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The Automatic Choice

# ARCHITECTURAL DETAILS

## SECURITY REVOLVING DOOR ENTRANCES

ControlFlow® 2-Way Card Access Security Series 9240 Matless Anti-Tailgate

Type: 4-Wing with Round Drum

F9.5 Nov 17

### Standard Packages

Nominal Inside Drum Diameter		Canopy Diameter	Entry	Rough Opening Width (at Canopy) x Height	
6'-0" (1830)	6'-3 1/2" (1920)	6'- 4" (1930)	3'-10 7/8" (1191)	6'- 4 1/2" (1943) x 8'-	0 1/4" (2445)
6'-6" (1981)	6'-9 1/2" (2070)	6'-10" (2083)	4'- 3 1/8" (1299)	6'-10 1/2" (2096) x 8'-	0 1/4" (2445)
7'-0" (2134)	7'-3 1/2" (2223)	7'- 4" (1930)	4'- 7 3/8" (1406)	7'- 4 1/2" (2248) x 8'-	0 1/4" (2445)
Overall Unit Height: 9' 0" (2429) Cailing Height: 7' 0" (2124) Canony Height: 12" (205)					Anodized

Overall Unit Height: 8'-0" (2438) Ceiling Height: 7'- 0" (2134) Canopy Height: 12" (305) Glazing: Standard door wings prep'd for 1/4" (6) glass. Glass provided by others. Standard drum provided with 7/16" clear laminated curved glass.

Finish: Clear or Dark Bronze

Areas

Options • Ceiling lights

Extended or cropped canopy

Optional .090

Aluminum Roof

5/8"(16)

(57)

2 1/4"

4" (101)

C337

C2991

(2134) Ceiling Height

þ

Finish Floor

Height

 Aluminum roof
Custom anodized or paint finish For more standards & options see Architectural Specs (p. 13.1) and Spec Details (starting on p F3.0).

## Prep up to 1" glazing

1/4"

(13)

Overall Unit Height

4" (101)

- Door unit is surface mounted to finish floor (floor not to exceed 1/4" out of level). Unit is free-standing with no additional support required (See p.F1.1).
- Drum can be center connected to adjacent construction or throat connected (at entry vertical rails. See p.F1.2). Allow 1/4" shim space each side & at canopy. Adjacent construction not to bear down on door unit.
- Electrical: Provide 120 VAC, 15 amp service on a dedicated 20 amp circuit breaker routed to power operator mounted within the enclosure canopy.

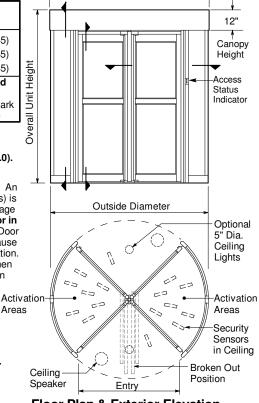
Curved Aluminum

Support Channels

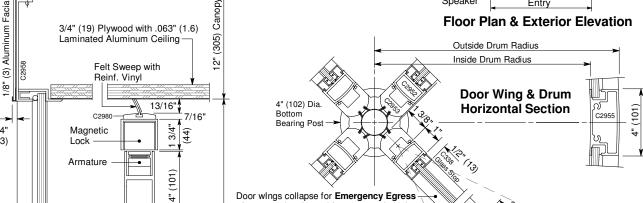
Operation • Traffic is controlled from both directions. An Access Control System device (by others) is required at each entrance to obtain passage authorization. Authorization will set door in motion at rate of 3-4 RPM for 1/2 turn. Door then stops. Unauthorized passage will cause door to stop and announce security violation. Door rotates back to clear secure area then resumes normal rotation. Fail-safe design provides full operation for 2 hours in the event of power failure.



Mode of operation can be in either 'x' position (shown) or '+' position.



Canopy Diameter



Door wings collapse for Emergency Egress after power is released from magnetic lock. Electromagnets hold wings in locked position under normal conditions with 1000 lbs. min. force. Safety Access Edge Status 4" (102) 2" (51) Indicator Pivot 2nd Pivo 1 1/2" (38) Dia. Steel Center Shaft with 1/16" 핞 Aluminum Sleeve C2953 Bottom Spider

with Bearing

**Bottom Bearing** 

7/8' Drum **Door Wing Vertical Sections** 

C369 Glass Stop

Muntin Bar

7/8" (1165)

Horton Automatics reserves the right to alter its product and specifications without notice. Dimensions given in U.S. inches followed by millimeters in parenthesis.