



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

# Gard8 Automatic Barrier Gates

Designed for a range of large openings up to 25 ft. The Gard8 barriers are the ideal solution to control roadways and parking areas for commercial and public use.



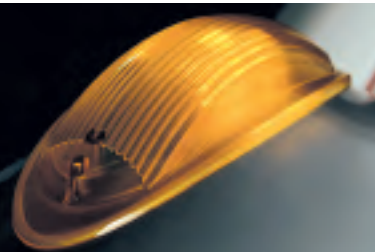
## State-of-the-Art Technology

The Gard8 series barriers are constructed with next-generation electronics 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.



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### A new concept of automatic barrier gates.

The recent innovation in the design features of the Gard barrier series provide a new standard in safety. The soft contours and rounded corners create an aerodynamic shape that offsets the "sail effect" in windy areas as 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 bar 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 Gard8 offers the same innovative features as the Gard4, 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.

## The Advantages of 24V D.C. Barriers

- **No more blackouts**  
The Gard8 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 Gard8 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.

# Gard8 Automatic Barrier Gates

clearance of up to 25 ft.



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

**001G2180ZU** Galvanized and painted steel barrier complete with control panel and fitted to take additional accessories

**001G2180IZU** 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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	Product Code	Operator Model (2 included)	Max. Leaf (ft.)	Control Board	001G06001 13.1 ft. Arm with Yellow Bumper	001G04060 Red Cable-Balance Spring	001G02809 Warning stickers	001G02803 (32/64 ft.) of light strip	001G02804 Light Strip Adapter	001G02801 Dome Light	001DIR10 Photocells with 001G02802 Adapter	Battery Back-up Card 001LB38
Basic	KT-BG-GA/S-B0814-1	001G2180ZU	25	●	●	●	●					
Professional	KT-BG-GA/S-P0814-1	001G2180ZU	25	●	●	●	●	●				
Expert	KT-BG-GA/S-E0814-1	001G2180ZU	25	●	●	●	●	●	●	●	●	●

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

## Technical features

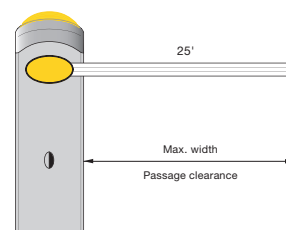
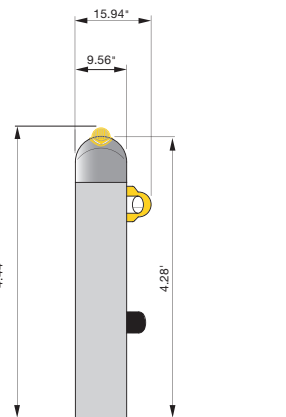
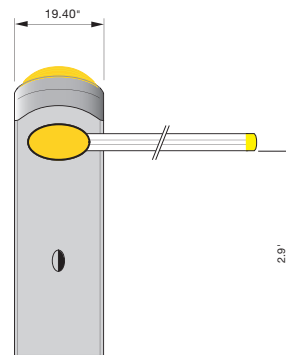
Type	001G2180ZU	001G2180ZU
Protection rating	IP54	IP54
Power supply (V) (50/60Hz)	120V A.C.	120V A.C.
Motor power supply (V)	24V D.C.	24V D.C.
Current draw (A)	15 Max	15 Max
Power (HP)	1/2	1/2
Duty cycle (%)	Intensive use	Intensive use
Torque (Nm)	600	600
Opening time 90° (s)	4/8	4/8
Motor's thermo-protection (°F)	-	-
Operating temperature (°F)	-4°F up to 131°F	-

● 24V D.C.

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

- 002LB38**  
Card for connecting (3) 12V-7Ah emergency batteries
- 001G02805**  
Emergency battery rack
- 001G02040**  
Balancing spring  $\phi$  / 1.57 in.
- 001G04060**  
Balancing spring  $\phi$  / 1.96 in.
- 001G06080**  
Balancing spring  $\phi$  / 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)
- 001G02000**  
White painted aluminum tubular bar 3.93 in. complete with slot cover profile L = 6.56 ft.
- 001G04000**  
White painted aluminum tubular bar 3.93 in. complete with slot cover profile L = 13.12 ft.
- 001G06000**  
White painted aluminum tubular bar 3.93 in. complete with slot cover profile L = 19.68 ft.
- 001G06803**  
Joint for bar complete with additional insert to attach 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
- 001G02808**  
Mobile support for bars
- 001G02809**  
Warning sticker
- 001G028011**  
Break-away fitting for bar

## Dimensions



**Color:**  
Cabinet - grey textured  
Code 053 0837  
Cover RAL9006

## 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.)	6.6	8.2	9.8	11.5	13.1	14.8	16.4	18	21.3	23	25
Simple bar		●	●	●	●	●	●	●	●	●	●	●
Simple bar and G02808 mobile support		●	●	●	●	●	●	●	●	●	●	●
Simple bar and G02803 luminous cord		●	●	●	●	●	●	●	●	●	●	●
Bar with G02808 mobile support and G02803 luminous cord		●	●	●	●	●	●	●	●	●	●	●
Simple bar and G0465 rack		●	●	●	●	●	●	●	●	●	●	●
Simple bar, G0465 rack and G02803 luminous cord		●	●	●	●	●	●	●	●	●	●	●

● G02040 balancing springs -  $\phi$  / 1.57 in. | ● G04060 balancing springs -  $\phi$  / 1.96 in. | ● G06080 balancing springs -  $\phi$  / 2.16 in.



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

