>
<td></td>
<td>2 1/16”</td>
</tr>
</tbody>
</table>
## 180° Bi-fold Track Shutters Hardware Box

<table>
<thead>
<tr>
<th>Parts</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wrench</td>
<td></td>
</tr>
<tr>
<td>Hinge Pin</td>
<td></td>
</tr>
<tr>
<td>Support L Bracket (based on the length of header)</td>
<td></td>
</tr>
<tr>
<td>2 ½ &quot; screws for support L bracket</td>
<td></td>
</tr>
<tr>
<td>¾ ” screws for support L bracket</td>
<td></td>
</tr>
<tr>
<td>Bottom Pivot Bracket</td>
<td></td>
</tr>
<tr>
<td>1 ½ &quot; screws for bottom pivot bracket</td>
<td></td>
</tr>
<tr>
<td>2 ½ ” screws for Frame with predrilled screw holes</td>
<td></td>
</tr>
</tbody>
</table>
Bi-fold 90

Guidelines and Specs:

<table>
<thead>
<tr>
<th>Description</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1 ¼&quot;</td>
</tr>
<tr>
<td>Single-Panel Width (Bi-fold Track)</td>
<td>6&quot;</td>
<td>N/A</td>
</tr>
<tr>
<td>Single-Panel Width (Multifold track up to 4 panels)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Single-Panel Height</td>
<td>10&quot;</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Outside Mount
Max frame-to-frame width: window width + 3 1/2"
Max frame-to-frame height: window height + 4 1/2"

Semi-Inside Mount
Max frame-to-frame width: window width - 1/8"
Max frame-to-frame height: window height + 1 3/8"

Inside Mount
Max frame-to-frame width: window width - 1/8"
Max frame-to-frame height: window height - 1/8"

Track is pre-installed on the header; standard 1 track only.
Mounting Options: Outside Mount

Side View

Max frame-to-frame height

Window height

Top View

Without Casing:

Note:

◇ Fascia return will protrude the panel about 1/2” for each side.

◇ The header will protrude the panel about 1/8” for each side.

◇ Header, light blocks, and bottom pivot bracket(s) must be installed on a flat surface.
With Existing Casing:

- Existing casing width
- MFF width = existing casing width + 1 1/4"
- Total width = existing casing width + 1 1/4" + 1"

Semi-Inside/Inside Mount

- Side View
- Max Frame to Frame Height
- Window height
- Inside Mount
- Semi-inside Mount

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Woodlore Shutters
Semi-Inside Mount Top View

Inside Mount Top View

✧ Header Extension: Optional.
✧ Custom extension up to 2" for Header
✧ The extension will be pre-attached.
Panel Configuration: Only 2", 2 1/4" rabbet and butt stiles are available. Center stile is not available.

LL or RR

90° Floating Panels

- Two panels can be hinged together, fold and slide to either direction
- Application comes with wheel carrier, spring loaded guide and floor track
- Can be used on large window

Note:
1. For 90° Floating Panels outside mount/semi-inside mount without side boards but with fascia return, the 2016 Stopper will be supplied by default. The gap between the fascia return and the panel is 5mm each side. The 2016 stopper can also be used in the center or any position of the top track as an option.
Please see drawing below to show the gap.

2016 Stopper

5.1mm [3/16”]

2. When rabbet stile required, the meeting stile of unhinged stile will be butt stile by default.

Optional (Hang Strip for Inside Mount Only)

<table>
<thead>
<tr>
<th>FF/FF</th>
<th>Wheel Carrier</th>
<th>Wheel Carrier</th>
<th>Wheel Carrier</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.35mm [1/4”]</td>
<td>6.35mm [1/4”]</td>
<td>6.35mm [1/4”]</td>
<td></td>
</tr>
<tr>
<td>LLRR</td>
<td>Pivot</td>
<td>Wheel Carrier</td>
<td>Pivot</td>
</tr>
<tr>
<td>6.35mm [1/4”]</td>
<td>6.35mm [1/4”]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LL</td>
<td>Pivot</td>
<td>Wheel Carrier</td>
<td></td>
</tr>
<tr>
<td>6.35mm [1/4”]</td>
<td>6.35mm [1/4”]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RR</td>
<td>Wheel Carrier</td>
<td>Pivot</td>
<td></td>
</tr>
<tr>
<td>6.35mm [1/4”]</td>
<td>6.35mm [1/4”]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: When Butt Stile is required, the stile next to the hang strip will be astragal stile.
90 degree Bi Fold Track Shutters Framing Materials

<table>
<thead>
<tr>
<th>Type</th>
<th>Header Dimension</th>
<th>Top Fascia Dimension</th>
<th>Light Block Strip Dimension</th>
<th>Hang Strip Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>Header &amp; Top Fascia &amp; Light Block Strip</td>
<td>OM 3&quot;</td>
<td>3 1/2&quot;</td>
<td>3 3/8&quot;</td>
<td>1 9/16&quot;</td>
</tr>
<tr>
<td></td>
<td>Semi-IM 3&quot;</td>
<td>3 3/8&quot;</td>
<td>5/8&quot;x3/4&quot;</td>
<td>1.08&quot;x0.875&quot;</td>
</tr>
<tr>
<td>IM</td>
<td>3&quot;</td>
<td>1 7/8&quot;</td>
<td>5/8&quot;x3/4&quot;</td>
<td>1.08&quot;x0.875&quot;</td>
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Note: It will be L shape light block strip for outside mount.

Frame Hinged Bifold
Available Stile: Rabbet Stile Only
Available Frame type

**Vintage Hang Strip with 11.5mm light block**: For single direction shutter with even panel qty, the frame on the unhinged side will be Vintage Hang Strip with 11.5mm [0.453"] light block, the height of the Vintage Hang Strip will match with that of the hinged side frame. The Vintage Hang Strip will be made in wood with surcharge.
Woodlore® Shutters

Top View
Hinged at Left or Right with wheel assembly at top;

Outside Mount
Max Frame to Frame Width

Inside Mount
Max Frame to Frame Width
Window Width

Side View
Outside Mount
3-Sides + bottom light block

3-Sides + 3” Deco Sill Frame

Light Block

Max Frame to Frame Height
3.1 [1/8"]
2.5 [1/8"]

Window Height
15.9 [5/8”]

Max Frame to Frame Height
19.1 [3/4”]
15.9 [5/8”]

Light Block
76.2 [3”]

3” Deco Sill Frame at bottom

F-F Height
25.4 [1”]

WS Height
18.1 [3/4”]

Light Block
19.2 [3/4”]

WL j1-14
Note: For OM Frame Hinged Bifold shutter not to use as a door, if there is no existing sill at the bottom of the window opening, it is recommended to have the 3” Deco Sill Frame at the bottom.

For frame hinged bifold track shutter used as door, the bottom gap will be 19mm by default. Please specify “Used As Door” on the order form.
**Panel Configuration (uneven panel width)**

**LL**
- Vintage Hang Strip at Right (frame height matched with that of the left frame)

**RR**
- Vintage Hang Strip at Left (frame height matched with that of the right frame)

**LLRR**

**Notes:**
1. Only available for 3-Sides + bottom light block or 3-Sides + 3” Deco Sill Frame (4-sides is not available); Panels can be folded and open at 90 degree;

2. Frames available: Only Vintage L Frame
   1) For top frame, the insert will be replaced by top fascia;
   2) Top track will be pre-attached to the top frame;
   3) Frame will be pre-drilled with screw holes same as regular shutters.

**Ring Pull:** The ring pull will be provided as an option; and for frame hinged bi-fold, the ring pull will be supplied as default; Customer need specify ring pull location on the order form. Ring pull location is measured from the floor to center of the ring pull in height direction. Ring pull color will match the hinge color.
Please refer to below drawing of ring pull position for all shutter type:

**Bottom Pivot Bracket for 90 degree bifold:**

For 90° Bifold Track Shutter, there will be 2 types of Bottom Pivot Brackets available.

- For Inside Mount, Bottom Pivot L Bracket will be supplied as default;
- For Semi-Inside or Outside Mount, bottom pivot bracket will be supplied as default.

For 180° Bifold Track Shutter, 81mm Bottom Pivot L Bracket will be supplied as default.
Track Dimension:

- Top Track

27.4mm x 2.5mm

Extra Magnets will be supplied for Bifold hinges: (only for the most top and bottom hinges)

- Extra Magnets will be supplied for Bifold hinges
- Extra Magnet Catches will be installed next to the Bifold Hinge
- Extra Magnets will be installed next to the Bifold Hinge

Side Magnet: applied to the meeting stiles of LR panels

Extra magnet and Side Magnet
90° Bi Fold Track Shutters Hardware Box

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<tr>
<td>Bottom Pivot Bracket</td>
</tr>
<tr>
<td>38.1mm screws for bottom pivot bracket</td>
</tr>
<tr>
<td>63.5mm screws for Frame with predrilled screw holes</td>
</tr>
</tbody>
</table>

Notes:
1. for all bifold track shutter Outside Mount, the header will be pre-drilled with screw holes in the insert and screws will be supplied by default;
2. for all bifold track shutter Inside/Semi-Inside Mount, the header will be pre-drilled with holes for screws and wood plug and screws and wood plug will be supplied by default

Keystone for Fascia of the Track Shutter

When fascia length exceeds the limitation and needs to split, keystone design fascia will be supplied without surcharge for track shutters.

For fascia length within the split limitation, keystone can also be supplied as an option with surcharge.

For Deco Fascia:  
For Flat Fascia:
The keystone will be installed by screws. We will pre-drill the screw holes and the screws will be packed in hardware box.