MAGIC 1800
CONCEALED SLIDING SYSTEM FOR WOOD DOOR

INSTALLATION INSTRUCTION

A
INSTALLATION WITH END CAP

CONCEALED INSTALLATION

B
CUT OUT DIMENSIONS

1
L - 1/4"
L = Door Width

2
L - 5-11/16"
L = Door Width

L - X - X
L - X - X - 5-11/16"
MAGIC 1800
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INSTALLATION INSTRUCTION

A

6

B

7

D

8
MAGIC 1800
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INSTALLATION INSTRUCTION

11

12
PLEASE INSTALL DISTANCE PLATES \textbf{K} ONLY IF NECESSARY
INSTALLATION INSTRUCTION

ADJUSTABLE WALL MOUNTED BOTTOM GUIDE  N IS NOT INCLUDED IN THE PACKAGE AND CAN BE PURCHASED SEPARATELY

OPTIONAL
Top running track can be recessed into the door for a clearance (door to wall) from 1/2" up to 1-1/4"
Example for base boards.

1-1/8" Minimum door thickness
2-1/2" Maximum door thickness

For thicker door installation, please contact with AFF office.
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INSTALLATION INSTRUCTION

VERSION 1

\[ MH = H + \frac{3}{8}" - 11/16" \]
\[ H = H2 - \frac{3}{8}" + \text{min } 2-3/8" \]
\[ X = \text{Width of a door opening} \]
\[ H2 = \text{Height of a door opening} \]
\[ L = X + 2" \text{ Door overlap one side of frame and 2" opposite, when in the fully closed position.} \]
VERSION 2

MH = H + 3/8" - 11/16"

H = H2 - 3/8" + min 2-3/8"

X = Width of a door opening

H2 = Height of a door opening

L = X + 2" Door overlap one side of frame and 4-1/4" opposite, when in the fully closed position.
VERSION 3

MH = H + 3/8" - 11/16"

H = H2 - 3/8" + 2-3/8"

X = Width of a door opening

H2 = Height of a door opening

L = X + 2" Door overlap one side of frame and 6-5/8" opposite, when in the fully closed position.
VERSION 4

MH = H + 3/8" - 11/16"
H = H2 - 3/8" + min 2-3/8"
X = Width of a door opening
H2 = Height of a door opening
L = X + Door overlap 6-5/8" only on one side of frame, when in the fully closed position.
VERSION 5

MH = H + 3/8" - 11/16"
H = H2 - 3/8" + min 2-3/8"
X = Width of a door opening
H2 = Height of a door opening
L = X + (example 1/4" recessed on one side)
+ Door overlap 6-5/8" on opposite side of frame, when in the fully closed position.
**Dimension depends on Gap and Door Thickness.**

Special wall mounted strike for Barn Door can be made upon request

Please specify:
- Lock No.
- Door Thickness:
- Gap / Clearance:
- Finish:
# MAGIC 1800
CONCEALED SLIDING SYSTEM FOR WOOD DOOR

## SET COMPONENTS

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>QUANTITY PER 1 DOOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>UPPER SLIDING TRACK - (ANODIZED ALUMINUM) - 70-7/8”</td>
<td>1 pc.</td>
</tr>
<tr>
<td>B</td>
<td>GUIDE BOTTOM TRACK - (ANODIZED ALUMINUM)</td>
<td>1 pc.</td>
</tr>
<tr>
<td>C</td>
<td>DISTANCE UPPER ROLLER</td>
<td>2 pcs.</td>
</tr>
<tr>
<td>D</td>
<td>SOFT CLOSING MECHANISM</td>
<td>2 pcs.</td>
</tr>
<tr>
<td>E</td>
<td>UPPER RUNNING GEAR</td>
<td>1 pc.</td>
</tr>
<tr>
<td>F</td>
<td>BOTTOM ROLLER SUPPORT</td>
<td>2 pcs.</td>
</tr>
<tr>
<td>G</td>
<td>END CAPS - FOR RUNNING UPPER TRACK (BLACK PVC)</td>
<td>2 pcs.</td>
</tr>
<tr>
<td>H</td>
<td>END CAPS - FOR RUNNING UPPER TRACK (SILVER PAINT PVC)</td>
<td>2 pcs.</td>
</tr>
<tr>
<td>I</td>
<td>FLOOR GUIDE</td>
<td>1 pc.</td>
</tr>
<tr>
<td>J</td>
<td>BOTTOM FLAT STEEL SPRING</td>
<td>6 pcs.</td>
</tr>
<tr>
<td>K</td>
<td>DISTANCE PLATES FOR UPPER RUNNING GEAR - (CLEAR PVC)</td>
<td>3pcs x 3/64”</td>
</tr>
<tr>
<td>L</td>
<td>BOTTOM ROLLER</td>
<td>2 pcs.</td>
</tr>
<tr>
<td>M</td>
<td>SET OF SCREWS, HEX KEY</td>
<td>1 set</td>
</tr>
<tr>
<td>N</td>
<td>ADJUSTABLE WALL MOUNTED BOTTOM GUIDE (OPTIONAL, CAN BE PURCHASED SEPARATELY)</td>
<td></td>
</tr>
</tbody>
</table>

## SAFETY INSTRUCTION

**Important Information**

Always read through the safety instructions before you install or use the product. AFF products may only be installed and put to operation by trained and experienced specialists who are able to properly implement all of the installation instructions. AFF accepts no liability of any kind for damage or injuries that result from non-observation of the installation instructions, or that arise from moving elements such as glass doors, doors, gates, shop windows etc., during the installation commissioning or operation. The installer must ensure that the fixing elements correspond to the intended maximum load-bearing strength of the product with regard to number, dimensioning, load-bearing capacity and fixation location, such as walls, ceilings, floors, counters, etc. in every position of the product. A safety device to guard against the unintentional release of the fixation elements must be foreseen. The corrosion resistance of the fixation elements is to be designed to meet the planned climatic conditions. In the case of facade-mounted systems, the locally prevailing wind conditions must also be taken into account.

**Please Note:**

Be sure to order hardware before beginning fabrication or installation work. Always use the instructions inside the packaging provided by the AFF, as the manufacturer reserves the right to make technical changes or modify information without prior notice. All technical drawings and documents contain examples for the assembly of different suppliers' hardware. The customer cannot make any claims based on the use of these documents. No responsibility is assumed for design details relating to a construction or project. At all times, execution and installation must be undertaken by qualified persons. Never exceed the maximum weight or the maximum dimensions recommended by the manufacturer. Always be sure to install the product correctly using the appropriate fixation for your material. Use a dry cloth to remove fragments, dust, and residue (wood and/or aluminum sawdust) from rails before the installation of the hangers. Never use any spray lubricant on these products.