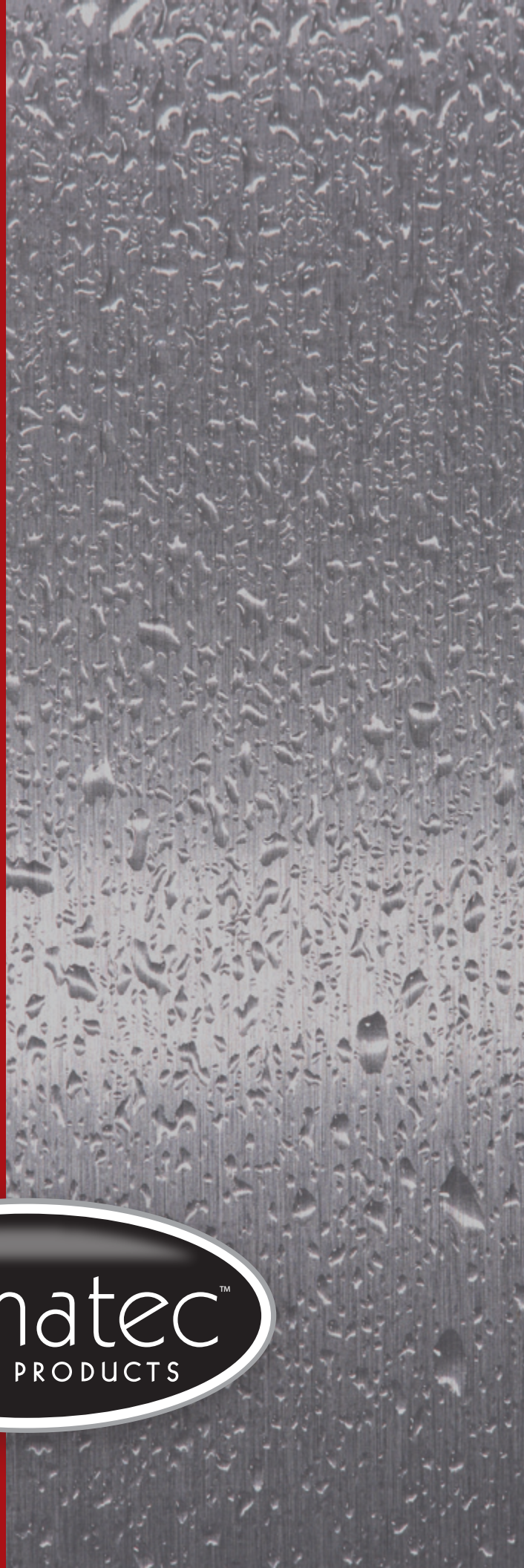


PFR

Perforated Rolling Shutter

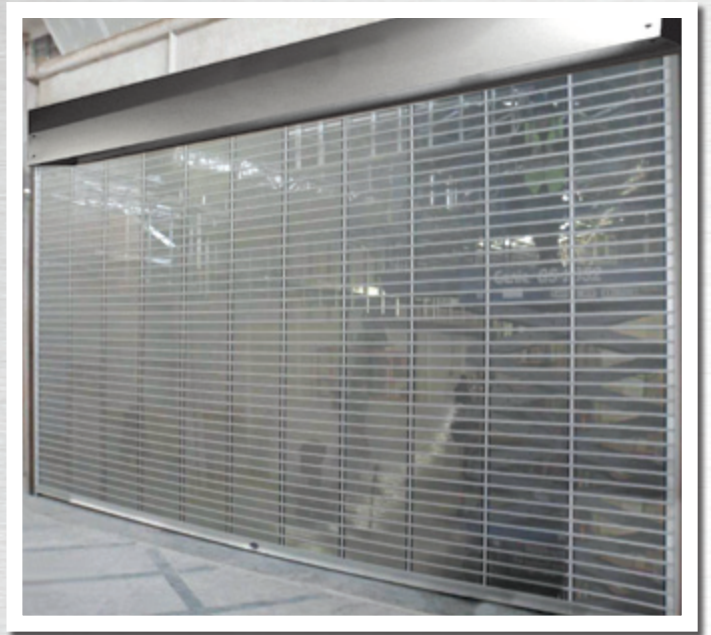


PFR

Perforated Rolling Shutter



Alumatec Pacific Products model PFR rolling shutter offers a perfect combination of visibility and airflow without compromising storefront security. Manufactured with perforated aluminum slats, the PFR provides the high-end style of protection desired by elite retailers. Each shutter is designed to withstand reach-through theft and vandalism for any interior or exterior application.

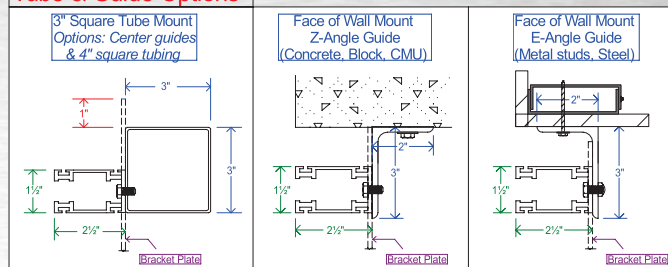


Standard Features:

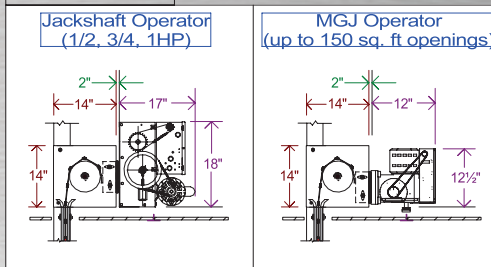
- 093" aluminum sheeting with slotted BB holes at 1/4" round.
- Perforations patterned for 53% transparency and airflow.
- Perforations patterned for 60% transparency.
- Choice of operation: manual push-up/pull-down, reduced drive chain hoist, or hand crank.
- Motors are recommended on openings over 135 square feet.

Design Specifications

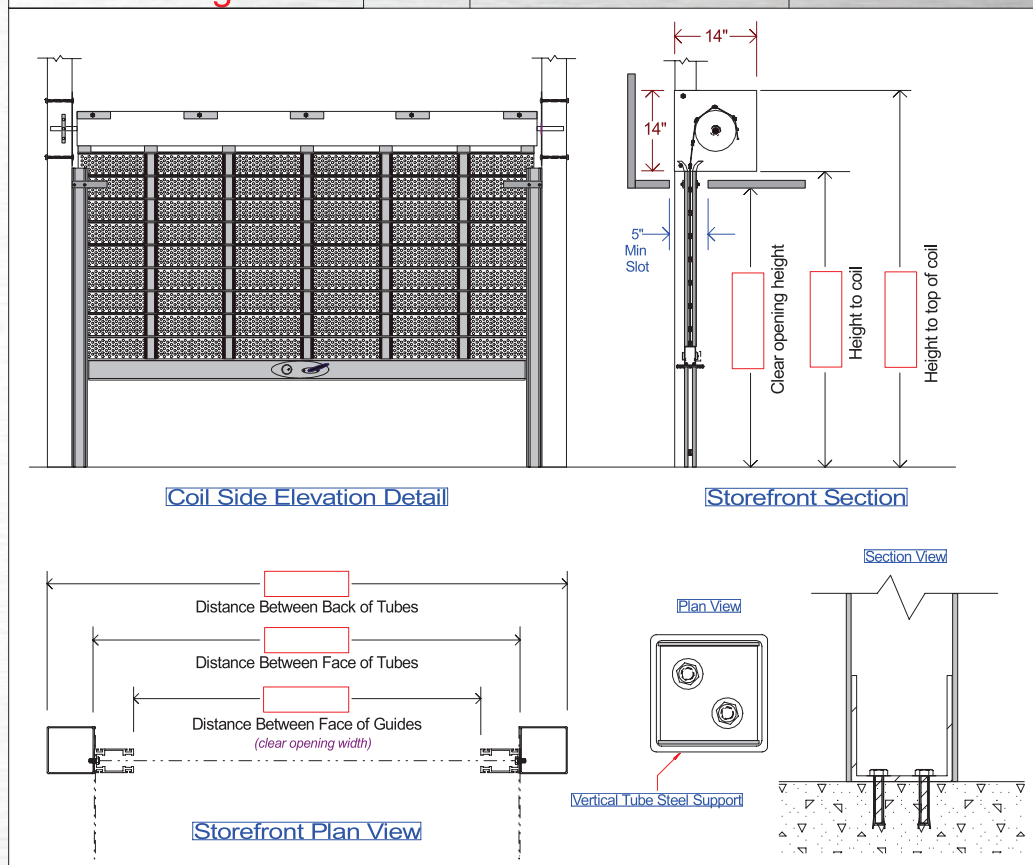
Tube & Guide Options



Motor Details



PFR Drawing Details



Available Finishes

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

See our website for complete choice of Powder Coat color options

Alumatec Pacific Products Model: PFR (Perforated 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. Two years from date of shipment (see warranty sheet separate from spec sheet) – 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
- B. **Sales Department:** 801-298-0181 ext. 1 or toll free 877-770-0181 ext. 1

2.02 MATERIALS

- A. **Perforated Aluminum Curtain:** Bars, rods and extrusions to be 6063 alloy aluminum, T5 tempered.
- a. Horizontal rods to consist of extruded aluminum, 7/8" x 1/2" horizontal hinge system spaced at 3" on center.
 - b. Perforated panels to consist of .093" aluminum sheeting, with slotted BB holes at 1/4" round, spaced to allow 60% transparency. Window pattern at 31" wide x 3 1/2" high.
- 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, 8" 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. Spring tensions adjustable by a tension wheel outside of bracket.
- D. **Brackets** are steel plates, 3/16" minimum thickness by 14" minimum square and bolted to support steel, to support and house the barrel. Bracket on operator side is fitted with a flange or sealed roller bearing.
- E. **Hood** is formed from sheet with stiffening flange on top and bottom to limit deflection.
- a. ☐ 24 gauge electro-galvanized steel (paint-ready)
 - b. ☐ 24 gauge electro-galvanized steel (powder-coated RAL# _____)
 - c. ☐ .040 clear anodized aluminum
- F. **Guides** are rectangular shapes extruded from 6063-alloy aluminum, T5 tempered, formed to retain curtain and fitted with wool pile strips. Guides are attached to jambs with 1/4" minimum bolts spaced not more than 24" on center. Removable curtain stops are provided.
- G. **Operation** is as indicated:
- ☐ PUSH-UP – Lifting up/pulling down door with handles 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.
- H. **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 Inside or ☐ Keyed Cylinder Inside
 - ☐ Standard Schlage Keyway cylinder
 - ☐ Best interchangeable core cylinder (Medeco, KeyMark, Falcon, etc.)
 - ☐ Medeco (Series 32) 6 pin interchangeable core cylinder
 - b. ☐ SELF-LOCKING (through the gear reduction of the motor operator).

2.03 FINISHES

- A. Aluminum curtain finish as indicated:
- ☐ Mill Finish (standard) ☐ Clear Anodized ☐ Black Anodized ☐ Bronze Anodized
- B. Bottom bar:
- ☐ Clear Anodized (standard) ☐ Black Anodized ☐ Bronze Anodized ☐ Powder: RAL# _____
- C. Bottom bar cap/flange plate, and guides finish as indicated:
- ☐ Clear Anodized (standard) ☐ Black Anodized ☐ Bronze Anodized ☐ Powder: RAL# _____
- D. 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 door dealer.



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