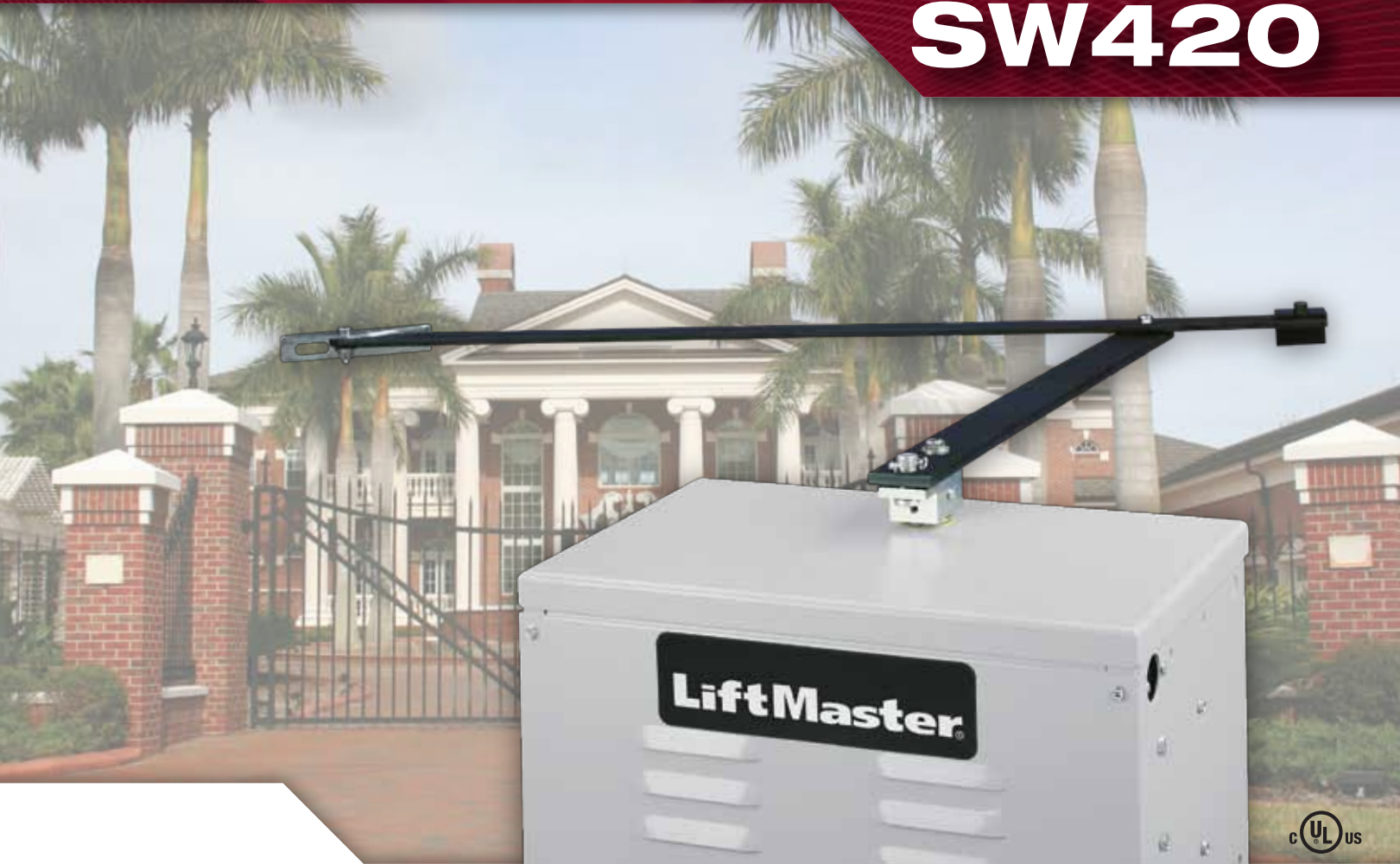


RESIDENTIAL SWING GATE OPERATOR

SW420



RELIABLE GEAR-DRIVEN SWING GATE OPERATOR

For residential applications.

This compact design supports gate lengths up to 12 ft. and gate weights up to 300 lbs. Powdercoated weather-resistant steel enclosure and a high-starting torque motor with built-in overload protection ensure strong, dependable performance. This model is ideal for residential installations and is UL325-compliant.

Built-In Receiver



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

LiftMaster®

SW420

STANDARD FEATURES

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.

Digital Logic Control

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

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, telephone entry systems, access control systems and radio receivers.

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.

Timer To Close

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

Maximum Run Timer

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

Maglock Control

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

Gear Drive Reduction

The wormgear 30-to-1 reduction unit is saturated in an oil bath for strong fluid motion of the operator.

Limit Settings

All driven limit cams 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.

Quick-release Disconnect

This quick-release arm ensures that manual operation is possible during emergencies and maintenance work.

Fold-down Access Door

A fold-down door is incorporated into the design to provide easy access to the electronics for programming and maintenance.

SPECIFICATIONS

Operator Speed

90° swing in 12 seconds

Power

115/230 VAC,
Single Phase - 60Hz

Accessory Power

One - 24 VAC

Operator Weight

110 lbs.

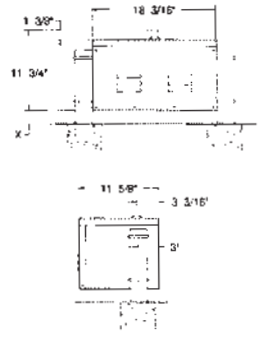
UL Listed

UL991
UL325: Class I, II, III and IV

Construction

Gear Reduction:
30:1 Wormgear in Oil
Motor:
1/3 HP High-Starting Torque
Metal Frame:
Pre-Galvanized Steel
Enclosure:
Weather-Resistant 14-Gauge Steel
Pre-Galvanized

Dimensions



Standard Post Mount shown
(Posts not supplied with operator)

DIMENSION	Post Mount	Pedestal Mount	Pad Mount
X	3" Min.	12" Max.	3"

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 EQUIPMENT

Auxiliary Limit Switches

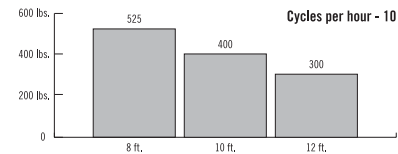
Pad Mount Kit

Post Mount Kit

Pedestal Mount Kit

Remote Antenna Mounting Kit

Recommended Capacities



2 YEAR WARRANTY

LiftMaster®

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www.liftmaster.com



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