

Sentex SW 470 "SWING"

The SW 470 is the ideal solution for light to medium duty gate applications needing to cover driveways of up to 12 feet and with a usage of 10 cycles per hour. This gate operator has been built to deliver years of dependable performance by utilizing a continuous duty high starting torque motor, with built-in overload protection and driven limit switches. This configuration reduces wear and tear on the operator as well as the gate.

What makes the SW 470 the ideal choice is the engineered features designed into each unit by SENTEX SYSTEMS. The rugged design includes the use of a heavy-duty oil-in-bath wormgear reducer, a pre-galvanized steel weatherproof enclosure and a steel output drive shaft. All of your preventative maintenance and service needs have been simplified by SENTEX SYSTEMS' attention to detail. We have incorporated a flip down entry panel to make the operator's gearbox and motor easy to reach. Also, the control panel can easily be removed making servicing of the SW 470 easy to work on and easier on you.

At SENTEX SYSTEMS, we understand the concerns associated with gate operation since gates include moving parts and powerful motors. For the concern of the installers, maintenance personnel and those utilizing gated installations, we have implemented the required guidelines of UL325. The updated Underwriters Laboratory (UL) 325 listing covers many areas of the gate installation. Most of the guidelines are focused on obstruction sensing and how the system reacts to an obstruction. SENTEX SYSTEMS' SW 470 has one sensitivity adjustment for detecting



SW 470

obstructions during opening and a separate adjustment for detecting obstructions during closing. If an obstruction is sensed the operator will stop and then back up, by a pre-determined distance, releasing pressure on the obstruction. This is just one of the many ways that the SW 470 provides you with maximum protection.

To complete a well-planned installation, demand a SENTEX SYSTEMS UL325 listed operator, and you will have the entire SENTEX SYSTEMS team behind you, a team built on our quality and customer service.

Sentex Systems has continued to exceed our customers' expectations through quality products, expert innovation, premium value and superior service. Having recently merged with Link Controls of New York and AccessMaster of Wisconsin (formerly Moore-O-Matic), now the Sentex name means even more to you.

SW 470 "SWING"

Full Systems Capability

The SW 470 can be used with a manual override switch installed at a guard station and/or a 3rd party access control system to permit visitor access. The open request from either system will initiate the appropriate cycle.

Maximum Run Timer

This self-learning circuit will automatically shut off the operator if the learned time is exceeded. For example, it will prevent the motor from continuously running if the chain is broken.

Secondary Obstruction Sensing

In addition to the primary obstruction sensing, the SW 470 operators provide for secondary obstruction devices such as photo eyes.

Obstruction Sensing Alarm

If the operator senses two obstructions during a single cycle, a separate loud audible alarm sounds to alert anyone in close proximity that assistance is required.

Multi-Gate Operation

If there is a requirement for two separate gate operators to operate in unison at a single entrance, the SW 470 can be configured as a master/slave and right/left operation to ensure consistent open and close cycle for both operators simultaneously.

Gate Movement Warning

For enhanced safety, a built-in warning alarm can sound three seconds before running and during the movement of the gate. This is a selectable item with the use of dip-switch settings.

Remote Device Connections

An external device, such as an exit request, may be connected up to 1000 feet from the operator to initiate the appropriate cycle.

Limit Switches

All driven limit switches are fully adjustable to add convenience to your installation and maintenance.

Left / Right Reversing Switch

The SW 470 provides a switch to set the operator to be used in a right or left hand configuration. This prevents you from having to make any modifications to the operator regardless of which side of the gate it is installed.

Delay on Reverse

When the gate has reached its maximum opening point, the SW 470 motor will delay the return momentarily to prevent shocking the motor.

Control Station

A three button (OPEN/CLOSE/STOP) control station is included pre-assembled with the unit for safety and manual operation.

On/Off Power

An On/Off power switch is included to make installation and servicing easier.

Timer to Close

An adjustable timer (1 – 220 sec.) is used to close the gate after a pre-determined time has expired. A "defeat" jumper is also included in the event the feature is not required.

Access Panel

The control panel on the SW 470 can be easily removed to provide for quick installation and maintenance.

Specifications

Power Ranges are available in 1/2 Hp:

Voltage	Hertz	Phase
115	60	1
230	50	1
230	60	1

Cycles:	10 per hr
Max. Length & Weight:	12 Feet @ 500lbs
Dimensions:	13 3/8" H x 22 1/4" W x 13 5/8" D
Warranty:	One Year
Listings:	UL325, Class I, II, III & IV

04/00

CHAMBERLAIN
Sentexsystems