

INDUSTRIAL BARRIER GATE OPERATOR

BG790



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

Reliable gear-driven barrier gate operator for heavy-duty industrial applications.

This barrier gate is designed for Wishbone-Type Arms with lengths up to 24 ft. Powdercoated weather-resistant steel enclosure and a 1/2 HP commercial motor to ensure strong, dependable performance.

LiftMaster®

BG790

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.

24 Ft. Wishbone Arm

Includes 24 ft. wishbone arm with black and white stripes and two counter weights.

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.

Flex Red Light Strip

10 ft. long.

Thermostatically Controlled Heater

For use in extreme cold environments.

OPTIONAL ACCESSORIES

Single-Button Radio Modification

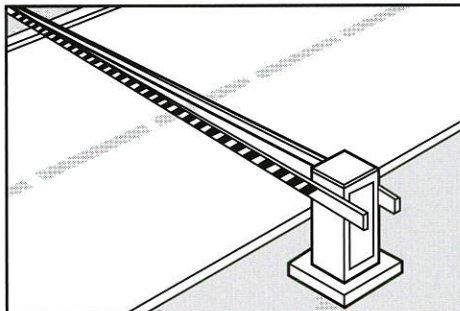
Allows you to use a radio control to both open and close the barrier arm.

Reverse Cabinet Modification

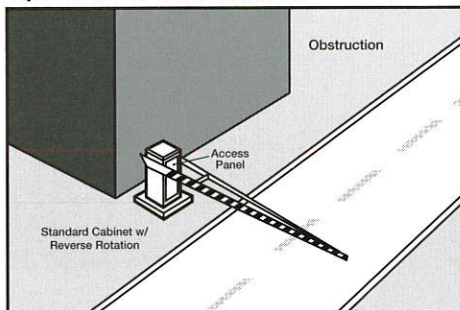
In the event of an obstruction close by the barrier gate the cabinet can be reversed to allow access to cabinet door.

CONFIGURATION OPTION

Standard



Optional Reverse Cabinet



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.

SPECIFICATIONS

Operator Speed

Opening time: 11 seconds

Power

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

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

Accessory Power

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

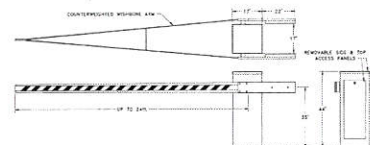
Operator Weight

350 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	24'	50	25

2 YEAR WARRANTY

LiftMaster®

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