ALTAIR® POWERLOUVER™ WINDOWS
for Residential and Commercial

breezway®
The Powerlouver Window has been developed to reach heights up to 8’ 6-3/4” and quietly opens to 87.5 degrees, automatically stopping at the fully open and fully closed positions or can be stopped in any intermediate position throughout the open/close cycle.

When fully open, the Powerlouver allows 90% natural ventilation through the entire window opening which helps keep the building at a comfortable temperature without the need for artificial cooling systems. This is in comparison to common powered awning windows that only provide between 12% - 30% air depending on the wind direction.

Powerlouvers are ideal for out-of-reach locations to allow hot air to escape quickly with a simple press of a button. No fine motor skills or large control rods are required, encouraging occupants to operate the windows more frequently to ventilate the building. Powerlouvers also make for great floor-to-ceiling feature windows to help improve the quality of indoor air so building occupants can be left feeling fresh and healthy.

Altair® Powerlouver™ Window Options
Available in the Breezway Easyscreen™ Window System or in Component form for installation into Timber or Commercial Frames, the Powerlouver Window can be controlled by the Appamate Control Unit or integrated into a Building Management System to suit a wide range of budgets and control needs.

The selection process is also made easy as the standard Altair Louver Window and the Powerlouver Window are interchangeable in all aspects, enabling easy matching of automated and manual windows. For example, there is no change to the frame sizes and details, Product Performance Warranty or building installation method, and the Powerlouver Window is available from the same suppliers.

Breezway Window Systems are delivered fully assembled. Powerlouver Windows remove the complexity of sourcing special trades to install motors and program the system and is also compatible with the Stronghold System for multi-storey residential or commercial projects.

Extensive Testing
- Cyclic open/close = 10,000
- Salt mist = 1,000 hours
- Extreme humidity = 90% humidity at 95 degree Fahrenheit
- Extreme heat = 140 degrees
- Extreme cold = 32 degrees
- Electromagnetic compatibility

Technical Specs
- 24V DC operating voltage
- Compatible with major switching systems
- 3 year electrical warranty

Size Specs
- Standard heights only
- Max width = 157-15/32” or 6 bays
- Min width = 15-3/4”
- Frames can be coupled vertically or horizontally

An Automated Window System
The Powerlouver Window has been developed to reach heights up to 8’ 6-3/4” and quietly opens to 87.5 degrees, automatically stopping at the fully open and fully closed positions or can be stopped in any intermediate position throughout the open/close cycle.

When fully open, the Powerlouver allows 90% natural ventilation through the entire window opening which helps keep the building at a comfortable temperature without the need for artificial cooling systems. This is in comparison to common powered awning windows that only provide between 12% - 30% air depending on the wind direction.

Powerlouvers are ideal for out-of-reach locations to allow hot air to escape quickly with a simple press of a button. No fine motor skills or large control rods are required, encouraging occupants to operate the windows more frequently to ventilate the building. Powerlouvers also make for great floor-to-ceiling feature windows to help improve the quality of indoor air so building occupants can be left feeling fresh and healthy.

Altair® Powerlouver™ Window Options
Available in the Breezway Easyscreen™ Window System or in Component form for installation into Timber or Commercial Frames, the Powerlouver Window can be controlled by the Appamate Control Unit or integrated into a Building Management System to suit a wide range of budgets and control needs.

The selection process is also made easy as the standard Altair Louver Window and the Powerlouver Window are interchangeable in all aspects, enabling easy matching of automated and manual windows. For example, there is no change to the frame sizes and details, Product Performance Warranty or building installation method, and the Powerlouver Window is available from the same suppliers.

Breezway Window Systems are delivered fully assembled. Powerlouver Windows remove the complexity of sourcing special trades to install motors and program the system and is also compatible with the Stronghold System for multi-storey residential or commercial projects.

Extensive Testing
- Cyclic open/close = 10,000
- Salt mist = 1,000 hours
- Extreme humidity = 90% humidity at 95 degree Fahrenheit
- Extreme heat = 140 degrees
- Extreme cold = 32 degrees
- Electromagnetic compatibility

Technical Specs
- 24V DC operating voltage
- Compatible with major switching systems
- 3 year electrical warranty

Size Specs
- Standard heights only
- Max width = 157-15/32” or 6 bays
- Min width = 15-3/4”
- Frames can be coupled vertically or horizontally
### Altair® Powerlouver™ Standard Heights

<table>
<thead>
<tr>
<th>No. of Blades</th>
<th>Height 6'</th>
<th>Height 4'</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>14-19/32'</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>20-1/8'</td>
<td>14-7/32'</td>
</tr>
<tr>
<td>4</td>
<td>25-5/8'</td>
<td>17-3/4'</td>
</tr>
<tr>
<td>5</td>
<td>31-5/32'</td>
<td>21-5/16'</td>
</tr>
<tr>
<td>6</td>
<td>36-21/32'</td>
<td>24-27/32'</td>
</tr>
<tr>
<td>7</td>
<td>42-5/32'</td>
<td>28-3/8'</td>
</tr>
<tr>
<td>8</td>
<td>47-11/16'</td>
<td>31-15/16'</td>
</tr>
<tr>
<td>9</td>
<td>53-6/32'</td>
<td>35-15/32'</td>
</tr>
<tr>
<td>10</td>
<td>58-11/16'</td>
<td>39-1/32'</td>
</tr>
<tr>
<td>11</td>
<td>64-7/32'</td>
<td>42-9/16'</td>
</tr>
<tr>
<td>12</td>
<td>69-23/32'</td>
<td>46-3/32'</td>
</tr>
<tr>
<td>13</td>
<td>75-1/4'</td>
<td>49-21/32'</td>
</tr>
<tr>
<td>14</td>
<td>80-3/4'</td>
<td>53-3/16'</td>
</tr>
<tr>
<td>15</td>
<td>86-1/4'</td>
<td>56-23/32'</td>
</tr>
<tr>
<td>16</td>
<td>91-25/32'</td>
<td>60-9/32'</td>
</tr>
<tr>
<td>17</td>
<td>97-5/16'</td>
<td>63-13/16'</td>
</tr>
<tr>
<td>18</td>
<td>102-13/16'</td>
<td>67-3/8'</td>
</tr>
</tbody>
</table>