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The Automatic Choice

# ARCHITECTURAL DETAILS

## SECURITY REVOLVING DOOR ENTRANCES

### ControlFlow® 2-Way Card Access Security

F9.4

### Series 9241 Matless Anti-Tailgate

### Type: 4-Wing with Segmented® Drum, Round Canopy

Nov 17

#### Standard Packages

Nominal Inside Drum Diameter	Outside Drum Diameter	Canopy Diameter	Entry	Rough Opening Width (at Canopy) x Height
6'-0" (1830)	6'-3 1/2" (1920)	6'-5 7/8" (1978)	3'-10" (1168)	6'-6 3/8" (1991) x 8'-0 1/4" (2445)
6'-6" (1981)	6'-9 1/2" (2070)	7'-0 1/8" (2137)	4'-2 3/8" (1280)	7'-0 5/8" (2149) x 8'-0 1/4" (2445)
7'-0" (2134)	7'-3 1/2" (2223)	7'-6 1/4" (2292)	4'-6 3/4" (1391)	8'-4 3/4" (2559) x 8'-0 1/4" (2445)

**Overall Unit Height:** 8'-0" (2438)  
**Ceiling Height:** 7'-0" (2134)    **Canopy Height:** 12" (305)  
**Glazing:** Standard unit prep'd for 1/4" (6) glass. Glass provided by others.

**Anodized Finish:**  
Clear or Dark Bronze

- Options**
- Ceiling lights.
  - Extended, cropped or segmented canopy.
  - Prep up to 1" glazing.
  - Aluminum roof.
  - Custom anodized or paint finish.

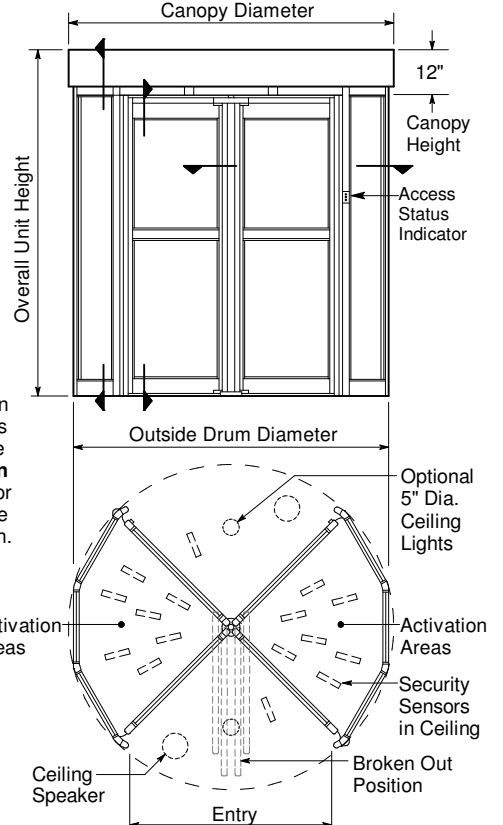
For more standards & options see Architectural Specs (p. 13.1) and Spec Details (starting on p F3.0).

#### Installation

- 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.

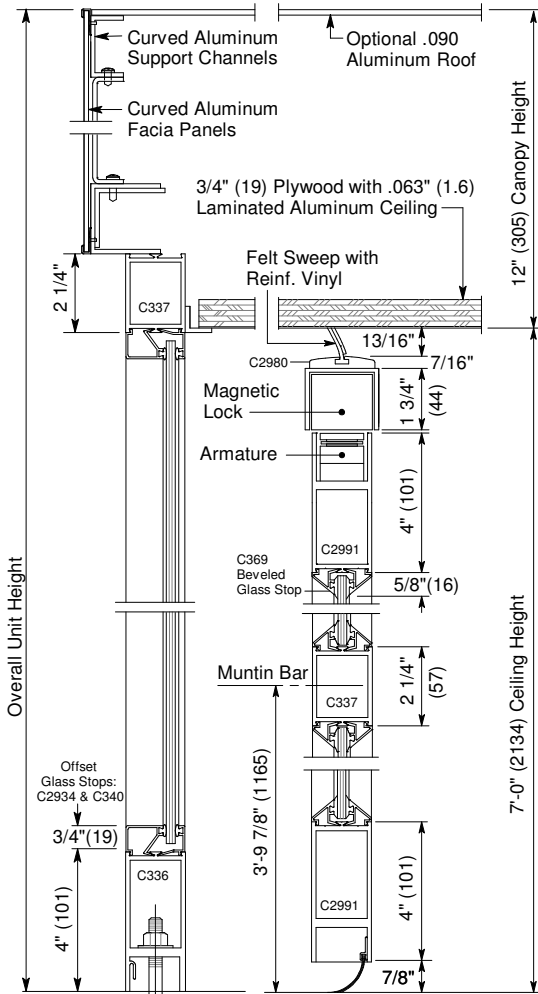
#### Operation

- 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.

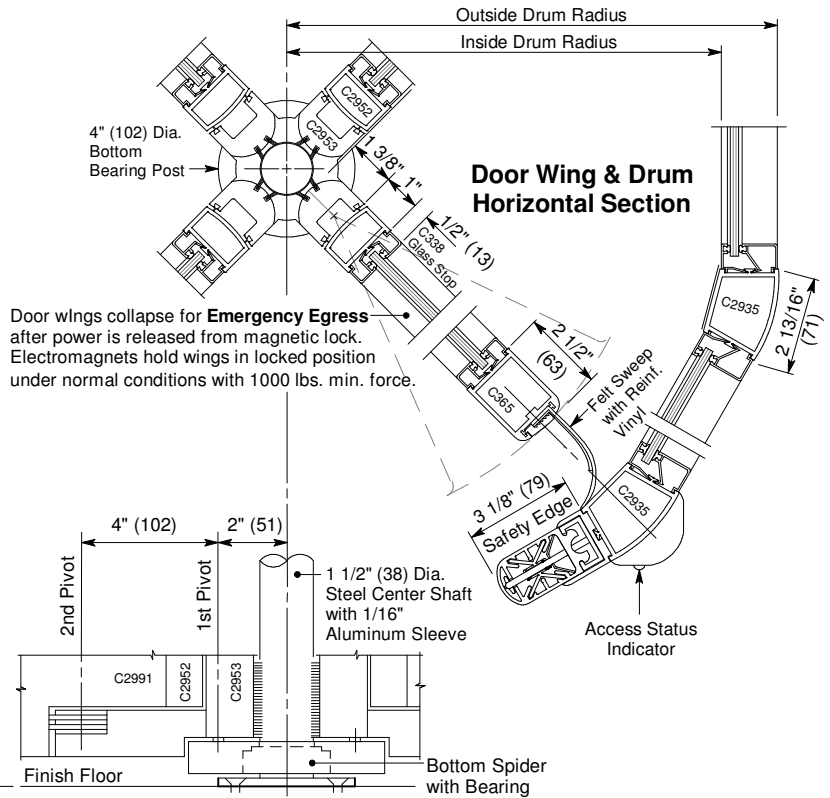


Floor Plan & Exterior Elevation

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



Drum Door Wing Vertical Sections



Bottom Bearing

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.

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