

**VARIABLE SPEED INDUSTRIAL SLIDE GATE OPERATOR**

**VSL595**



**VARIABLE SPEED EXTREME  
INDUSTRIAL-DUTY SLIDE  
GATE OPERATOR**

**Designed for maximum security applications such as airports, manufacturing plants or other areas where securing an opening quickly is important.**

Capable of quickly ramping up to speeds as fast as 2.2 ft. per second, the extremely powerful design supports gate lengths up to 70 ft. and 1,700 lbs. Fully enclosed NEMA 3R oil-tight, weatherproof, lockable cabinet and a high-starting torque variable speed industrial DC motor ensures rugged and reliable performance. This model is ideal for the heaviest high security installations.

**Built-In Receiver**



Exclusive from LiftMaster®, a single remote control solution for gate access and additional access points.

**LiftMaster®**

# VSL595

## STANDARD FEATURES

### Variable Speed Motor Controller

Quickly ramps motor up to speeds as fast as 2.2 ft. per second.

### Inherent Obstruction Sensing

This unit's internal obstruction sensing system offers separate force adjustments for both the open and closed directions. If the gate strikes an obstruction, a closing gate will reverse to open and an opening gate will stop.

### External Obstruction Sensing

Input connections are provided for external contact and non-contact sensors, such as photo-eyes and edge devices.

### Advanced Dual Gate Operation

This convenient 2-wire system allows the operation of 2 separate gate operators in unison at a single entrance. This advanced system provides the added convenience of connecting accessories to either operator.

### Sequenced Access Management

The sequenced access management (SAM) system provides the capability to sequentially control the operator in tandem with a barrier gate.

### LED Indicators

Operator input, status and diagnostic LEDs simplify setup and troubleshooting.

### Control Inputs

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

### Digital Logic Control

Supports long-distance control wiring runs of over 1,000 ft., providing you greater flexibility of gate operator site placement.

### Warning Device

UL325-compliant entrapment warning alarm has the ability to be set for pre-operation warning. This will provide a 3-second warning prior to and during gate movement.

### Loop Detector Inputs

A full range of inputs are available to support exit, shadow and interrupt loop detectors.

**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.**

### External Alarm Reset Button

This allows for quick reset of the gate operator when the alarm has been activated.

### Maximum Run Timer

Protects against damage to the gate and operator by limiting the unit's run time to 120 seconds.

### Timer To Close

Adjustable timer can be set from 1 to 180 seconds. The unit will automatically reset upon receiving any additional open commands.

### Maglock Control

A dedicated control relay is provided to activate and deactivate an optional magnetic lock for securing the gate.

### Mechanical Braking

The mechanical braking system adds substantial gate position control at all points in travel. This solenoid-actuated brake system also prevents the gate from being back-driven.

### Limit Settings

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

### Surge & Spike Protection

Specially designed circuitry provides excellent protection from external spikes or surges.

### Manual Disconnect

Ensures that manual operation is possible during emergencies and maintenance work.

### NEMA 3R Enclosure

The VSL595 is housed in an oil-tight, weatherproof NEMA 3R cabinet which is lockable to prevent vandalism.

### Lockable Hinged Access Door

Weather-resistant, lockable, hinged design allows for easy access to the unit's electronics for installation or servicing needs.

### Integrated 3-Button Control Station

3-Button control station incorporated onto the outside of the control box to speed installation.

## SPECIFICATIONS

### Operator Speed

Up to 2.2 ft. per second

### Power

115 VAC,  
Single Phase - 60Hz

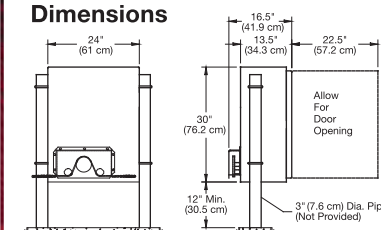
### Accessory Power

24 VAC

### Operator Weight

270 lbs.

### Dimensions



### Construction

Gear Reduction:

20:1 Wormgear Reducer

Motor:

1 HP Continuous-Duty DC

Metal Frame:

7-Gauge Pre-Galvanized Steel

Enclosure:

NEMA 3R Weatherproof, Lockable, Pre-Galvanized 16-Gauge Steel

Chain:

#50 Nickel-Plated (25 ft. supplied)

### RECOMMENDED CAPACITIES

| HP | MAX. GATE WT. (lbs.) | MAX. GATE WIDTH (ft.) (Overhead/V-Groove) | MAX. GATE WIDTH (ft.) (Cantilever) | CYCLES /HR. |
|----|----------------------|---|------------------------------------|-------------|
| 1  | 1700                 | 70  | 35                                 | 25          |

## OPTIONAL EQUIPMENT

Thermostatically Controlled Fin Type Heater

Auxiliary Contact Blocks

Remote Antenna Mounting Kit

Plug In Loop Detectors

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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