Axo Automatic Swing Gate Operators

When reliability is a matter of principle
Say hello to top-notch quality that offers a seamless and silent operation. The gear motor features bearing semi-shells in die-cast aluminum and is equipped with an adjustable mechanical stop to memorize the gate run. The Axo is available in a 24V D.C. version with a simplified connection system providing only one single, three-wired cable, whereas the innovative 120V A.C. technology offers simplified efficiency with enhanced control over the gate descent.

The Advantages of Axo
When total comfort, performance and safety are a must, Axo’s technology exceeds the highest standards by providing the following advantages:

- **No more blackouts**
  Axo’s 24V D.C. technology automatically detects any absence of power and immediately activates the emergency back-up batteries to ensure the gate will always be able to open and close (optional).

- **Frequent passages**
  The low-voltage gear motor guarantees operation even in extremely high-traffic areas, such as in apartment complexes and commercial settings.

- **Obstacle detection**
  A special electronic circuit continuously sweeps for any obstacles surrounding the gate leaves, and if needed, stops or inverts the direction of motion.

Excellent quality
The gear motor has bearing semi-shells created from die-cast aluminum that are constructed in such a way to ensure silent operation.
Axo Kits & Technical Features

Axo Accessories

**Accessories**

001/LB180
Card for connecting (2) 12V - 1.2Ah emergency batteries and battery-support bracket

001/LOCK81
Electric lock with single cylinder

001/LOCK82
Electric lock with double cylinder

001/AF43S
433.92 MHz plug-in radio frequency receiver card

001/TOP-432NA
RF-channel multi-user remote control. 4,096 self-learning combinations

001/DR18
Pair of photocells. Range: 32 ft.

001/DR20
Pair of photocells. Range: 65 ft.

001/TOP-A433N
Antenna

001/KIAR024N
Warning flashing light

**Technical features**

<table>
<thead>
<tr>
<th>Type</th>
<th>E001AX3024U</th>
<th>E001AX5024U</th>
<th>E001AX71110</th>
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<tbody>
<tr>
<td>Protection rating</td>
<td>IP44</td>
<td>IP44</td>
<td>IP44</td>
</tr>
<tr>
<td>Power supply (V) (50/60Hz)</td>
<td>120V A.C.</td>
<td>120V A.C.</td>
<td>120V A.C.</td>
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<tr>
<td>Control drive (V)</td>
<td>120V A.C.</td>
<td>24V D.C.</td>
<td>24V D.C.</td>
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<tr>
<td>Power (A)</td>
<td>1/2</td>
<td>1/4</td>
<td>1/4</td>
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</table>

**Dimensions**

<table>
<thead>
<tr>
<th>Type</th>
<th>Opening A</th>
<th>B</th>
<th>C max</th>
<th>LM</th>
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<tbody>
<tr>
<td>90°</td>
<td>5.11</td>
<td>5.11</td>
<td>2.75</td>
<td>31.49</td>
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<tr>
<td>120°</td>
<td>5.98</td>
<td>3.05</td>
<td>1.96</td>
<td>31.49</td>
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</table>

**Limits to use**

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. width of gate leaf (ft.)</th>
<th>Max. weight of gate leaf (lb.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AXO</td>
<td>0.5</td>
<td>8</td>
</tr>
<tr>
<td>AXO</td>
<td>1.78</td>
<td>1.3</td>
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</table>

**NOTE:**

- If it is larger than 10 ft., the blocking electric lock must be installed on the leaf.
- If it is larger than 16 ft., panels must not be fitted.
- Attention must be paid when there is a strong wind with the reversible versions, if the gate is open, as it could slam shut.