



Compliant with UL 325 STD and CSA STD C22.2 No. 247 for both the US & Canada

Amico Automatic Swing Gate Operators

The revolutionary solution for securing residential communities and apartment complexes with swing gates up to 6 feet per leaf. It provides the best in terms of active safety measures thanks to extensive testing and compliance in regards to impact force.



State-of-the-Art Technology

Besides the normal control and safety functions, Amico's new technology provides advanced features that allow for total control of the operator and optimized functionality. For example:

- **Signal led**
Built into the control board to provide easy diagnosis of the systems functions.
- **End-point control**
Operated through the encoder to easily manage movement and slow-down phases.
- **Simplified installation**
Installs easily with one, three-polar cable that handles the power supply and the lifts.



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Personalized release.

The lock cylinder on the release device has a three-sided key that can be personalized on request. Plus, a reserved key cylinder for the user guarantees even higher security.



Simplified run adjustment.

Once the mechanical end stops are in place, the opening and closing end stops are adjusted automatically when the first test movements are made. This setting is final and needs no further adjustment.



Simple connections.

A single, three- or four-wire cable is sufficient to connect the gear motors.

A new concept in safety

Get ready for a guarantee of the highest reliability and safety standards, coupled with an attractive and exclusive design. Amico is a safe, innovative operator, featuring elegant and harmonious lines. This electromechanical operation provides an extra touch: its force is encoder-controlled. Combined with the ZLJ24U control panel, it makes it possible to install systems that are compliant with UL 325 US standards to control the gate's maximum impact forces.



The Amico offers many innovative features, including:

Safety compliance.

A dedicated panel, called the ENCODER, constantly monitors the movement of the gate leaves, promising the utmost in thrust control and safety.

Eye-catching design.

The aluminum supporting structure makes Amico extremely robust. Carefully design and attention to detail provides both an exclusive look and protection from environmental damages.

No more blackouts!

Amico's 24V D.C. technology automatically detects any lack of power and activates the emergency battery back-up mode built into the assembly (see accessory chart) .

The Advantages of Amico

Amico has an electromechanical gear motor that is the culmination of all of CAME's design expertise and technology innovation; available in the traditional 24V D.C. version.

The Amico 24V D.C. can be matched to the ZLJ24U control panel, featuring signal LED, self-diagnosis and is compliant with UL 325 US standards concerning the maximum impact forces generated by gate movement.

The Range

001A1824U

Self-locking operator with encoder.

002ZLJ24U

Control panel for two-leaf swing gates with built-in radio decoder.

002LB180

Card for connecting two (2) 12V – 1.2Ah emergency batteries.

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clearance of up to 6 ft.



External 24V D.C. operators and control panel

001A1824U

Self-locking operator with encoder

002ZLJ24U

Control panel for two-leaf swing gates with built-in radio decoder

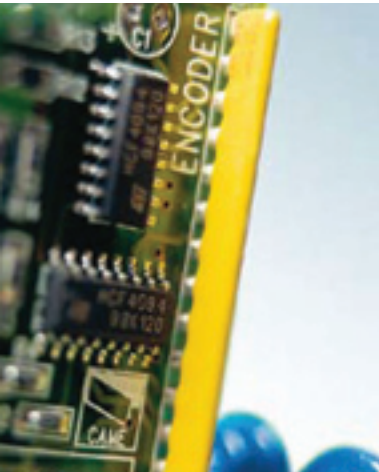




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	Product Code	Operator Model (2 included)	Max. leaf (ft.)	Control Box with Main Board	2 Remote 001TOP-432NA	Receiver Card 001AF43S	Photocells 001DIR10	Extrl. Antenna 001TOP-A433N	KIARO Flashing Light 001KIARO24N	Battery Back-up Card 002LB180
Basic	KT-SW-AM/L-B1814-1	001A1824U	6	•	•	•				
Professional	KT-SW-AM/L-P1814-1	001A1824U	6	•	•	•	•			
Expert	KT-SW-AM/L-E1814-1	001A1824U	6	•	•	•	•	•	•	•

Technical features

Type	001A1824U
Protection rating	IP44
Power supply (V) (50/60Hz)	120V A.C.
Motor power supply (V)	24V D.C.
Current draw (A)	4 max
Power (HP)	1/4
90° opening time (s)	Adjustable
Duty cycle (%)	Intensive use
Thrust (N)	400 - 2000
Operating temperature (°F)	-4°F up to 131°F

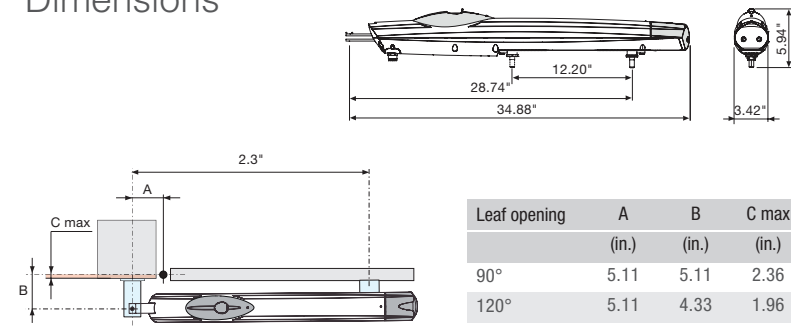
● 24V D.C.

Accessories

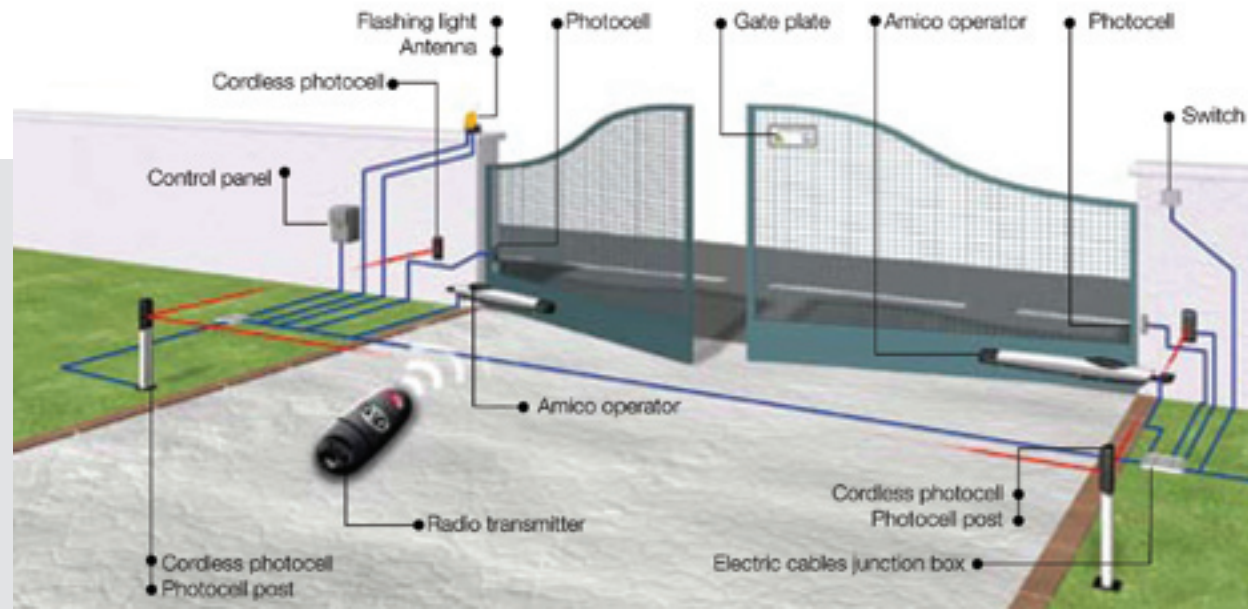
24V

- 002LB180**
Card for connecting (2) 12V – 1.2Ah emergency batteries
- 001AF43S**
33.92 MHz plug-in radio frequency receiver card
- 001TOP-432NA**
Bi-channel multi-user remote control. 4,096 self-learning combinations
- 001DIR10**
Pair of photocells. Range: 32 ft.
- 001TOP-A433N**
Antenna
- 001KIARO24N**
Warning flashing light

Dimensions



Standard Installation



Limits to use

Model	001A1824U		
Max width of gate leaf (ft.)	3	5	6
Max weight of gate leaf (lb.)	550	470	440

● 24V D.C.



New



24V D.C. gear motor powered directly from the control panel.