

**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

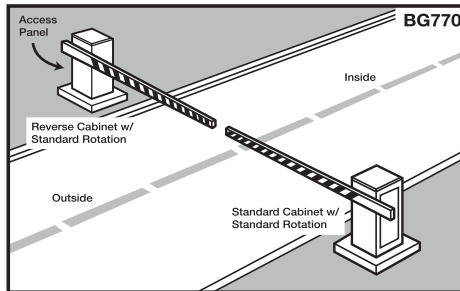
Square, yellow/ black stripes

### Thermostatically Controlled Heater

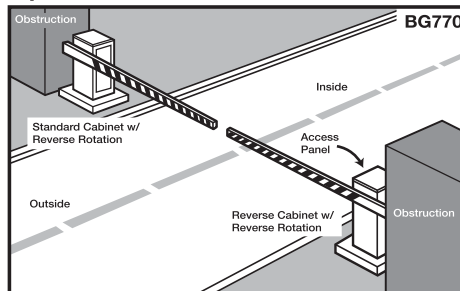
For use in extreme cold environments.

## 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)

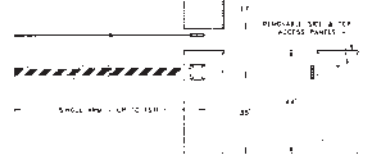
### Operator Weight

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*	25	100

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

### 2 YEAR WARRANTY

# LiftMaster®

THE CHAMBERLAIN GROUP, INC.  
845 Larch Avenue • Elmhurst, IL 60126  
[www.DEKCanada.com](http://www.DEKCanada.com)



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