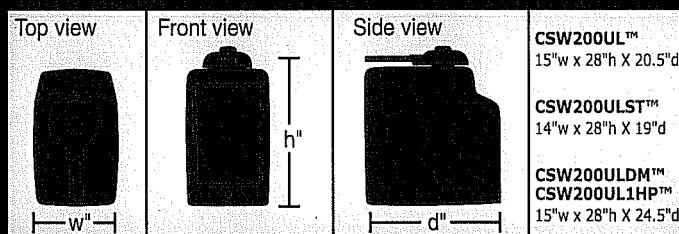


# CSW200UL™ MODELS

COMMERCIAL SWING  
GATE OPERATORS

## Dimensions



## Electrical Specifications

<b>MODULAR BOARD</b>	Uses LEDs to indicate all input and output functions of the gate operator.
<b>ERD</b>	If the gate hits a vehicle while closing, it re-opens. If it hits a vehicle while opening, it stops, reverses 4 to 6 inches and stops again.
<b>DIGITAL MOTOR PROTECTION</b>	Entrapment sensor shuts off the motor after it reaches the stall amp for 3 seconds; reverses direction for several inches and stops.
<b>ELECTRONIC INPUTS</b>	Radio receiver, key switch, safety loop, exit loop, telephone entry system, computer input, fire dept. key switch and 3 push button station.
<b>ELECTRONIC MOTOR DISCONNECT</b>	Prevents activation of the motor while under manual operation. Meets latest UL325 rev. 5 standards.
<b>TIMER</b>	Adjustable timer can be set from 0 to 60 seconds.
<b>POWER INPUT ON/OFF SWITCH</b>	Controls power input to the board with convenient switch.
<b>POWER MANAGEMENT</b>	Board includes electronic power management with over-current shutdown and automatic recovery.
<b>MAGNETIC LOCK</b>	With Omni Option board, magnetic lock system is incorporated, allowing you to easily add the (MG1300) electromagnetic locking system to the gate.
<b>BURGLAR ALARM</b>	With Omni Option board, interfaces with existing home alarm or alarm output.
<b>3 PUSH BUTTON CONTROL</b>	On-board gate operator control for close, stop and open.
<b>INTELLIGENT MASTER/SECOND</b>	Precise, synchronized movement and communication between two gate operators using 3-wire RS485 bi-directional technology.
<b>SURGE SUPPRESSOR</b>	20,000 amps and near lightning protection with modular Omni surge suppressor. Initial response time: 0.000000000001 second.
<b>ALTERNATE OUTPUTS</b>	With Omni Option board 3 push button command control, burglar alarm input and output. QCC option available.
<b>GATE TRAVELING TIME</b>	Adjusted by a precision mechanical device and electrical limit switch system.
<b>SOFT STOP</b>	Gate travels through the cycle at normal speed and comes to a stop slowly for more accurate gate cycle. Equipped with integrated time delay for long mechanical life expectancy.
<b>INTEGRATED LOOP DETECTORS</b>	Easy to install, modular, plug-in loop detector inputs for exit loop and safety loop.
<b>120V AC POWER</b>	Built-in 120V AC power receptacle (NEMA 5-15).
<b>MOTOR DRIVE</b>	Solid-state electronic motor drive system is incorporated into board.
<b>RADIO RECEIVER</b>	Includes a built-in 312MHz radio receiver for use with DIP switch, billion code and Security+® remote controls. Allows for one LiftMaster® remote control to conveniently open the gate and additional access points.
<b>ALARM</b>	Activates anytime the moving gate is physically stopped by an obstruction.

## Mechanical Specifications

<b>CHASSIS</b>	Constructed with 1/4" sanded, welded and gold zinc-plated sheet metal.
<b>WORMGEAR REDUCTION</b>	Two 30-to-1 wormgear reducers in an oil bath.
<b>COVER</b>	High-density polyethylene plastic for excellent heat and corrosion resistance.
<b>FINISHING</b>	All metal parts are gold zinc-plated for rustproof protection.
<b>EMERGENCY RELEASE</b>	Release handle is standard. Best option is our DC2000™.
<b>OUTPUT SHAFT</b>	2-1/2" cold rolled steel.
<b>GATE TRAVELING SPEED</b>	90° opening in 13-15 seconds.

## Available Models

CSW200UL™ and CSW200ULST™	
<b>MOTOR</b>	1/2 HP, instant reversing, 120V AC, 4 amp, 1,625 rpm, high-speed ball bearings.
<b>CYCLES</b>	Capable of 75 cycles per hour.
<b>CAPABILITIES</b>	Maximum gate length 18'. Maximum gate weight 600 lbs.
<b>SHIPPING WEIGHT</b>	CSW200UL™ - 175 lbs. / 194 lbs. - CSW200ULST™
CSW200ULDM™	
<b>MOTOR</b>	Equipped with two 1/2 HP, instant reversing, 120V AC, 4 amp, 1,625 rpm, high-speed ball bearings. One motor opens the gate, the other closes it.
<b>CYCLES</b>	Capable of continuous cycles.
<b>CAPABILITIES</b>	Maximum gate length 18'. Maximum gate weight 800 lbs.
<b>SHIPPING WEIGHT</b>	199 lbs.
CSW200UL1HP™	
<b>MOTOR</b>	Equipped with two 1/2 HP gate motors that work together equaling one horsepower.
<b>CYCLES</b>	Capable of 60 cycles per hour.
<b>CAPABILITIES</b>	Maximum gate length 20'. Maximum gate weight 1,000 lbs.
<b>SHIPPING WEIGHT</b>	199 lbs.

**7-Year Warranty**  
Single home application

**5-Year Warranty**  
Commercial application

 **UL325 UL991**  
compliant compliant

**CHAMBERLAIN®**  
**ELITE™**

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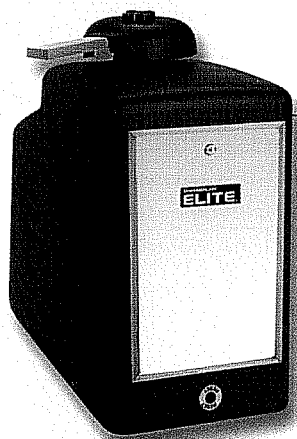


## **CSW200UL™ and CSW200ULST™** **High-traffic commercial swing gate operators**

CSW200UL™ operators are ideal for high-traffic applications such as gated communities and commercial buildings. Two available models each have identical performance features with a choice of exterior covers. The CSW200UL™ offers a 1/4" thick, unbreakable polyethylene cover for long-lasting protection. The CSW200ULST™ offers a heavy-duty, 16-gauge stainless steel cover finished with an embossed architectural design. Capabilities include 75 cycles per hour on gates weighing up to 600 lbs. and up to 18 ft. in length.

## **CSW200ULDM™** **High-traffic/high-temperature commercial swing gate operator**

Unlike any other swing gate operator, the CSW200ULDM™ features a patented dual motor drive system for superior performance in hot weather climates such as desert environments. Engineered for high-traffic commercial applications, the unit is designed to perform without overheating, using one motor to open the gate and the other to close it. Capabilities include continuous operation with gates weighing up to 800 lbs. and up to 18 ft. in length.



## **CSW200UL1HP™** **Heavy-duty, one-horsepower commercial swing gate operator**

The CSW200UL1HP™ is our most powerful swing gate operator. Equipped with two 1/2 HP motors and a heavy-duty, 900:1 double transmission, it is the perfect choice for large, heavy wrought-iron gates. With 250 lbs. of pulling torque, the unit is capable of 60 cycles per hour on gates weighing up to 1,000 lbs. and up to 20 ft. in length.

### **Advanced safety and performance engineering**

The OmniControl™ board provides enhanced, reliable performance that meets or exceeds all UL325 and UL991 specifications. Exclusive to Elite™ commercial gate operators, this board ensures the equipment you install includes the latest requirements and most advanced technology in the industry. Additional performance benefits include easy access to all inputs and outputs, solid-state motor control, spike suppressors and integrated safety alarm that put Elite™ commercial gate operators in a class by themselves.

