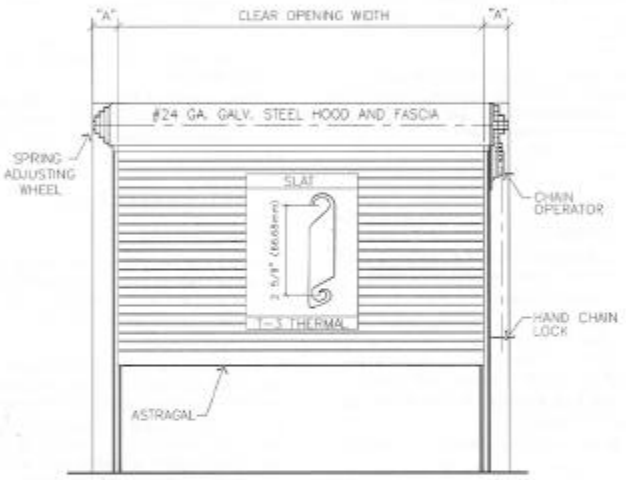
COILING THERMAL DOOR-MODEL T26*

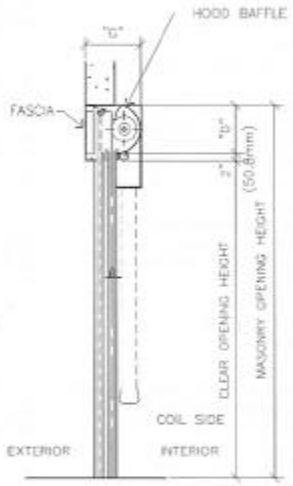
- **Hand chain operated**
- **Interior between jamb mounted**
- **Fully weatherstripped**
- **R-Value = 6.25**
- **U-Value = 0.16**
- **(U = 0.91 W/m² °K)**

*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

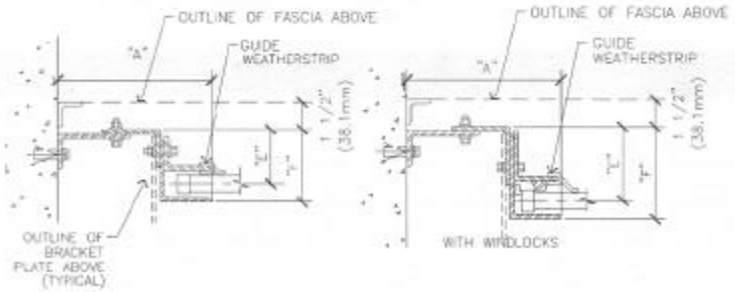


SECTION

Windlocks are standard on doors over 22'-4⅞" (6829 mm) wide and optional for doors under 22'-4⅞" (6829 mm) wide.

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

GUIDE DETAILS



atlas door™

COILING THERMAL DOOR–MODEL T26PS

08330/ATL
Buyline 0371

SPECIFICATIONS

PART 1 GENERAL

1.01 Section Includes

A. Type: Insulated Coiling Service Doors are to be Atlas Door™ Model T26PS as manufactured by Clopay Building Products Company, Inc.

B. Operation: To be chain hoist operated using gear reduction and galvanized hand chain.

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: Assembled of interlocking galvanized steel slats front and back cold roll-formed. Slats to be Type T3, no less than 2⅝" (66.68 mm) high.

B. Insulation: Polyurethane foam-injected and to fill all voids providing continuous insulation protection the full height of the slat. Insulation is to be self-bonding to the two interior galvanized steel surfaces. U-Value = 0.16 (0.91 W/m² °K). R-Value = 6.25.

C. 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.

D. Windload: Door construction designed to satisfy windload of 20 PSF (0.96 kPa) or 87 M.P.H. (140 KPH).

E. Gauge: Thickness of slat material to be as required by width of opening and windloading conditions.

F. Galvanizing: Zinc-coated in accordance with ASTM A635.

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

H. Weather Seal: Provide interwoven neoprene astragal at the bottom bar to act as a weather seal at the floor.

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. Hand Chain: Pull not to exceed 35 lbs. (156 N).

D. Spring Tension: Adjustable from outside of end bracket plate.

E. 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 ¼" (6.35 mm) thickness and to house ends of door coil. Shape of plates 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 3/16" (4.76 mm) minimum thickness.

B. Depth of Guide: To provide adequate slat penetration to satisfy specified windloading.

C. Guide Weather Seal: Furnish guide weatherstripping to seal against T3 slat.

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).

D. Hood Baffle: Furnish neoprene hood baffle in hood to prevent air infiltration.

E. Fascia: Provide galvanized closure as required.

2.06 Locking

A. Hand Chain Lock: Locking bracket, mounted on guide angle, suitable for padlocking (padlock by others).

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 Atlas Door authorized 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	Without Windlocks "D"	"G"	"E"	"F"	With Windlocks "D"	"G"	"E"	"F"
to 9'-1" (2769 mm)	17" (432 mm)	19" (483 mm)	3" (76.2 mm)	3¾" (95.3 mm)	18" (457 mm)	20" (508 mm)	3⅜" (98.4 mm)	4½" (114.3 mm)
9'-1⅛" to 11'-1" (2772 mm) (3378 mm)	18" (457 mm)	20" (508 mm)	3" (76.2 mm)	3¾" (95.3 mm)	19" (483 mm)	21" (533 mm)	3⅜" (98.4 mm)	4½" (114.3 mm)
11'-1⅛" to 13'-1" (3381 mm) (3988 mm)	19" (483 mm)	21" (533 mm)	3" (76.2 mm)	3¾" (95.3 mm)	20" (508 mm)	22" (559 mm)	3⅜" (98.4 mm)	4½" (114.3 mm)
13'-1⅛" to 15'-1" (3991 mm) (4597 mm)	20" (508 mm)	22" (559 mm)	3⅜" (98.4 mm)	4⅝" (117.5 mm)	22" (533 mm)	23" (584 mm)	4⅝" (117.5 mm)	5¼" (133.4 mm)
15'-1⅛" to 17'-1" 1/4"(4601 mm) (5207 mm)	21" (533 mm)	23" (584 mm)	3⅜" (98.4 mm)	4⅝" (117.5 mm)	22" (559 mm)	24" (610 mm)	4⅝" (117.5 mm)	5 (133.4 mm)
17'-1⅛" to 20'-1" (5210 mm) (6121 mm)	23" (584 mm)	25" (635 mm)	3⅜" (98.4 mm)	4⅝" (117.5 mm)	24" (610 mm)	26" (660 mm)	4⅝" (117.5 mm)	5¼" (133.4 mm)
over 20'-1" (6121 mm)	Consult Technical Services				Consult Technical Services			

Clear Opening Width	Without Windlocks "A"	With Windlocks "A"
to 12'-4⅛" (3781 mm)	8" (203.2 mm)	8½" (215.9 mm)
12'-5" to 22'-4⅛" (3785 mm) (6829 mm)	8⅛" (208.0 mm)	8½" (215.9 mm)
22'-5" to 24'-4⅛" (6833 mm) (7439 mm)	Not Applicable	8½" (215.9 mm)
over 24'-4⅛" (7439 mm)	Not Applicable	Consult Technical Services