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 The Automatic Choice

# ARCHITECTURAL DETAILS

## SECURITY REVOLVING DOOR ENTRANCES

**ControlFlow® 2-Way Card Access Security**  
**Series 9240 Anti-Tailgate with Security Mats**  
**Type: 4-Wing with Round Drum**

F9.7

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'-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:** 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.

**Anodized Finish:**  
 Clear or Dark Bronze

- Options**
- Ceiling lights
  - Custom anodized or paint finish
  - Aluminum roof
  - Prep up to 1" glazing
  - Inactive mats (non-secure areas)
  - Extended, cropped canopy
  - Ceiling height to 9'-0"

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

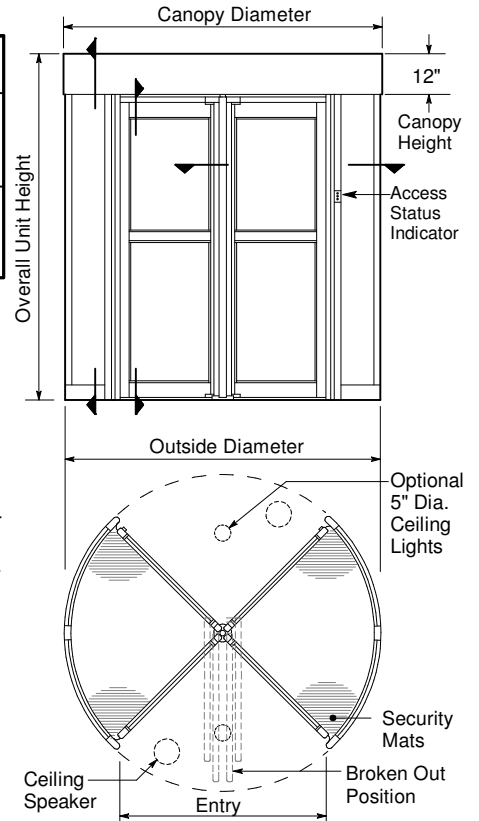
### Installation

- 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.

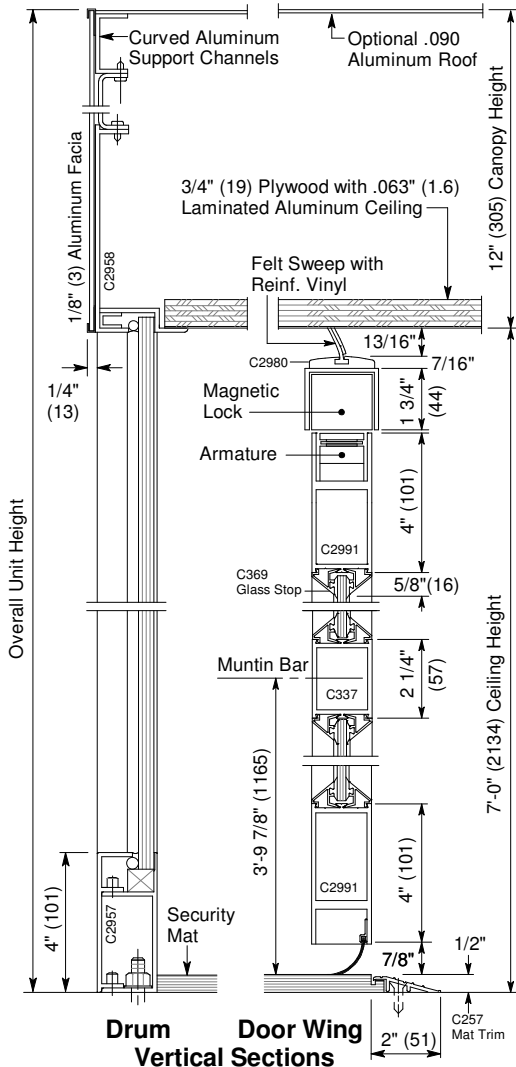
### Operation

- 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.

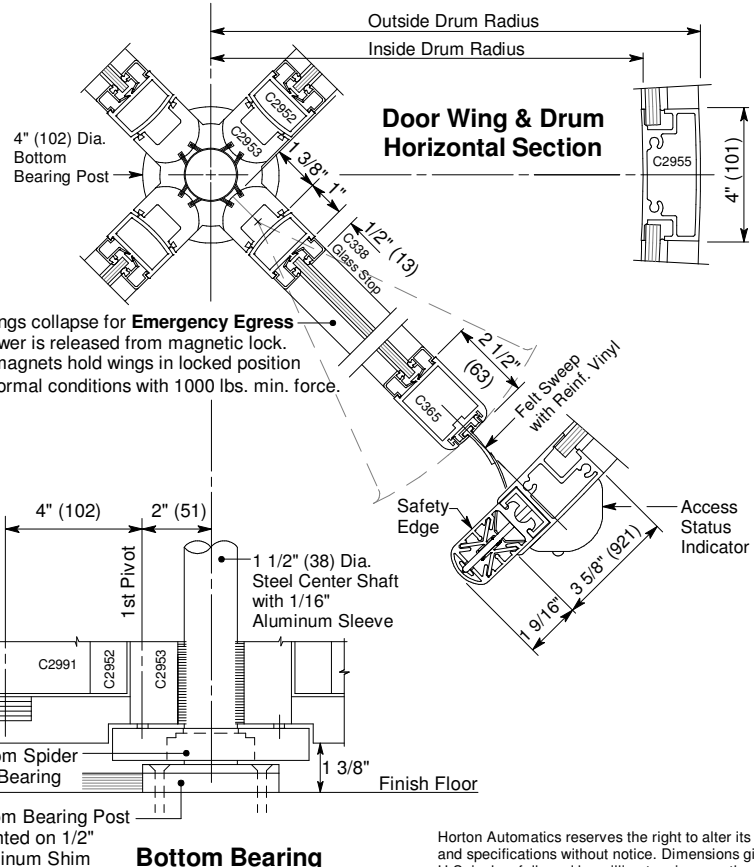
**Note:**  
 Mode of operation can be in either 'x' position (shown) or '+' position.



**Floor Plan & Exterior Elevation**



**Drum Door Wing Vertical Sections**



**Door Wing & Drum Horizontal Section**

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