Gard4 Automatic Barrier Gates

Designed for a range of large openings up to 12 ft. The Gard4 barriers are the ideal solution to control roadways and parking areas for commercial and public use.
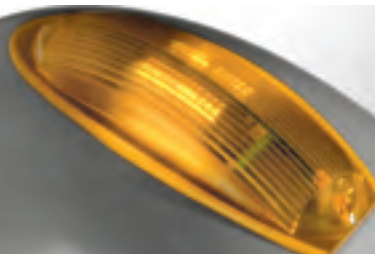
24V

State-of-the-Art Technology

The Gard4 series barriers are constructed with the latest in electronics innovation that guarantees total control of the automatic system, improving the overall safety and control functions, such as:

· **Autotest all the safety devices**
An electronic "checklist" prior to activating the motor.

· **Anti-crushing function**
Electronic control of the movement of the bar with obstacle detection.

· **Stationary safety function**
All control commands will override if an obstacle is detected.

A new concept in barrier gates.

Recent innovations in the design and features of the Gard barrier gate series provide a new standard in safety: these are the most recent additions to the Gard barrier gate family. The soft contours and rounded corners create an aerodynamic shape that offsets the "sail effect" in windy areas well as creating a contemporary, aesthetic design that blends well in any setting.

Design, materials, technology.
The exclusive built-in flashing light with an illuminated LED diffuser needs no special maintenance and ensures complete visibility of the warning light when the barrier arm is moving.

The safety guard on the bar is a standard feature.
It protects the user from possible risks when the arm is in motion.

Perfect barrier gate integration.
The safety photocells integrate harmoniously and aesthetically with the system.

The Advantages of 24V D.C. Barriers

· **No more blackouts**
The Gard4 24V D.C. electronics system automatically recognizes a power outage and activates the emergency back-up batteries (not included), to ensure the gate will always perform its function.

· **Keep speed in check**
The 24V D.C. electronics enable the operating speed to be based on installation/location requirements.

· **Intensive traffic**
The low 24V D.C.gear motor ensures reliable operation of the barrier during heavy/high traffic conditions.

· **Opening time**
With the low-voltage consumption technology, the barrier opening time can be adjusted between 2-6 seconds.

Global entry control.
The Gard4 series automatic barrier system can be connected to many of the CAME access control systems that allow identification, memorization, entry and exit only to authorized personnel. The equipment can also be integrated with a global access control system.

The Gard4 offers many innovative features, including:

Maximum safety.
Next-generation electronics automatically interrupt the power supply as soon as the service door is opened.

Accessible and well protected electronics.
The die-cast aluminum housing provides a secure, yet accessible casing for the electronics.

Luminous bar.
Superior visibility of the arm and durability of the light fixtures.

Round tubular bar.
Maximum reduction of the "sail effect," ensuring correct operation in areas subject to high winds.

Differentiated sensitivity spring.
For exceptional balancing of the bar.

Gard4 Automatic Barrier Gates
clearance of up to 12 ft.

24V

24V D.C. operated barrier gates complete with control panel

001**G4140ZU**	Galvanized and painted steel barrier complete with control panel and fitted to take additional accessories.
001**G4140IZU**	AISI 304 stainless steel with satin finish bar complete with control panel and fitted to take additional accessories.

Available to work independently and in a synchronized action mode.
Thanks to the additional RSE card, the barriers can be installed facing each other or synchronized at the same access point.

*Barrier operators with batteries will only operate as long as the batteries have a charge.

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

Kits & Technical Features

Product Code	Operator Model (2 included)	Max. Leaf (ft.)	Control Board	001 G3750 13.1 ft. Arm with Yellow Bumper	001 G06080 Red Counter-Balance Spring	001 G02809 Warning stickers	001 G02803 (32/64 ft.) of light strip	001 G02804 Light Strip Adapter	001 G02801 Dome Light	001 DR10 Photocells with 001 G02802 Adapter	Battery Back-up Card 001 LB38
Basic KT-BG-GA/S-B0414-1	001G4140ZU	12	●	●	●	●					
Professional KT-BG-GA/S-P0414-1	001G4140ZU	12	●	●	●	●	●	●			
Expert KT-BG-GA/S-E0414-1	001G4140ZU	12	●	●	●	●	●	●	●	●	●

Please refer to the accessory and installation table to specify the balancing spring.

Technical features

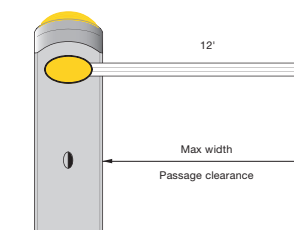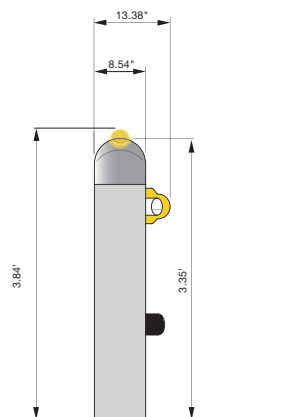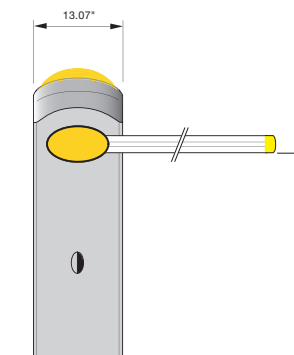| Type	001G4140ZU	001G4140IZU
Protection rating	IP54	IP54
Power supply (V) (50/60Hz)	120V A.C.	120V A.C.
Motor power supply (V)	24V D.C.	24V D.C.
Current draw (A)	15 Max	15 Max
Power (HP)	1/2	1/2
Duty cycle (%)	Intensive use	Intensive use
Torque (Nm)	200	200
Opening time 90° (s)	2/6	2/6
Motor's thermo-protection (°F)	-	-
Operating temperature (°F)	-4°F up to 131°F	

● 24V D.C.

NEW
New

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

Accessories

Accessories for barrier gates with 24V D.C. operator

002LB38
Card for connecting (3) 12V-7Ah emergency batteries **24V**

001G03751
Emergency battery rack

001G02808
Mobile support for bars

001G02040
Balancing spring ø / 1.57 in.

001G04060
Balancing spring ø / 1.96 in.

001G06080
Balancing spring ø / 2.16 in.

001G02801
Dome-shaped flashing light

001G02802
Support for series DIR photocells. Do not use with barriers with G0465 rack and/or G02808 mobile support

001G03750
White painted semi-oval aluminium bar with slot cover and impact-resistant profiles L = 13.12 ft.

001G03752
White painted oval aluminium bar with slot cover profile L = 13.12 ft.

001G03753
Securing flange for G03752 oval bar

001G02803
Luminous cord for bar

001G02804
Luminous cord cable

001G0465
Rack for painted aluminium bar (6.56 ft. modules)

001G02807
Fixed support for bar

001G02809
Red adhesive refracting strips for bars (20-pieces per package)

001G03755DX
Joint for G03750 semi-elliptic tubular bar for right-hand barrier

001G03755SX **NEW**
Joint for G03750 semi-elliptic tubular bar for left-hand barrier

Dimensions

13.07"
2.9'

13.38"
8.54"
3.84'
3.35'

12'
Max width
Passage clearance

Accessories and installation

Depending on the configuration of the accessories required for mounting the boom, different kinds of springs are available to provide the best possible balance of movement. The table shows the possible combinations of the various accessories and the maximum length of the moving boom. Standard issue booms come with transparent profiles and head cap.

Composition of the bar	Max. width of passage clearance (ft.)	5	5.7	6.6	7.4	8.2	9	9.8	10.7
Bar with shock-resistant profile		●	●	●	●	●	●	●	●
G02803 bar with shock-resistant profile and luminous cord		●	●	●	●	●	●	●	●
Bar with G0465 rack		●	●	●	●	●	●	●	●
Bar with G02803 luminous cord and G0465 rack		●	●	●	●	●	●	●	●
Bar with shock-resistant profile and G02808 mobile support		●	●	●	●	●	●	●	●
Bar with shock-resistant profile, G02803 luminous cord and G02808 mobile support		●	●	●	●	●	●	●	●
Bar with G0465 rack and G02808 mobile support		●	●	●	●	●	●	●	●
Bar with G02803 luminous cord, G0465 rack and G02808 mobile support		●	●	●	●	●	●	●	●

● G02040 balancing springs - ø / 1.57 in. | ● G04060 balancing springs - ø / 1.96 in. | ● G06080 balancing springs - ø / 2.16 in.

Color:
Cabinet - grey textured
Code 053 0837
Cover RAL9006

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