

# S-2 shutter





# S-2 Shutter



When high-security is a priority, Alumatec Pacific Products offers the protection of the S-2 aluminum shutter. Manufactured using solid aluminum slats, this style of shutter aids in air flow control, minimizes visibility, and increases reach-through security. The S-2 shutters are an ideal choice for use in stadiums, schools, hospitals, high-end retailers and any other interior or exterior applications. These roll-up shutters are both functional and aesthetically pleasing; promising to blending well with any building design.

## Standard Features:

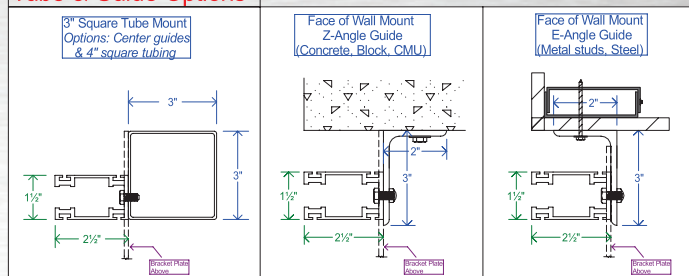
- 100% enclosed curtain.
- Solid aluminum interlocking slats.
- Accommodates openings up to 28' wide and 20' tall.
- Optional vision windows (safety glass or polycarbonate).
- Motors are recommended on openings over 150 square feet.



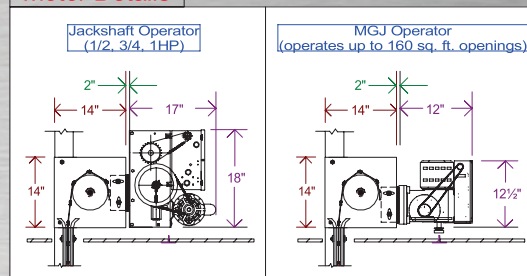


# Design Specifications

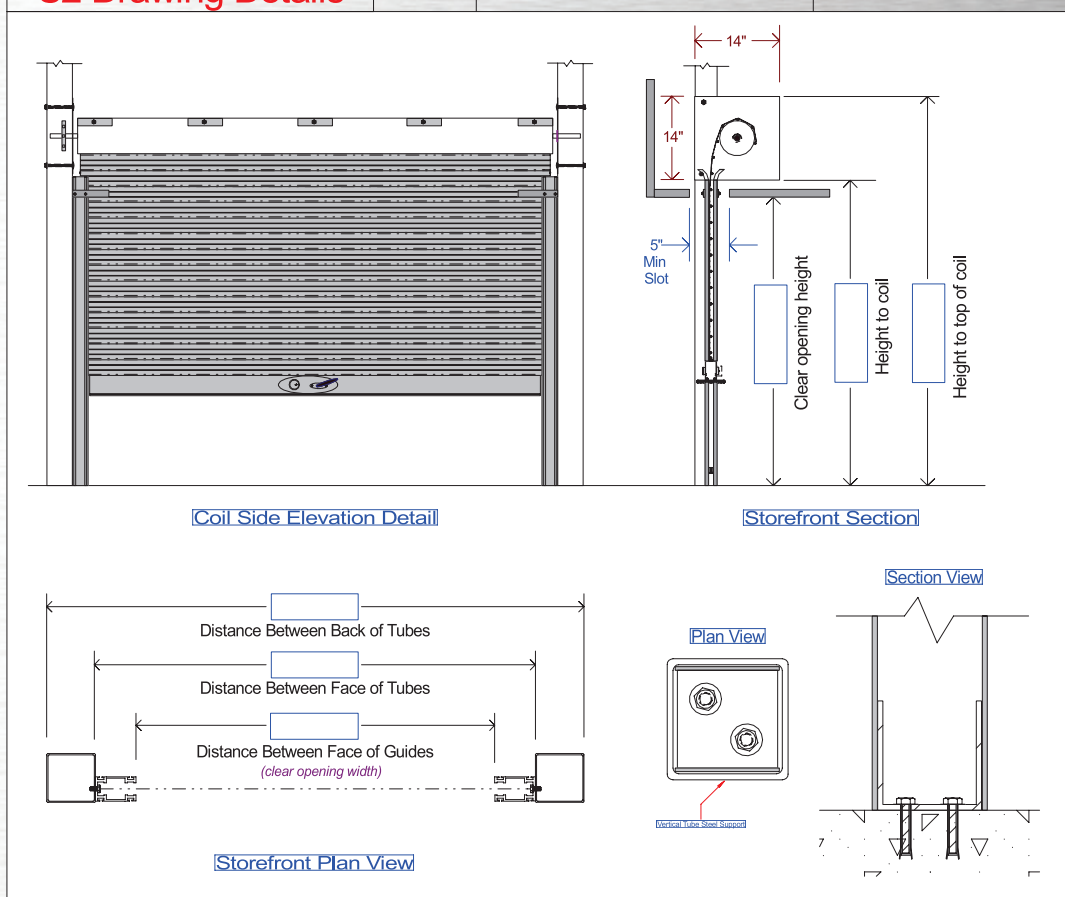
## Tube & Guide Options



## Motor Details



## S2 Drawing Details



## Available Finishes

	Clear	Bronze	Black	White	Red
Aluminum Curtain	Standard	Custom	Custom		
Bottom Bar & Guides	✓	✓	✓	✓	✓

\*\*See our website for complete choice of Powder Coat color options\*\*

## Alumatec Pacific Products Model: S-2 (Solid Shutter Roll-Up)

### **PART 1 GENERAL**

#### **1.1 SUMMARY**

- A. Aluminum rolling shutter manufactured by **Alumatec Pacific Products** is as shown on this submittal.
- B. Design, construction and preparation of openings, access panels, field wiring, wire conduit, fuses, disconnect switches, finish or field painting are excluded (unless powder coat finish is provided).

#### **1.2 SYSTEM DESCRIPTION**

- A. Rolling shutters are designed for standard cycle usage, with 25,000 cycle life spring and bearing assemblies.

#### **1.3 WARRANTY**

- A. Limited (see warranty sheet) Two years from date of shipment – warranty does not apply to finishes.

### **PART 2 PRODUCTS**

#### **2.01 MANUFACTURER**

- A. **Alumatec Pacific Products:** 1155 West 500 North, Centerville, UT 84014 – [www.alumatecpp.com](http://www.alumatecpp.com)

- B. **Sales Department:** 801-298-0181 ext. 1 or toll free 877-770-0181 ext. 1

#### **2.02 MATERIALS**

- A. **Curtain** is assembled from horizontal extruded aluminum interlocking solid slats, from .060 gauge pure US billet aluminum. Standard finish to be commercial clear Satin anodized. Extruded interlocking hinge system every 3½" on vertical centers. Curtains interlocking slats married by #10 SMS with USS fender washer at each end of slat. (Wind lock USS washers standard on every 6th slat for exterior applications).

- B. **Bottom Bar** is a rectangular shape extruded from 6063-alloy aluminum, attached to the bottom of the curtain.

- C. **Barrel** is steel tubing or pipe, 6" minimum diameter, to contain counterbalance assembly and support the curtain with a maximum deflection of 0.03 per ft. of width. Counterbalance assembly consists of coil tempered helical torsion spring(s) mounted on a cold rolled steel shaft, rotating through a sealed bearing. Welding is not to be used to attach plug to barrel at spring end. Spring tensions adjustable by a tension wheel outside of bracket.

- D. **Brackets** are steel plates, 3/16" minimum thickness, bolted to guides, to support barrel. Bracket on operator side is fitted with a flange or sealed roller bearing.

- E. Guides are rectangular shapes extruded from 6063-alloy aluminum, formed to retain curtain and fitted with wool pile strips. Guides are attached to jambs with ¼" minimum bolts spaced not more than 24" on center. Removable and adjustable curtain stops are provided on guides at pre-determined stop height.

- F. **Operation** is as indicated:

- ☐ PUSH-UP – Lifting up/pulling down door with handles and foot step on the bottom bar.
- ☐ CHAIN – Endless hand chain on a chain sprocket operating reduction gears.
- ☐ AWNING CRANK- Removable handles operating a bracket-mounted gearbox or reduction gears.
- ☐ MOTOR – Push button, key, or remote activation of an electric operated, as shown on this submittal.

- G. **Locking** is as indicated:

- a. ☐ CYLINDER LOCK on the bottom bar (double throw-bolt activated by center thumb turn or key, operable from inside, outside, or both sides of door, as indicated and shown on this submittal).
- i. ☐ Keyed Cylinder Exterior ☐ Thumb-Turn Cylinder Interior or ☐ Keyed Cylinder Inside
- ☐ Standard Schlage Keyway cylinder
- ☐ Best interchangeable core cylinder (Medeco, KeyMark, Falcon, etc.)
- ☐ SELF-LOCKING (through the gear reduction of the motor operator).

#### **2.03 FINISHES**

- A. Aluminum curtain finish as indicated:

- ☐ Clear Anodized (standard) ☐ Black Anodized ☐ Bronze Anodized ☐ RAL # \_\_\_\_\_

- B. Bottom bar, Bottom bar cap/flange plate, and guides finish as indicated:

- ☐ Clear Anodized ☐ Black Anodized ☐ Bronze Anodized ☐ RAL # \_\_\_\_\_

- C. Exposed steel surfaces are painted with a rust-inhibiting gray or black primer on exterior applications.

### **PART 3 EXECUTIONS**

#### **3.01 INSTALLATION**

- A. Doors are to be installed in accordance with Alumatec Pacific Products installation instructions and by authorized, and certified professional Alumatec Pacific Products door dealer.



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