

B 4242 Baldwin Boulevard Corpus Christi, Texas USA 78405-3399 Tel: 800-531-3111, 361-888-5591 Fax: 800-531-3108, 361-888-6510 www.hortondoors.com

The Automatic Choice

ARCHITECTURAL DETAILS

REVOLVING DOOR ENTRANCES

Grand[®] Automatic Series 9620

Type: 2-Wing with Round Drum

F2.18

Standard Packages

Nominal Outside Diameter	Inside Diameter	Entry / Breakout Opening	Slide Door Opening	Rough Opening Width	Options Extended canop
12'-1 3/16" (3688)	11'-9 3/4" (3600)	5'-10 7/8" (1800)	3'-7 5/16" (1100)	12'-1 3/4" (3670)	Aluminum roof.
14'-0 13/16" (4288)	13'-9 1/4" (4200)	6'-10 11/16" (2100)	4'-7 1/16" (1400)	14'-1 3/8" (4280)	
16'-0 7/16" (4888)	15' - 9" (4800)	7'-10 1/2" (2400)	5'-6 15/16" (1700)	16'-1" (4890)	
Ceiling Height: 7'-6	9/16" (2300)	Glazing: Prep for 1	/4" glazing in door wir	ngs & 5/16" in drum.	
Canopy Height: 1'-1	3/8" (340)	Finishes: Anodized	l or paint finish or stai	nless steel cladding	
Overall Unit Height:	8'-7 15/16" (2640)				

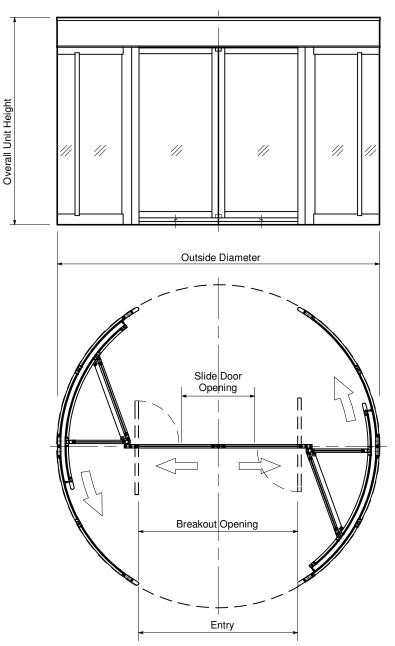
• Motion sensors at each entry starts wing rotation on user approach at 3-5 RPM.

- Push plates mounted at each side of entry slow door to 1-3 RPM for slower traffic.
- Drum can be center connected to adjacent construction. Allow 1/4" shim space each side & at canopy. Adjacent construction not to bear down on revolving door.

• 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.

• Electrical: Provide 120 VAC, 15 amp service on a dedicated 20 amp circuit breaker routed to power operator mounted within the enclosure canopy.



Floor Plan and Exterior Elevation

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

Apr 13



Overall Unit Heigh

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ARCHITECTURAL DETAILS

REVOLVING DOORS

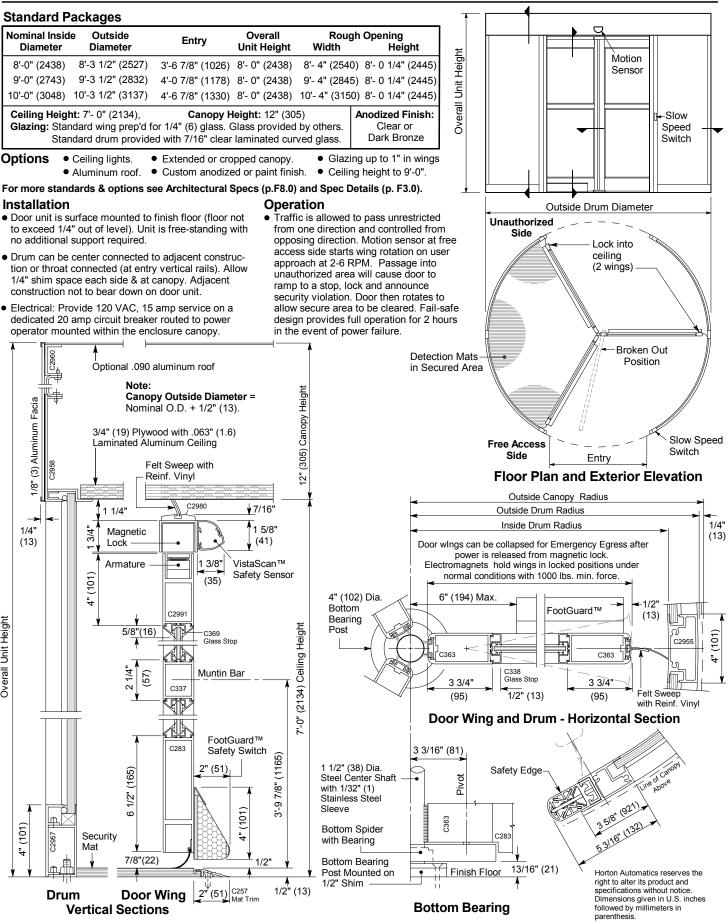
F2.19

July 10

ControlFlow[®] 1-Way Security Series 9130 Type: 3-Wing with Round Drum, Medium Stile

The Automatic Choice

Standard Packages





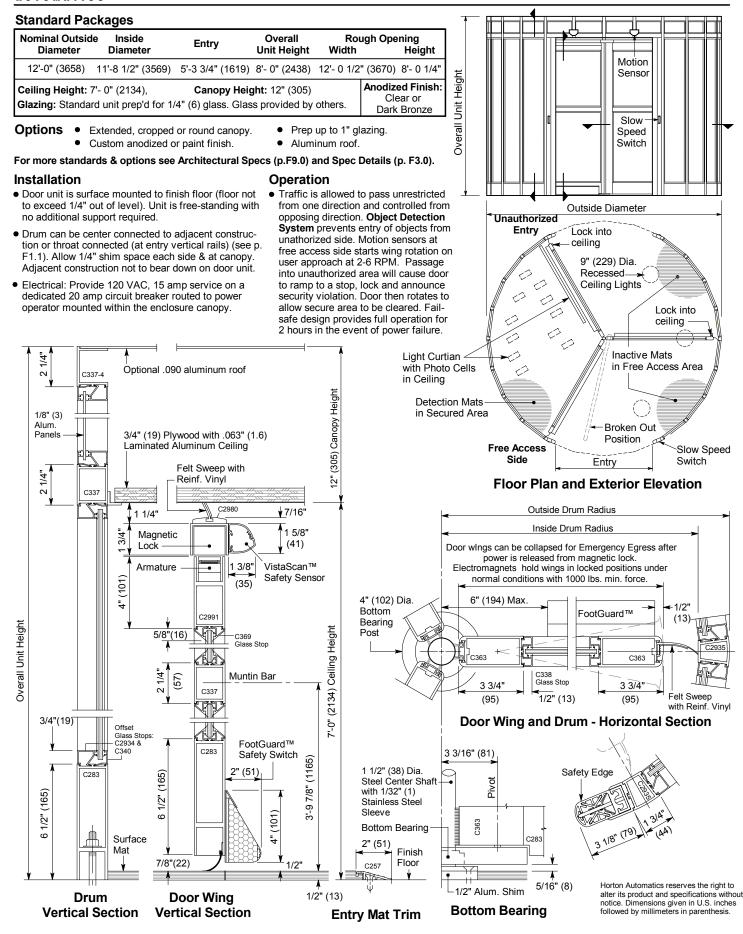
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ARCHITECTURAL DETAILS

REVOLVING DOORS

ControlFlow[®] 1-Way Airport Security Series 9131AP Type: 3-Wing with Segmented[®] Drum, Medium Stile

F2.20 July 10





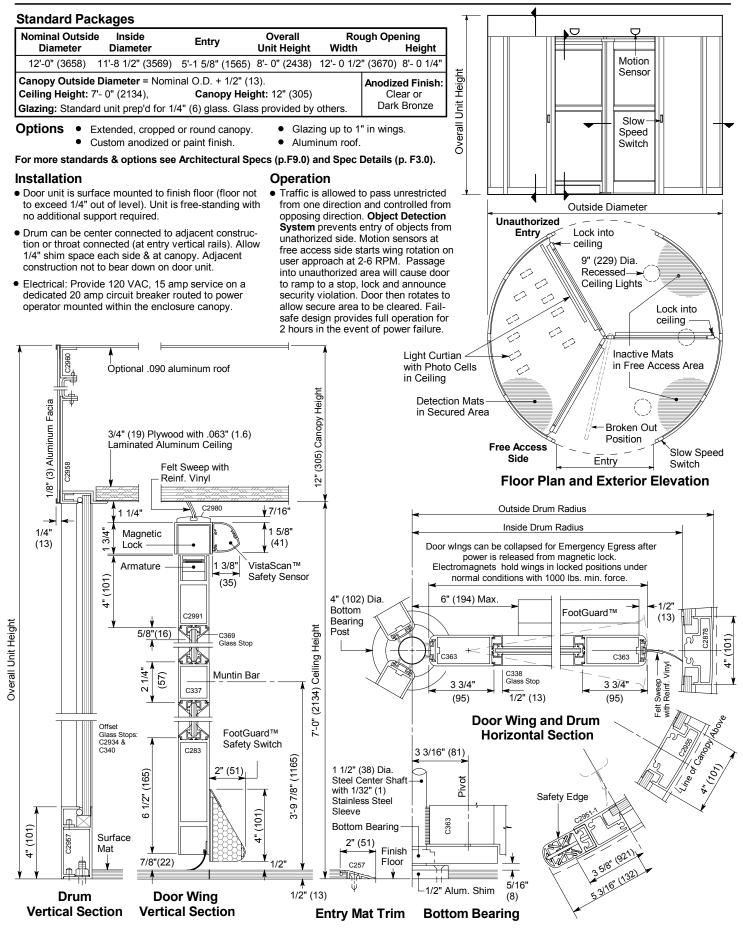
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ARCHITECTURAL DETAILS

REVOLVING DOORS

ControlFlow[®] 1-Way Airport Security Series 9130AP Type: 3-Wing with Round Drum, Medium Stile

F2.21 July 10





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ARCHITECTURAL DETAILS

SECURITY REVOLVING DOOR ENTRANCES

ControlFlow[™] 2-Way Card Access Security Series 9241 in '+' Position Type: 4-Wing with Segmented[®] Drum, Narrow Stile

Overall Unit Height

F9.5 Jan 12

Standard Packages

Options

4

Stanuaru F	achayes				
Nominal Insid Diameter	le Outside Diameter	Entry	Overall Unit Height	Roug Width	Jh Opening Height
6'-0" (1830)	6'-3 1/2" (1920)	3'-10" (1168)	8'-0" (2438)	6'-4" (1930	0) 8'-0 1/4" (2445)
6'-6" (1981)	6'-9 1/2" (2070)	4'-2 3/8" (1280)	8'-0" (2438)	6'-10" (208	3) 8'-0 1/4" (2445)
7'-0" (2134)	7'-3 1/2" (2223)	4'-6 3/4" (1391)	8'-0" (2438)	7'- 4" (193	0) 8'-0 1/4" (2445)
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

Ceiling lights.
 Extended, cropped or round canopy.
 Prep up to 1" glazing.

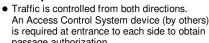
Access Status Indicator **Outside Diameter** ПЦ Activation Areas 67 27 ¢.) == 53 **C**] 23 [] 0 27 Security ~3 Sensors in Ceilina Ceiling Broken Speaker Out Position Entry



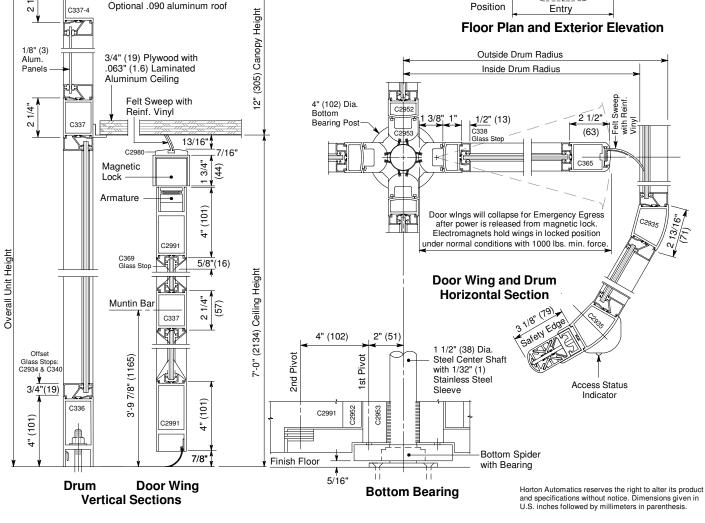
• Aluminum roof. • Custom anodized or paint finish.

free-standing with no additional support required.
Drum can be center or throat connected (at entry vertical rails) connected to adjacent construction . 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.



Stepping onto activation area will set door in motion at rate of 3-4 RPM for 1/4 turn. Door then stops and locks. Unauthorized passage will cause door to stop, lock 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.





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ARCHITECTURAL DETAILS

SECURITY REVOLVING DOOR ENTRANCES

ControlFlow[™] 2-Way Card Access Security Series 9241 in 'X' Position Type: 4-Wing with Segmented[®] Drum, Narrow Stile

Overall Unit Height

F9.4

ndard Dookagoo

Nominal Insid Diameter	e Outside Diameter	Entry	Overall Unit Height	Roug Width	h Opening Height
6'-0" (1830)	6'-3 1/2" (1920)	3'-10" (1168)	8'-0" (2438)	6'-4" (193	0) 8'-0 1/4" (2445)
6'-6" (1981)	6'-9 1/2" (2070)	4'-2 3/8" (1280)	8'-0" (2438)	6'-10" (208	3) 8'-0 1/4" (2445)
7'-0" (2134)	7'-3 1/2" (2223)	4'-6 3/4" (1391)	8'-0" (2438)	7'- 4" (193	0) 8'-0 1/4" (2445)
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 round canopy.
 Prep up to 1" glazing.

• Aluminum roof. • Custom anodized or paint finish. For more standards & options see Architectural Specs and Spec Details.

Optional .090 aluminum roof

Installation

14

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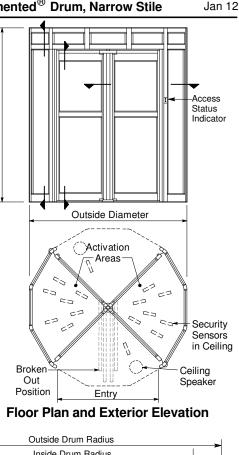
Operation

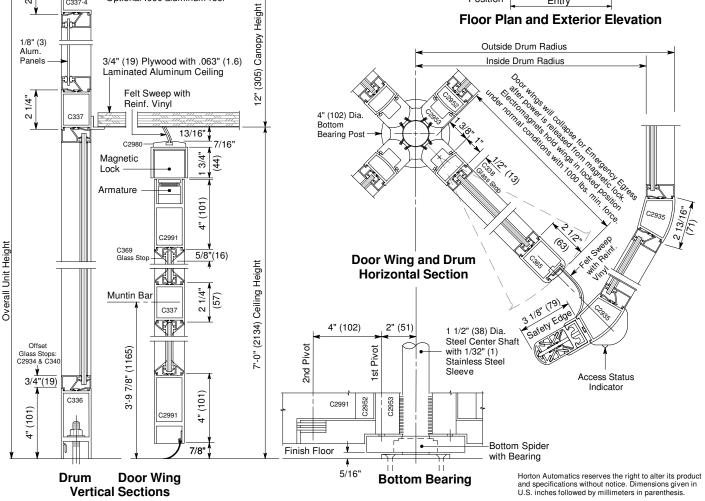
- Door unit is surface mounted to finish floor (floor not to exceed 1/4" out of level). Unit is free-standing with no additional support required.
- Drum can be center or throat connected (at entry vertical rails) connected to adjacent construction . Allow 1/4" shim space each side & at canopy. Adjacent 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.

C337-4

• Traffic is controlled from both directions. An Access Control System device (by others) is required at entrance to each side to obtain passage authorization.

Authorization will set door in motion at rate of 3-4 RPM for 1/2 turn. Door then stops and locks. Unauthorized passage will cause door to stop, lock 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.







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ARCHITECTURAL DETAILS

SECURITY REVOLVING DOOR ENTRANCES

ControlFlow[™] 2-Way Card Access Security Series 9240 in '+' Position Type: 4-Wing with Round Drum, Narrow Stile

Overall Unit Height

F9.7

Jan 12

Standard Packages

Stanuaru F	ackages				
Nominal Insid Diameter	le Outside Diameter	Entry	Overall Unit Height	Roug Width	h Opening Height
6'-0" (1830)	6'-3 1/2" (1920)	3'-10 7/8" (1191)	8'-0" (2438)	6'-4" (1930	0) 8'-0 1/4" (2445)
6'-6" (1981)	6'-9 1/2" (2070)	4'- 3 1/8" (1280)	8'-0" (2438)	6'-10" (2083	3) 8'-0 1/4" (2445)
7'-0" (2134)	7'-3 1/2" (2223)	4'- 7 3/8" (1391)	8'-0" (2438)	7'- 4" (1930	0) 8'-0 1/4" (2445)
Ceiling Height: 7'- 0" (2134), Canopy Height: 12" (305)					Anodized Finish:
Glazing: Standard wing prep'd for 1/4" (6) glass. Glass provided by others.				· /	Clear or Dark
Standard drum provided with 7/16" clear laminated curved glass.					Bronze

• Ceiling lights. Options Prep up to 1" glazing in wings. Extended or cropped canopy. • Aluminum roof. • Custom anodized or paint finish.

For more standards & options see Architectural Specs and Spec Details.

Optional .090 aluminum roof

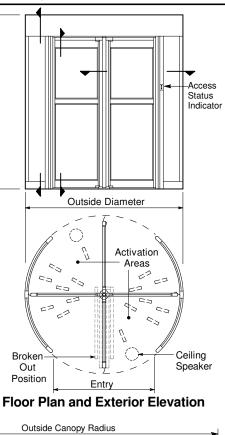
Installation

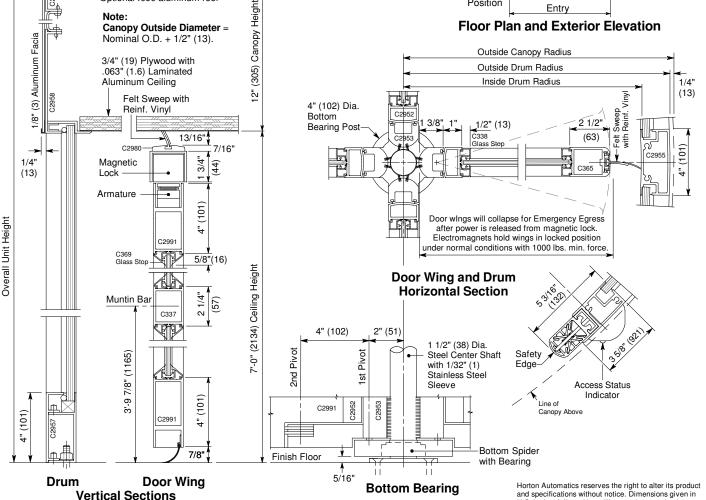
- Door unit is surface mounted to finish floor (floor not to exceed 1/4" out of level). Unit is free-standing with no additional support required.
- Drum can be center or throat connected (at entry vertical rails) connected to adjacent construction . Allow 1/4" shim space each side & at canopy. Adjacent 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 entrance to each side to obtain passage authorization. Stepping onto activation area will set door

in motion at rate of 3-4 RPM for 1/4 turn. Door then stops and locks. Unauthorized passage will cause door to stop, lock 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.





and specifications without notice. Dimensions given in U.S. inches followed by millimeters in parenthesis.



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ARCHITECTURAL DETAILS

SECURITY REVOLVING DOOR ENTRANCES

ControlFlow [™] 2-Way Card Access Security Series 9240 in 'X' Position Type: 4-Wing with Round Drum, Narrow Stile

F9.6

Jan 12

Standard Packages

Stanuaru F	uonagoo				
Nominal Insid Diameter	e Outside Diameter	Entry	Overall Unit Height	Roug Width	h Opening Height
6'-0" (1830)	6'-3 1/2" (1920)	3'-10 7/8" (1191)	8'-0" (2438)	6'-4" (1930) 8'-0 1/4" (2445)
6'-6" (1981)	6'-9 1/2" (2070)	4'- 3 1/8" (1280)	8'-0" (2438)	6'-10" (2083	8) 8'-0 1/4" (2445)
7'-0" (2134)	7'-3 1/2" (2223)	4'- 7 3/8" (1391)	8'-0" (2438)	7'- 4" (1930) 8'-0 1/4" (2445)
Ceiling Height: 7'- 0" (2134), Canopy Height: 12" (305) Glazing: Standard wing prep'd for 1/4" (6) glass. Glass provided by others. Standard drum provided with 7/16" clear laminated curved glass.				by others.	Anodized Finish: Clear or Dark Bronze

Options • Ceiling lights. • Extended or cropped canopy. • Prep up to 1" glazing in wings. • Aluminum roof. • Custom anodized or paint finish.

For more standards & options see Architectural Specs and Spec Details.

Installation

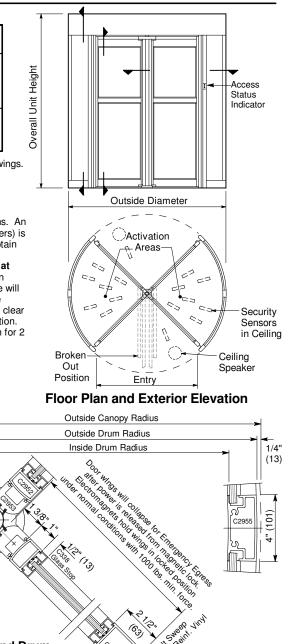
Overall Unit Height

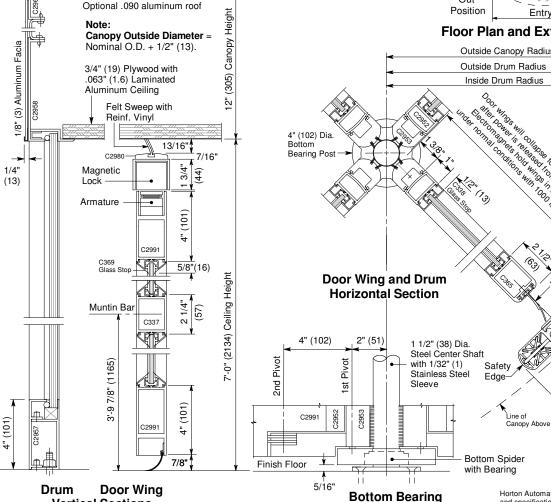
- Operation
- Door unit is surface mounted to finish floor (floor not to exceed 1/4" out of level). Unit is free-standing with no additional support required.
- Drum can be center or throat connected (at entry vertical rails) connected to adjacent construction . Allow 1/4" shim space each side & at canopy. 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.

Vertical Sections

• Traffic is controlled from both directions. An Access Control System device (by others) is required at entrance to each side to obtain passage authorization.

Authorization will set door in motion at rate of 3-4 RPM for 1/2 turn. Door then stops and locks. Unauthorized passage will cause door to stop, lock 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.





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Access Status

Indicator



Nominal Inside

Diameter

Options

Installation

4

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ARCHITECTURAL DETAILS

F2.26 Jan 08

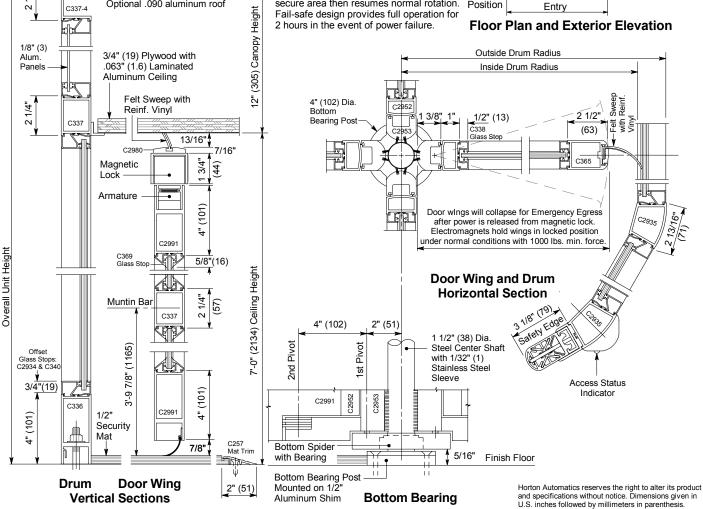
Access Status

Indicator

Visdom HS®

Camera

REVOLVING DOORS ControlFlow[®] 2-Way Card Access Security Series 9241 in '+' Position with Visdom HS® Type: 4-Wing with Segmented[®] Drum, Narrow Stile The Automatic Choice Standard Packages Outside Overall **Rough Opening** Entry Width Diameter Unit Height Height 6'-0" (1830) 6'-3 1/2" (1920) 8'-0" (2438) 6'-4" (1930) 8'-0 1/4" (2445) 3'-10" (1168) Overall Unit Height 6'-6" (1981) 6'-9 1/2" (2070) 4'-2 3/8" (1280) 8'-0" (2438) 6'-10" (2083) 8'-0 1/4" (2445) 7'-0" (2134) 7'-3 1/2" (2223) 4'-6 3/4" (1391) 8'-0" (2438) 7'-4" (1930) 8'-0 1/4" (2445) Anodized Finish: Ceiling Height: 7'- 0" (2134), Canopy Height: 12" (305) Clear or Dark Glazing: Standard unit prep'd for 1/4" (6) glass. Glass provided by others. Bronze • Ceiling lights. • Extended, cropped or round canopy. • Prep up to 1" glazing. • Aluminum roof. • Custom anodized or paint finish. • Ceiling height to 9'-0". For more standards & options see Architectural Specs (p.F10.0) and Spec Details (p. F3.0). Outside Diameter Operation • Door unit is surface mounted to finish floor (floor not • Traffic is controlled from both directions. Lock into floor to exceed 1/4" out of level). Unit is free-standing with An Access Control System device (by no additional support required. others) is required at entrance to each side to obtain passage authorization. 9" (229) Dia. • Drum can be center connected to adjacent construc-Authorization activates mats - Stepping tion or throat connected (at entry vertical rails) (see p. Recessed onto entry mat will set door in motion at rate of 3-4 RPM for 1/4 turn. Ceiling Lights F1.1). Allow 1/4" shim space each side & at canopy. Adjacent construction not to bear down on door unit. Door then stops and locks Visdom HS® system will detect · Electrical: Provide 120 VAC, 15 amp service on a dedicated 20 amp circuit breaker routed to power piggybacking and tailgating violations with date/time overlay on video. operator mounted within the enclosure canopy. Activation/ Unauthorized passage will cause door to Security stop, lock and announce security Broken Mats violation. Door rotates back to clear Out Optional .090 aluminum roof secure area then resumes normal rotation. Position Entrv Fail-safe design provides full operation for 2 hours in the event of power failure. Outside Drum Radius Inside Drum Radius





Diameter

Options

4

à

1/8" (3)

Alum Panels

2 1/4"

Overall Unit Height

Offset

(101)

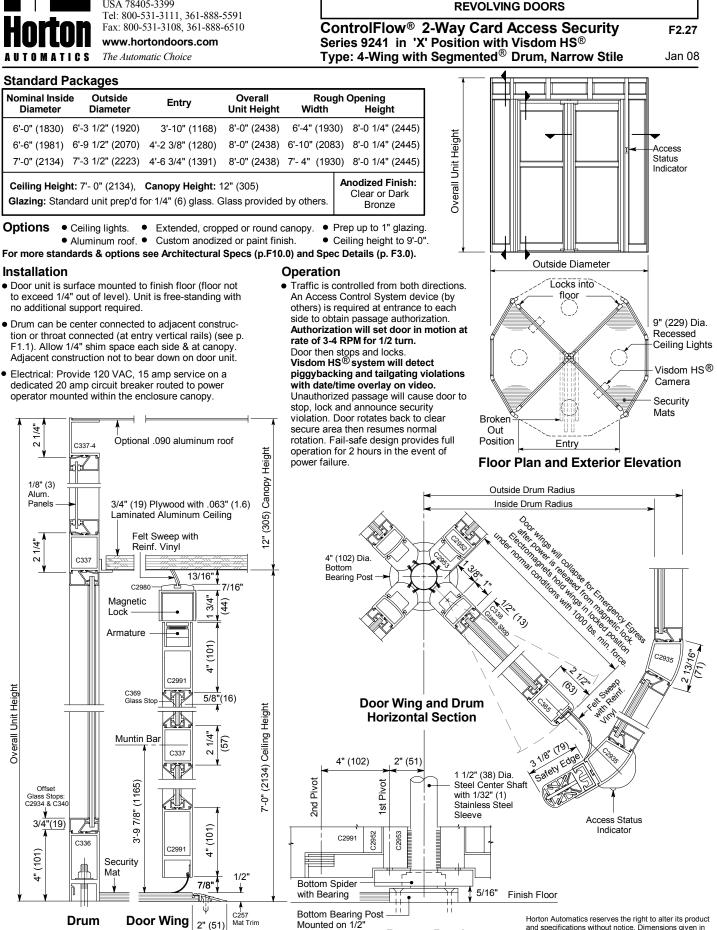
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Vertical Sections

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ARCHITECTURAL DETAILS

REVOLVING DOORS



Bottom Bearing

Aluminum Shim

and specifications without notice. Dimensions given in U.S. inches followed by millimeters in parenthesis.



Nominal Inside

Diameter

Standard Packages

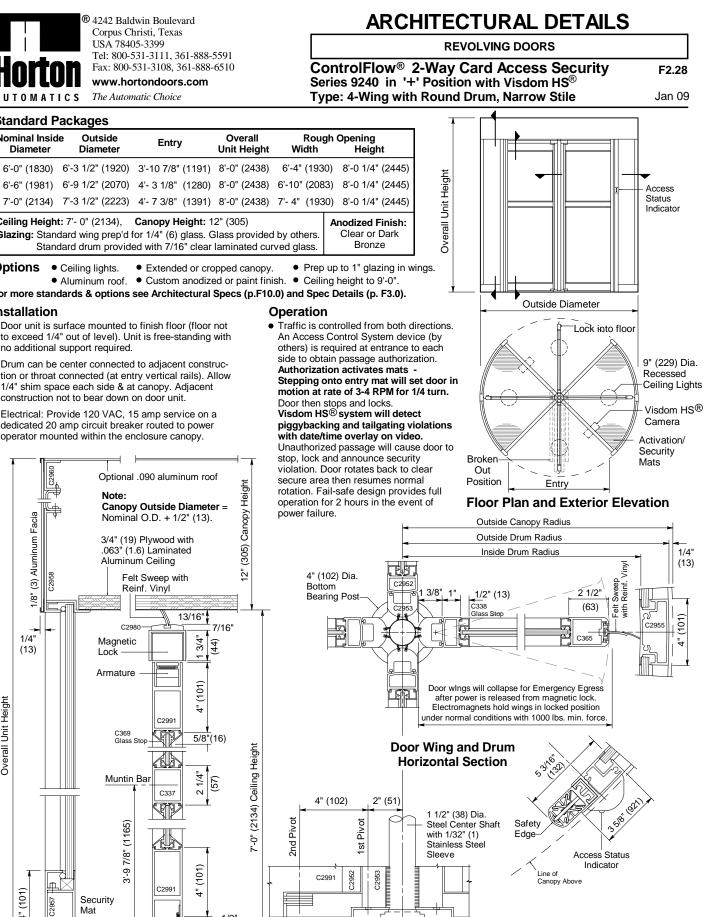
Outside

Diameter

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Entry

6'-0" (1830) 6'-3 1/2" (1920) 3'-10 7/8" (1191) 8'-0" (2438)



Ceiling Height: 7'- 0" (2134), Canopy Height: 12" (305) Glazing: Standard wing prep'd for 1/4" (6) glass. Glass provided by others Standard drum provided with 7/16" clear laminated curved glass. Options Ceiling lights. • Extended or cropped canopy.

• Aluminum roof. • Custom anodized or paint finish. • Ceiling height to 9'-0".

Overall

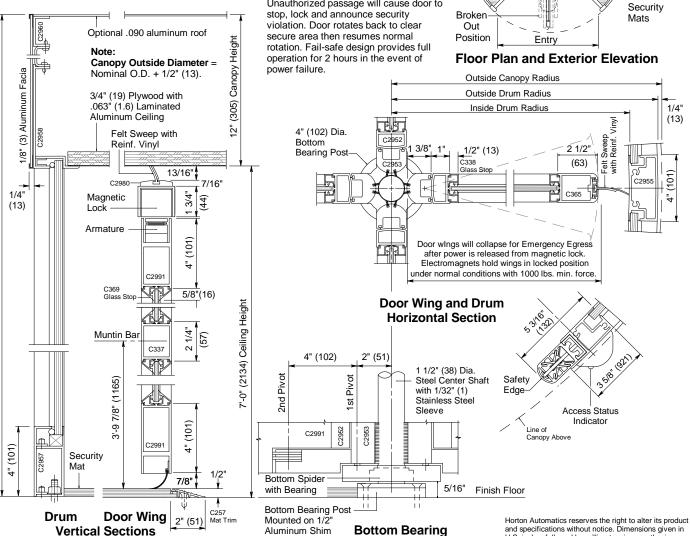
Unit Height

For more standards & options see Architectural Specs (p.F10.0) and Spec Details (p. F3.0).

Installation

Overall Unit Height

- 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.
- Drum can be center connected to adjacent construction or throat connected (at entry vertical rails). 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.
- Traffic is controlled from both directions. An Access Control System device (by others) is required at entrance to each side to obtain passage authorization. Authorization activates mats -Stepping onto entry mat will set door in motion at rate of 3-4 RPM for 1/4 turn. Door then stops and locks. Visdom HS® system will detect piggybacking and tailgating violations with date/time overlay on video. Unauthorized passage will cause door to stop, lock 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



and specifications without notice. Dimensions given in U.S. inches followed by millimeters in parenthesis.



Standard Packages Nominal Inside

Diameter

Outside

Diameter

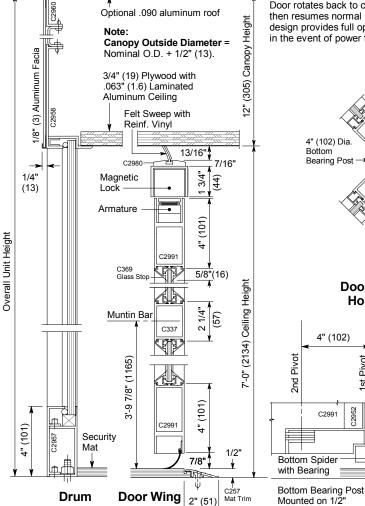
® 4242 Baldwin Boulevard Corpus Christi, Texas USA 78405-3399 Tel: 800-531-3111, 361-888-5591 Fax: 800-531-3108, 361-888-6510 www.hortondoors.com The Automatic Choice

Entry

6'-0" (1830) 6'-3 1/2" (1920) 3'-10 7/8" (1191) 8'-0" (2438)

ARCHITECTURAL DETAILS

REVOLVING DOORS ControlFlow[®] 2-Way Card Access Security F2.29 Series 9240 in 'X' Position with Visdom HS® Type: 4-Wing with Round Drum, Narrow Stile Jan 08 Overall Unit Height Access Status Indicator Outside Diameter -Lock into floor 9" (229) Dia. Recessed Ceiling Lights Visdom HS® Camera Activation/ Security Broken Mats Out Position Entry Floor Plan and Exterior Elevation Outside Canopy Radius Outside Drum Radius Inside Drum Radius 1/4" (13)Joer 101 ÷ ted Dosition min. force Sweep ′ତ୍ର **Door Wing and Drum Horizontal Section** Access Status Indicator 1 1/2" (38) Dia Steel Center Shaft with 1/32" (1) Safety Stainless Steel Edge Sleeve



Vertical Sections

Operation

• Traffic is controlled from both directions. An Access Control System device (by others) is required at entrance to each side to obtain passage authorization. Authorization activates mats - Stepping onto entry mat will set door in motion at rate of 3-4 RPM for 1/4 turn. Door then stops and locks. Visdom HS® system will detect piggybacking and tailgating violations with date/time overlay on video. Unauthorized passage will cause door to stop, lock 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.

2" (51)

Pivot

1st

11

C2952 C2953

Aluminum Shim

Ceiling Height: 7'- 0" (2134), Canopy Height: 12" (305) Anodized Finish: Glazing: Standard wing prep'd for 1/4" (6) glass. Glass provided by others Clear or Dark Bronze Standard drum provided with 7/16" clear laminated curved glass.

Width

6'-4" (1930)

Rough Opening

Height

8'-0 1/4" (2445)

Options • Extended or cropped canopy. Prep up to 1" glazing in wings. Ceiling lights. • Aluminum roof. • Custom anodized or paint finish. • Ceiling height to 9'-0".

6'-6" (1981) 6'-9 1/2" (2070) 4'- 3 1/8" (1280) 8'-0" (2438) 6'-10" (2083) 8'-0 1/4" (2445)

7'-0" (2134) 7'-3 1/2" (2223) 4'-7 3/8" (1391) 8'-0" (2438) 7'-4" (1930) 8'-0 1/4" (2445)

Overall

Unit Height

For more standards & options see Architectural Specs (p.F10.0) and Spec Details (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.
- Drum can be center connected to adjacent construction or throat connected (at entry vertical rails). 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.





5/16"

Line of

Canopy Above

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