

PRODUCT SHEET

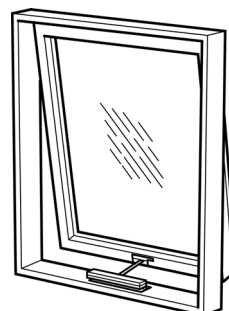
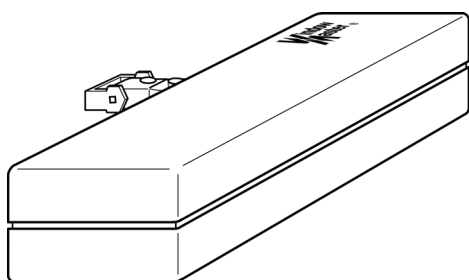


Electric window operator WMU 100

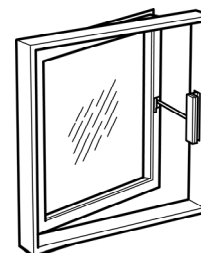
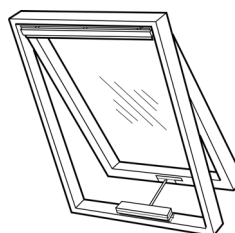
Replaces version no: 07
Applies from production code: AH07B

Date: 31 January 2003
No: WMU 100 GB-08

WMU 100



VELUX



Description

24 V DC window operator with electronic end-stop and stop/reset button for outward opening windows.

Housing and chain are protected against corrosion.

The window can be opened in variable positions up to max. 150 mm. The window operator has a coupling bracket so that the chain can be disengaged and the window operated manually. A childproof safety lock is enclosed to prevent the chain from being disengaged from the coupling brackets unintentionally.

- Colour: White (RAL 9016)
Other RAL colours are available on request
- Dimensions: 220 mm x 33 mm x 42 mm (WxHxD)

Application

The WMU 100 can be used for most outward opening windows whether they are manufactured from timber, plastic or aluminium; it can be used for either bottom-, top- or side-hung windows and pivot-hung windows.

The window operator can also be used for VELUX roof windows GHL, GPL, GPU and VK.

A frame bracket WAB 100 (Z frame bracket) is available for windows with frame widths less than 32 mm.

Combination with other products

The window operator WMU 100 may be combined with the following WindowMaster products:

- WLC CombiLink control unit
- WUC control systems and control units
- WEC 100 EIB motor module with WEP 130/160/190 power supplies
- WUF 121 motor interface

For further details on these products, please see separate product sheets.

Technical data on WMU 100

WMU 100 GB-08

Material	Zinc housing protected against corrosion and zinc chromate passivated steel chain.													
Colour	White (RAL 9016). Other RAL colours are available on request at a higher price.													
Dimensions	220 mm x 33 mm x 42 mm (W x H x D).													
Chain opening	Max. 150 mm.													
Weight	1.8 kg.													
Temperature	-10°C – +60°C.													
Supply voltage	24 V DC (max. 25% ripple).													
Voltage	16 V DC – 27 V DC.													
Current consumption	Max. 0.85 A.													
Power consumption	Max. 20 W.													
Tractive capacity	Min. 300 N, max. 500 N.													
Pressure capacity	Min. 120 N.													
Pressure load	Max. 150 N in the direction of the chain length.													
Connection	<p>The WMU 100 is delivered with 8 m 0.75 mm² 2-core cable with prefitted plug for connection to the motor. When using a longer cable, please observe the following minimum wiring dimensions – apply to one motor only:</p> <table border="1" data-bbox="475 898 1353 976"> <tr> <td>Up to</td> <td>20 m</td> <td>40 m</td> <td>60 m</td> <td>95 m</td> </tr> <tr> <td>mm²</td> <td>0.75 mm²</td> <td>1.50 mm²</td> <td>2.50 mm²</td> <td>4.00 mm²</td> </tr> </table>				Up to	20 m	40 m	60 m	95 m	mm ²	0.75 mm ²	1.50 mm ²	2.50 mm ²	4.00 mm ²
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Maintenance	It is recommended to grease the window hinges once per year to ensure that the motor can run smoothly.													
Service	For all WindowMaster products it is recommended to make a WindowMaster service contract to ensure long life and a reliable functioning of the product.													
Delivery includes	Frame bracket, coupling bracket, 8 m supply cable, fitting template, screws and detailed installation instructions.													
Window types	Outward opening bottom-, top- or side-hung windows, pivot-hung windows, VELUX roof windows GHL, GPL, GPU, VK and other similar roof windows. The maximum weight of the sash of top-hung windows for sloping roofs is 30 kg.													
Window area	Max. 2.0 m ² .													
Window width	Min. 30 cm, max. 140 cm.													
Window height	Min. 30 cm, max. 140 cm.													
CE marking	<p>This product has been CE marked in accordance with relevant EU directives.</p> <p>The product has been tested with genuine WindowMaster control units only and together with these, it meets the requirements of the EMC directive for household, trade and light industry.</p>													
Note	<p>Installation in rooms with a high level of humidity must comply with relevant regulations (contact a qualified electrician if necessary).</p> <p>For safety reasons we recommend to install opening restrictors on bottom-hung windows.</p> <p>WindowMaster window operators must only be connected to genuine WindowMaster power supplies. If power supplies other than WindowMaster are used for connection to WindowMaster window operators then this will invalidate in full any warranty or guarantee for WindowMaster window operators. WindowMaster take no responsibility for the performance of WindowMaster products or third party products in this instance. We reserve the right to make technical changes.</p>													