**DESIGN HIGHLIGHTS**

- Quiet smooth motion
- Stylish look and finish

**OPTIONS**

- PIC 1 size available (for maximum travel of 560 [22.2])
- PIC 2 size available (for maximum travel of 710 [28.0])
- PIC 3 size available (for maximum travel of 860 [33.9])

**NOTE**

- All dimensions are measured in mm [in]

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**FUNCTION**

This mechanism will move a panel vertically to reveal a screen behind.

**SUATIBILITY**

This technical sheet uses the smallest version (PIC 1) of the mechanism as an example.

**SPECIFYING**

The mechanism requires the screen to be recessed into the wall.

Maximum panel weight is 10kg [22.0lb].

**CONTROL**

Supplied with basic infrared remote. Can be learnt by many learning remotes.

Also has switch control and RS232 so can be operated by relays, switches, Crestron / AMX or Lutron systems.

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**WARNING**

It is the responsibility of the installer to warn all potential end users of the dangers of interfering with mechanisms during operation.

**IMPORTANT**

Mechanisms which lift or move weights need to be checked on a yearly basis for any damage which may result in an accident.
**Mechanism Selection**

**PROCEDURE:**

1. Decide the required 'Picture Travel'. Ensuring the screen recess height is accounted for and shall be covered by the picture.

2. Select mechanism based on 'Picture Travel' and 'Mechanism Frame Height' using Mechanism Selection/Sizing Table.

3. Ensure Picture is larger than the 'Mechanism Frame'.

**MECHANISM SELECTION / SIZING TABLE**

<table>
<thead>
<tr>
<th>MECHANISM</th>
<th>PICTURE TRAVEL</th>
<th>INTERNAL PANEL FRAME HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIC 1</td>
<td>560 [22.2]</td>
<td>720 [28.3]</td>
</tr>
<tr>
<td>PIC 2</td>
<td>710 [28.0]</td>
<td>870 [34.3]</td>
</tr>
<tr>
<td>PIC 3</td>
<td>860 [33.9]</td>
<td>1020 [40.2]</td>
</tr>
<tr>
<td>PIC CUSTOM</td>
<td>CUSTOM HEIGHT - 160 [6.3]</td>
<td>CUSTOM HEIGHT</td>
</tr>
</tbody>
</table>

**NOTE**

Mechanism frame is designed to fit within sizes shown in the table. Mechanism frame will typically be 3 - 4mm [0.1 - 0.2"] smaller than internal panel frame height.

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For PIC 1 Mechanism

Internal Panel Frame Height 720 [28.3]

For PIC 1 Mechanism

Picture Travel 560 [22.0]

UP POSITION

DOWN POSITION

www.futureautomation.co.uk      tel: +44 (0) 1438 833 577      fax: +44 (0) 1438 833 565
NOTE:
The screen should be mounted in a recess with suitable clearance around it for ventilation and mounting.

The depicted representative setup has the screen mounted on a Future Automation VESA300 (V3) product.

CONTROL & SIGNAL:
A control box (measuring 220mm X 150mm X 55mm) shall need to be located in an easily accessible location.

A four-core mains power cable shall need to be routed from the control box to the mechanism.

A 1500mm long infrared lead shall be connected to the control box.

PICTURE PANEL:
The maximum moving panel weight that the mechanism can lift is 10kg [22.0lb].

Custom designs can be made to lift more; all custom designs have extra costs and longer lead times.