

INDUSTRIAL BARRIER GATE OPERATOR

BG770



INDUSTRIAL BARRIER GATE OPERATOR

Reliable performance barrier gate operator for industrial applications such as airports, parking garages and manufacturing plants.

Engineered for the highest durability and safety, this powerfully designed barrier gate operator supports arm lengths up to 15 ft. and arms weighing up to 25 pounds. A heavy 11-gauge steel weather-resistant cabinet with durable powdercoated finish and heavy-duty 1/2 HP industrial motor with overload protection make this model ideal for installations that experience heavy traffic.



LiftMaster®

BG770

STANDARD FEATURES

Control Inputs

Control inputs allow the connection of a full range of optional external devices like loop detectors, photo eyes, telephone entry systems, access control systems and radio receivers.

Limit Settings

All driven limit cams are fully adjustable, adding considerable convenience to unit installation and maintenance.

Security+ 2.0® Technology

Virtually eliminates interference and offers enhanced range so you can access your facility quickly and safely.

OPTIONAL ACCESSORIES

Timer To Close (71-26438)

This optional programmable module can be set from 1 to 1,024 seconds. The unit will automatically close when your programmed time has expired.

Plug-in Style Loop Detectors (G714167NH)

The operator incorporates a 2-harness support system that can accept up to 2 plug-in loop detectors for exit or hold-open functions.

Long-Distance Wiring Module (50-24)

This module allows you to mount accessories or controls beyond 100 ft. from the operator.

LiftMaster® gate operators comply with UL 325 standards. External entrapment devices must be added to meet UL 325 standards. Your installer will recommend suitable entrapment devices such as photoelectric sensors or edge sensors.

OPTIONAL ACCESSORIES

Primary/Secondary Configuration (90-3010)

Allows for reverse cabinet/rotation configuration for BG operators (factory installed only).

Articulated Arms

For use in parking garages where normal arms would be obstructed by ceiling or other obstacles. Available in both wood and PVC construction.

12 Ft. Wood Arms

Standard arm used in most applications.

10 ft. PVC Arm

Replaces the standard wood arm with a lighter weight PVC arm.

15 ft. Aluminum Arm

Square red/white stripes

Thermostatically Controlled Heater

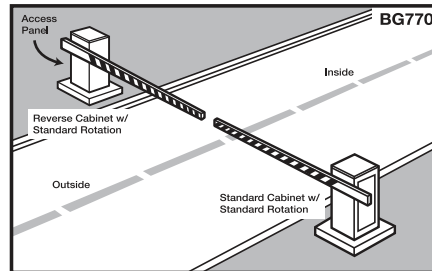
For use in extreme cold environments.

- 115V & 575V (G6518300)

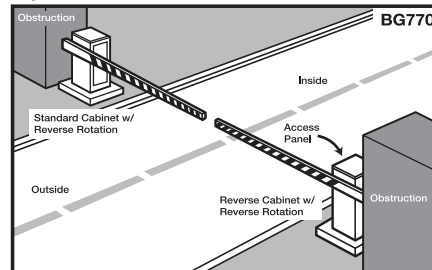
- 208V & 460V (G6519084)

CONFIGURATION OPTION

Standard



Optional Reverse Cabinet



SPECIFICATIONS

Operator Speed

Opens/Closes 90° in 4 seconds

Power

115/208/230 VAC,
Single Phase - 60Hz

Operator Weight

225 lbs.

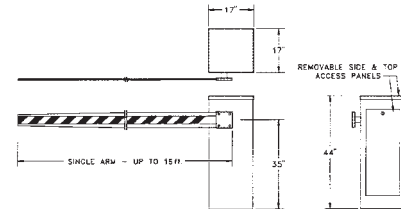
Accessory Power

One - 24VAC
One - 115 VAC (available only with the 115 V model)

UL Listed

UL 325 Listed-
Usage Class I, II, III and IV

Dimensions



Construction

Gear Reduction:

60:1 Wormgear Reducer in
Oil Bath

Motor:

1/2 Continuous-Duty

Metal Frame:

11-Gauge Pre-Galvanized Steel

RECOMMENDED CAPACITIES

HP	MAX GATE LENGTH (ft.)	MAX GATE WEIGHT (lbs.)	CYCLES / HOUR
1/2	15*	25	100

*PVC arm lengths of up to 15' are supported.

LiftMaster®

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