

FOUR-FOLD DOORS



Model SP4F Four-Fold Doors, Shown in White



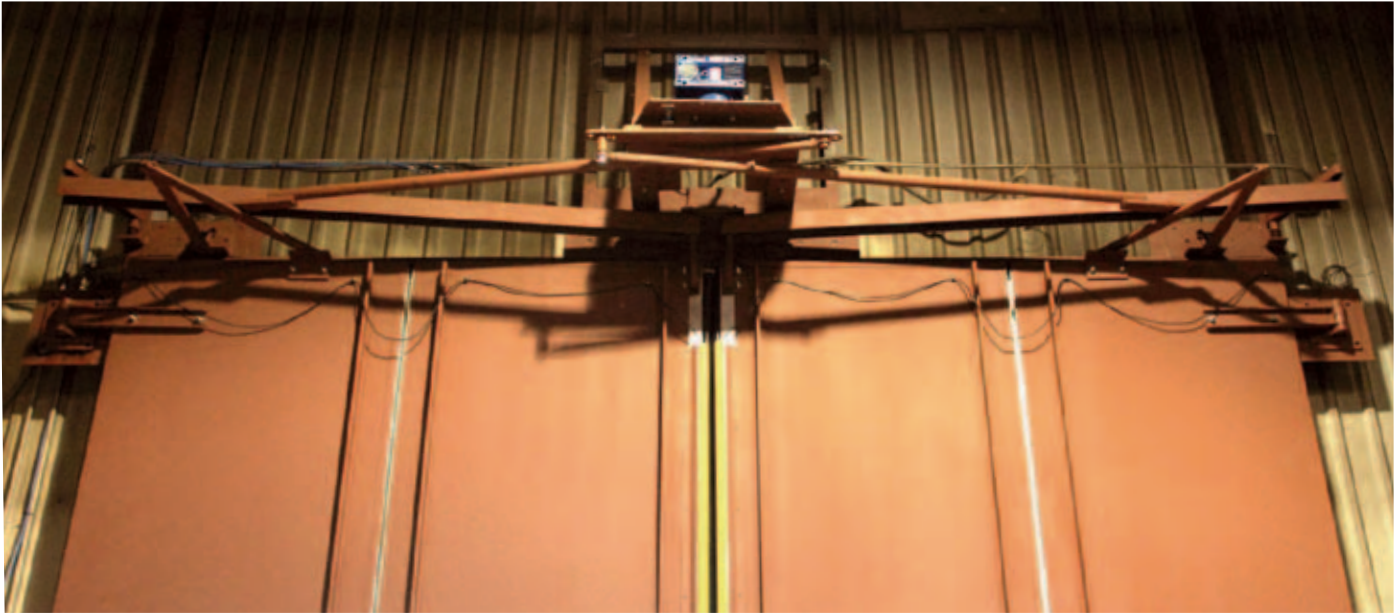
FEATURES

- Designed for speed, four-fold doors can open at a rate of approximately 24" (61 cm) per second, minimizing heating and cooling losses and reducing waiting time critical in fast pace environments.
- Horizontal movement allows the door to be visible throughout opening travel, resulting in less possibility of being struck by moving traffic.
- Standard maintenance is minimized with few moving parts and heavy duty construction.
- Designed for longevity, door and opener components have been tested up to 1 million cycles.
- In case of power failure, manual operation is quick and easy with the simple pull of a cord.

APPLICATIONS

- Agricultural Facilities
- Automotive Dealerships
- Automotive Wash Bays
- Correctional Institutions
- Mass Transit Facilities
- Municipal Buildings
- Parking Facilities
- Public Work Departments
- Specialty/Custom Designs

FOUR-FOLD DOORS



Door Construction – Doors are constructed of an 11 gauge structural steel tube frame and 18 gauge steel sheeting formed around vertical edges to provide smooth aesthetic finish. Sheeting is bonded to a 1-1/2" (38.1 mm) extruded polystyrene core.

Finish – Structural red steel primer, allowing for customized job site finishes. Finish painting available.

Header Mounting Plates – Factory attached operator supports, track supports and operator linkage to steel mounting plates. Mounting plates are designed to anchor to masonry header or welded to steel header.

Vision Lites – Standard 1" (25.4 mm) insulated low-e glass for optimal energy efficiency. Customized layouts to meet your design criteria including arched frames.

Safety Edges – Electric edges are available with wireless edge technology.

Weatherstripping – Adjustable and easily replaceable center weatherstripping is 1/16" (1.6 mm) EPDM rubber. Sill weatherstripping is brush type with clear anodized aluminum retainers, both interior and exterior. Weatherstripping at folds shall be closed cell rubber.

Perimeter Seal/Weatherstripping – Brush type seal with clear anodized aluminum retainers field-fastened to jambs and headers.

Operation – Overhead mounted, electromechanical drive unit consisting of an electric motor, gear reducer and rotating drive arm. The door shall be operated with connecting rods attached to the rotating drive arm on the operator and to control arms attached to the jamb door section and to the door lintel. The connecting rods shall be positive drive, keeping the door under firm control at all times. The connecting rods shall be fitted with spherical bearings and control arms equipped with oil impregnated bronze bearings on polished shafts.

Operator is instantly reversible, open and close rapidly and start and stop gradually. Adjustable operator allows the door to fully clear the opening. Operator automatically locks the door in the closed position. Manual override allows the doors to be opened manually in the event of power loss.

Operator motor is available in single phase or 3 phase configurations. 110, 208, 260 and 480 volt, 60 Hertz operation, sufficient to operate doors under normal condition with no more than 75% of rated capacity.

Controls – Electric UL325 compliant controls built in accordance with NEMA standards. Circuits not to exceed nominal 24 volts.

Vision Panels – Glass shall be 1" (25.4 mm) insulated consisting of 1/4" (6.4 mm) clear tempered glass, 1/2" (12.7 mm) airspace and 1/4" (6.4 mm) clear tempered glass with Sungate® 500 low-e coating from PPG.

Custom panel designs including vision lites, grilles, decorative paneling, wood/composite cladding.

Safety and Automation – Fully customizable controls and safety inputs including interior/exterior photo eyes, presence/motion sensors, and loop detectors for complete worry-free automation.

Precision Hinges and Hardware – Designed for high cycle and precise movement.

Warranty – 3 year limited construction.

DISTRIBUTED BY:

For special applications and options, consult Commercial Information Assistance (CIA) at 1-800-526-4301, option 3.



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