PRODUCT SPECIFICATION

# RSW2500

# SWING GATE OPERATOR

Residential / Light Commercial




## List Of Parts in Kit

- 2 RSW2500 Column Mount Operators
- 1 Control Panel with Control board
- 1 Dual Channel Radio Receiver with 2 One Button Remotes
- 1 Reflective Photo Eye with Adjustable Eye
- 4 Keys
- 2 Safety Warning Signs (metal)
- 2 Arms with nuts & Bolts
- 2 Arm Gate attachment
- 2 Allen wrenches for Limit Switch adjustment
- 1 Long Range Antenna

## FEATURES

**Automatic Close Function**
Gate closes automatically after you drive through, with an adjustable delay before closing.

**Multi-Device Support**
Controls two motors for double-leaf gates; supports two photocells (inside and outside), electric lock, flash lamp, and an open command switch for wall buttons, keypads or intercoms.

**Obstruction Rebound (Anti-Crush)**
If the closing gate hits an object, it stops and reverses open. Adjustable obstruction sensitivity.

**Safety Light Integration**
If the safety beam is broken while the gate is closing, the gate immediately stops and opens.

**Automatic Learning Procedure**
Run the gate once during setup to learn its travel limits and opening/closing time (5–120 seconds).

**Manual Emergency Release**
Allows manual gate movement with power off.

## SPECIFICATIONS

| | |
|---|---|
| Model | RSW2500 |
| Input Power | 120V AC, 60Hz |
| Motor Voltage | 24V DC |
| Current | 15A max. |
| Max. Power | 180W |
| Opening 90° Time | 16–45 seconds |
| Use Frequency | Residential |
| Max. Torque | 350 ft-lbs |
| Operating Temperature | -58°F to +131°F |
| Max. Gate Width (Each Leaf) | 12 ft |
| Max. Gate Weight (Each Leaf) | 800 lbs |
| Protection Class | IP54 |

## OPERATING INFORMATION

| | |
|---|---|
| Gate Type | Double Leaf Swing Gate |
| Power Supply | 120V AC / 24V DC (Transformer Included) |
| Backup Battery | 24V DC (Optional) |
| Automatic Close Delay Time | 5 to 120 seconds (Adjustable) |
| Limit Type | Built-in Mechanical Limits |
| Obstruction Detection | Electronic Clutch with Adjustable Sensitivity |
| Safety Beam Input | 2 Photocells (Inside & Outside) |
| Accessories Supported | Electric lock, flash lamp, open command switch / keypad / intercom |
| Learning Mode | Yes – Automatic Travel Learning |

### OPERATOR DIMENSIONS

