

INDUSTRIAL BARRIER GATE OPERATOR

BG770



INDUSTRIAL-DUTY BARRIER GATE OPERATOR WITH HEAVY-DUTY 1/2 HP COMMERCIAL MOTOR

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 lbs. Heavy 11-gauge steel weather-resistant cabinet with a durable baked-on powdercoated finish and a heavy-duty 1/2 HP industrial motor with overload protection supports 100 cycles per hour, making 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.

OPTIONAL ACCESSORIES

Dual Gate Capability

Supports the operation of 2 separate gate operators in unison at a single entrance, assuring consistent, simultaneous open/close cycle for both operators and is bi-part capable.

Timer To Close

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

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

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

SAMS Limit Switch Modification

This added limit switch enables the BG770 to be used in a Sequenced Access Management system. This system may include a single BG770 or a pair of BG770 barrier gates and any slide or swing gate operator equipped with a GL control board.

Single-Button Radio Modification

Allows you to use a radio control to both open and close the barrier arm.

To comply with UL325, installation of secondary entrapment protection devices is required with this operator. Ask your installer which safety device is correct for your application.

OPTIONAL ACCESSORIES

Reverse Cabinet Modification

In the event of an obstruction close by the barrier gate the cabinet can be reversed to allow access to cabinet door.

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 Arms

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

15 ft. Aluminum Arm

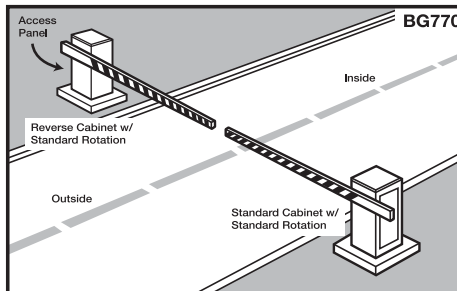
Square, yellow/ black stripes

Thermostatically Controlled Heater

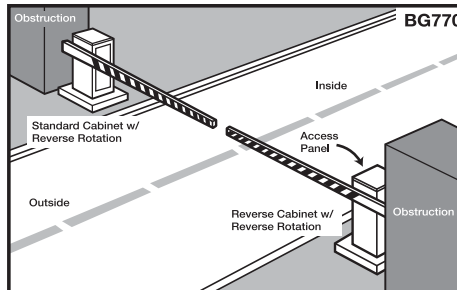
For use in extreme cold environments.

CONFIGURATION OPTION

Standard



Optional Reverse Cabinet



SPECIFICATIONS

Operator Speed

Opens 90° in 4 seconds

Power

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

208/230/460/575 VAC,
Phase - 60Hz

Accessory Power

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

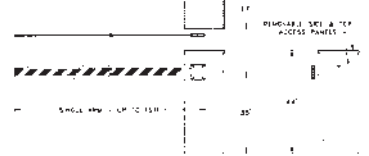
Operator Weight

225 lbs.

UL Listed

UL325 & UL991 Listed—
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 ^{1*}	25	100

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

2 YEAR WARRANTY

LiftMaster®

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I.C./F.C.C.
Certified

