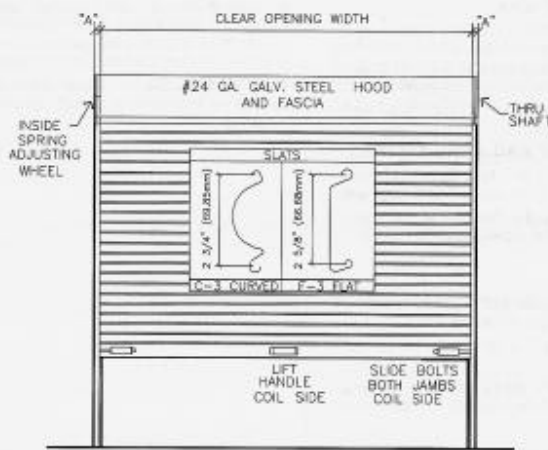


# COILING SERVICE DOORS—MODEL S12\*

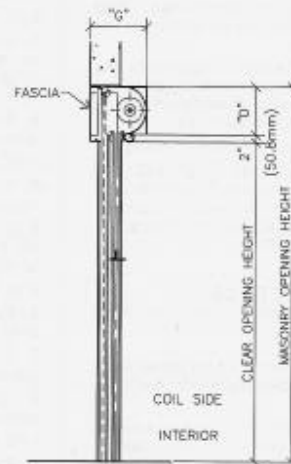
08330/ATL  
Buyline 0371

- Manually operated
  - Interior between jamb mounted
  - Standard, not weatherstripped
- For weatherstripped doors see Model S16.

- \*Suffix letters indicate material and/or finish of curtain.  
For alternate material or finish of curtain see Optional Features.
- GS Galvanized without baked-on finish coat
  - PS Galvanized with baked-on finish coat
  - MA Mill finish aluminum
  - AA Clear anodized aluminum
  - DA Bronze aluminum
  - ST Stainless steel



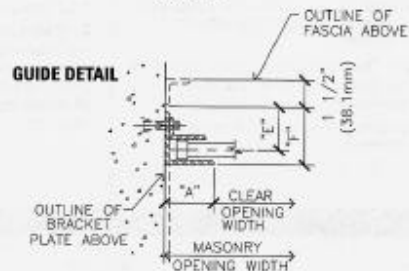
**COIL SIDE ELEVATION**  
RIGHT HAND OPERATION AS SHOWN  
LEFT HAND OPERATION IS OPPOSITE AS SHOWN



**SECTION**

Maximum size recommended is 80 sq. ft. (7.43 m<sup>2</sup>) or 8'-4" (2540 mm) high.

Where clearances are critical, dimensions shown can be reduced.  
Consult Technical Services.



**atlas door™**

# COILING SERVICE DOORS—MODEL S12PS

08330/ATL  
Buyline 0371

## SPECIFICATIONS

### PART 1 GENERAL

#### 1.01 Section Includes

**A. Type:** Coiling Service Doors are to be Atlas Door™ Model S12PS as manufactured by Copay Building Products Company, Inc.

**B. Operation:** To be manual push-up.

**C. Mounting:** To be interior mounted between jambs and under lintel in a prepared opening.

#### 1.02 Related Work

**A.** Opening preparation, miscellaneous or structural steel, access panels, finish or field painting are in the scope of the work of other sections or trades.

**B.** Submit manufacturer's product data and installation instructions for each type of coiling door. Include both published data and any specific data prepared for this project.

#### 1.03 Single-Source Responsibility

**A.** Provide doors, guides, motors, and accessories from one manufacturer for each type of door. Provide secondary components from source acceptable to manufacturer of primary components.

### PART 2 PRODUCT

#### 2.01 Curtain

**A. Slats:** Cold roll-formed in continuous lengths of galvanized steel interlocked to form curtains.

**B. Endlocks:** Each end of alternate slats to be fitted with endlocks to act as a wearing surface in the guides and to maintain slat alignment.

**C. Windload:** Door construction designed to satisfy windload of 20 PSF (0.96 kPa) or 87 MPH (140 KPH).

**D. Gauge:** Thickness of slat material to be as required by width of opening and wind-loading conditions.

**E. Galvanizing:** Zinc-coated in accordance with ASTM A653.

**F. Bottom Bar:** Curtain to be reinforced with a bottom bar consisting of two steel angles.

#### 2.02 Spring Counterbalance

**A. Counterbalance:** Housed in a steel pipe of diameter and wall thickness to restrict maximum deflection to .03" per foot (2.5 mm/m) of door width.

**B. Springs:** To be helical torsion type designed to include an overload factor of 25% and for optimum ease of operation. Springs are to be grease-packed and are to be mounted on a cold rolled steel inner shaft.

**C. Spring Tension:** Adjustable from outside of end bracket plate.

**D. Ball Bearing:** Sealed, to minimize wear of pipe shaft rotation around inner shaft.

#### 2.03 Bracket Plates

**A. Bracket Plates:** Carrying pipe counterbalancing shaft are to be no less than 1/4" (6.35 mm) thickness and to house ends of door coil. Shape of plate to be square.

**B. Drive End Bracket Plate:** Fitted with a sealed ball bearing.

#### 2.04 Guide and Wall Angle Assembly

**A. Guides/Wall Angles:** Structural steel angles of 1/4" (4.76 mm) minimum thickness.

**B. Depth of Guide:** To provide adequate slat penetration to satisfy specified wind-loading.

#### 2.05 Hoods

**A. Hoods:** To house coil are to be fabricated of #24 U.S. Gauge galvanized steel.

**B. Reinforcing:** To be laterally reinforced to prevent sag.

**C. Intermediate Hood Supports:** Furnish where door width exceeds 16'-0" (4877 mm).

#### 2.06 Locking

**A. Slide Bolts:** On bottom bar suitable for padlocking (padlocks by other).

#### 2.07 Finish

**A. Galvanized Surfaces:** Slats and hood (etc.) galvanized. Baked-on gray or tan coat of epoxy-modified polyester on slats and hood. Shop coat of rust-inhibiting metallic primer on all remaining ungalvanized surfaces, except bearings.

**B. Ungalvanized Surfaces:** Shall consist of a shop coat of rust-inhibiting metallic primer (gray) (brown) on exposed ferrous surfaces, except bearings.

### PART 3 EXECUTION

#### 3.01 Examination

**A.** Verify that dimensions are correct and project conditions are suitable for installation. Do not proceed with installation until unsatisfactory conditions have been corrected.

#### 3.02 Installation

**A. Installation:** To be by authorized Atlas Door representative and in accordance with Atlas Door standards and instructions.

**B.** Submit manufacturer's product data and installation instructions for each type of coiling door. Include both published data and any specific data prepared for this project.

**Note to Specifiers...** Please see end of this section for frequently specified Optional Features.

Clear Opening Height	"D"	"G"	"E"	"F"	Clear Opening Width	"A"
to 9'-1" (2769 mm)	16" (406.4 mm)	18" (457.2 mm)	3" (76.2 mm)	3 1/2" (95.3 mm)	to 12'-4 1/2" (3781 mm)	3" (76.2 mm)
Over 9'-1" (2769 mm)	Consult Technical Services		Consult Technical Services		12'5" to 18'-4 1/2" (3785 mm) (5610 mm)	3 1/2" (81.0 mm)
					18'5" to 24'-4 1/2" (5613 mm) (7439 mm)	Not Applicable