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PRODUCT SPECIFICATIONS**EXTERIOR FINISH**

Exterior aluminum surfaces are low maintenance extruded aluminum coated with a thermo set polyester finish that meets or exceeds the AAMA 2603 performance standards. Standard colors include Brilliant White, Chestnut Bronze, Desert Sand, French Vanilla, Hartford Green, and Mesa Red.

AURALAST™ WOOD

AuraLast™ wood is fundamentally different from wood resulting from traditional millwork preservation processes in that it uses a proprietary vacuum/pressure process to provide protection throughout the wood parts used to make windows and doors. AuraLast™ wood is distinguished from wood using the current preservation methods by its unique ability to achieve greater penetration of the active ingredients into the wood parts, with a penetration of the treatment being a minimum of 92%.

INTERIOR FINISH

All interior panel surfaces are unfinished clear pine ready for paint, stain or natural finish. Frames are fingerjoint material. Primed and pre-painted white interiors are available.

FRAME

Frame is assembled from select kiln dried pine using AuraLast™ wood on all exterior parts. Jambs are 21/32" thick. Patio door has an anodized aluminum sill with a hardwood thermal break. Exterior surface is covered with .062" extruded aluminum extrusion. The basic jamb width is 4-9/16" with fingerjoint material. Extension jambs are available for most wall thicknesses. Frame corner joints are secured with screws. All patio doors have hinged nailing fin/drip cap and weather-stripping applied. Frame will accept masonry clips. Exterior of frame extrusion is grooved to accept accessories.

PANEL

8/4 heavy select kiln dried pine using AuraLast™ wood on all exterior parts. Exterior has .019" roll-formed aluminum cladding. Panel corners are joined with water resistant glue and hardwood dowels.

GLAZING

3/4" (19mm) thick sealed insulating glass is constructed from two panes of tempered glass, utilizing a continuous roll formed stainless steel spacer with dual seal sealant. All insulating glass units comply with the performance requirements of IGCC in accordance with either ASTM E774 or E2190.

GLAZING OPTIONS

3/4" tempered insulating glass available in Low-E with Argon, Low-E 366, Clear, Neat Glass, tinted, or obscure, or other specialty glass as specified. Optional Preserve® film is a 0.003" thick polyethylene film with a low tack acrylic adhesive applied to the glass for protection during shipping and installation.

WEATHER-STRIPPING

Consists of high-performance bulb/leaf on lock and head jamb of operating panel. Synthetic skinned foam applied to mull jamb and around perimeter of fixed panel. Operating panel has multi-finned, synthetic rubber door sweep.

HARDWARE

Handle set with 2-3/8" bore standard. Handle set styles include Lido (lever handle and deadbolt) and Dover (lever handle, deadbolt, and escutcheon plate). Deadbolts can be keyed-alike to other Kwikset-compatible locks in the field. Handle set finish colors include: Bright Brass and Antique Brass. A no handle set and no bore option is also available. Three 4" X 4" interior grade hinges are applied to each operating panel.

EXTERIOR INSECT SCREENS

Charcoal fiberglass screen cloth (18x16 mesh) set in an aluminum frame (.019ga) with adjustable rollers and a handle with latch. 1-panel patio doors use a hinged screen door. 2-panel and 3-panel patio doors use a sliding screen door. Insect screens are intended to allow air and light in and to keep insects out. They are not intended to keep anyone or anything from falling through them. For safety screens or other security devices contact your local building supply retailer.

GRILLES

SDL (Simulated Divided Lites) - extruded aluminum muntins permanently applied to the exterior of the insulating glass unit (not available on textured glass) in 7/8" (22mm), 1-1/8" (28.5mm), or 1-3/8" (34.9mm) widths. SDL may be ordered with a silver shadow bar or without a shadow bar. Clear wood interior muntin bars match the exterior muntin width and are permanently bonded to the interior of the glass.

Full Surround Wood Grilles - Rectangular pattern, unfinished clear pine wood interior grilles in 7/8" (22mm), 1-1/8" (28.5mm), and 1-3/8" (34.9mm) are available in patterns selected by the owner.

GBG (Grilles between the Glass) - 5/8" (15.9mm) flat and 23/32" or 1" contour mounted between the glass panes suspended within the air cavity.

EXTERIOR TRIMS

1-11/16" wide brickmould, 3-7/32" wide flat casing and 3-3/32" wide Adams casing. All aluminum casings have a 1-9/16" thick extruded aluminum sill nosing. Standard 1/2" clad mull cover for mulling units together and 3/4", 1-1/2", 2" and 4" optional mull covers for expanded mulls.

EXTENSION JAMBS

Extension jambs using 9/16" thick select kiln-dried pine are factory applied. They will accommodate wall depths up to 7-1/4". Clad In-Swing patio doors utilize an extruded aluminum frame extrusion and sill for jamb dimensions over 5-1/4".

INSTALLATION

Installation per JELD-WEN Installation Method for Metal Clad Patio Doors JII005 or JII014. See www.jeld-wen.com/resources for instructions.

PERFORMANCE

NFRC Certified - (Rated and labeled in accordance with NFRC)

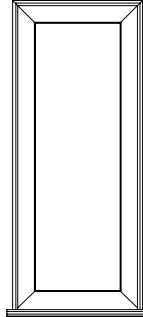
QUICK SPEC GUIDE

SPECIFICATION	STANDARD FEATURES	OPTIONAL FEATURES <i>Some options may require additional lead times. Consult your JELD-WEN Sales Representative.</i>
EXTERIOR FINISH	<ul style="list-style-type: none"> • Brilliant White • Chestnut Bronze • Desert Sand • French Vanilla • Mesa Red • Hartford Green 	
INTERIOR FINISH	<ul style="list-style-type: none"> • Natural 	<ul style="list-style-type: none"> • Primed or Painted White Finish
SIZE	<ul style="list-style-type: none"> • Width: Single Panel: 32-5/8, 34-5/8, 38-5/8 2-Panel: 59-1/2, 63-1/2, 71-1/2 3-Panel: 88-7/8, 94-7/8, 106-7/8 • Height: 79-1/2, 82-1/2 	<ul style="list-style-type: none"> • Width: Single Panel: 33-5/8 to 39-5/8 in 1/8" increments 2-Panel: 59-1/2 to 71-1/2 in 1/8" increments 3-Panel: 88-7/8 to 106-7/8 in 1/8" increments • Height: Special Heights not available
GLAZING	<ul style="list-style-type: none"> • Low-E Tempered Insulating Glass • Preserve® Protective Film 	<ul style="list-style-type: none"> • Clear • Obscure • Low-E 366 • Neat Glass • Tints: Bronze, Gray, Green • Reflective Tints: Bronze, Gray
		<ul style="list-style-type: none"> • High Altitude
HARDWARE	<ul style="list-style-type: none"> • Bored for 2-3/8 Backset • Handle Set and Deadbolt not included 	<ul style="list-style-type: none"> • Dover Style Handle Set with Deadbolt • Lido Style Lever Handle with Deadbolt
HARDWARE COLOR	<ul style="list-style-type: none"> • Bright Brass 	<ul style="list-style-type: none"> • Antique Brass
SCREENS	<ul style="list-style-type: none"> • Fiberglass 	<ul style="list-style-type: none"> • Aluminum Mesh
SCREEN FRAME COLOR	<ul style="list-style-type: none"> • Color Match Clad 	
GRILLES		<ul style="list-style-type: none"> • 7/8", 1-1/8" and 1-3/8" Removable Full Surround • 5/8" Flat; 23/32" and 1" Profiled GBG 7/8", 1-1/8", 1-3/8" and 2-1/8" SDL options: • 7/8", 1-1/8", 1-3/8" SDL with Removable Interior Full Surround Wood Grille • 7/8", 1-1/8", 1-3/8" SDL with Permanently Applied Interior Wood Grille • 7/8", 1-1/8", 1-3/8" SDL with Permanently Applied Interior Wood Grille & Silver Shadow Bar • 2-1/8" Simulated Checkrail
EXTERIOR TRIMS	<ul style="list-style-type: none"> • Drip Cap with Nailing Fin 	<ul style="list-style-type: none"> • Aluminum Brickmould • Aluminum Adams or Flat Casing - 3-7/32" wide
JAMB	<ul style="list-style-type: none"> • 4-9/16" 	<ul style="list-style-type: none"> • Minimum: 4-9/16" • Maximum: 7-1/4"

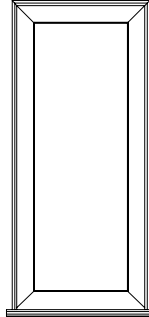
SIDELIGHT DOORS

M.O. BRICKMOULD	36 3/8"(924)	38 3/8"(975)	42 3/8"(1076)
M.O. ADAMS/FLAT CASING	39 7/16"(1002)	41 7/16"(1053)	45 7/16"(1154)
ROUGH OPENING	33 1/8"(841)	35 1/8"(892)	39 1/8"(994)
FRAME SIZE	32 5/8"(829)	34 5/8"(879)	38 5/8"(981)
DAYLIGHT OPENING	21 33/64"(546)	23 33/64"(597)	27 33/64"(699)

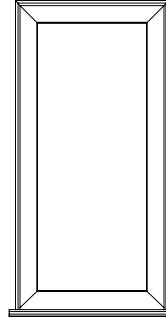
82 61/64"(2107)
84 31/64"(2146)
80"(2032)
79 1/2"(2019)
67 15/32"(1714)



CHPX1-26X68

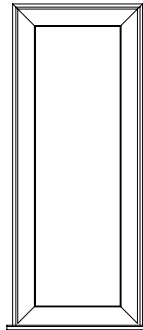


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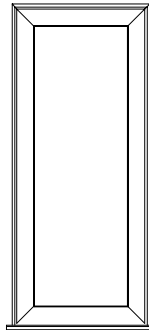


CHPX1-30X68

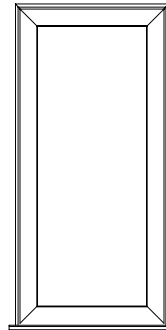
85 61/64"(2183)
87 31/64"(2222)
83 1/2"(2108)
82 1/2"(2096)
70 15/32"(1790)



CHPX1-26X68B



CHPX1-28X68B



CHPX1-30X68B

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS

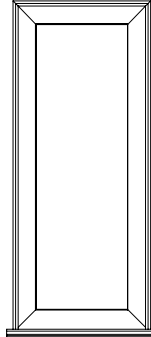
Note Elevations shown DO NOT have exterior trim. Subtract 1/2" (12.7) from M.O. (Masonry Opening) for Unit Sizes. Masonry Openings above include Sill Nose, see Trim Options page for Sill Nose specifications. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

SCALE: 1/4" = 1'

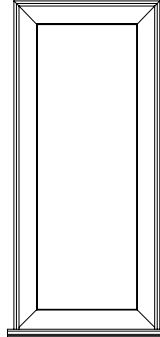
ENTRY DOORS

M.O. BRICKMOLD	36 3/8" (924)	38 3/8" (975)	42 3/8" (1076)
M.O. ADAMS/FLAT CASING	39 7/16" (1002)	41 7/16" (1053)	45 7/16" (1154)
ROUGH OPENING	33 1/8" (841)	35 1/8" (892)	39 1/8" (994)
FRAME SIZE	32 5/8" (829)	34 5/8" (879)	38 5/8" (981)
DAYLIGHT OPENING	21 5/8" (549)	23 5/8" (600)	27 5/8" (702)

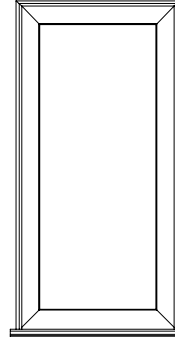
82 61/64" (2107)
84 31/64" (2146)
80" (2032)
79 1/2" (2019)
67 15/32" (1714)



CHEU1-26X68

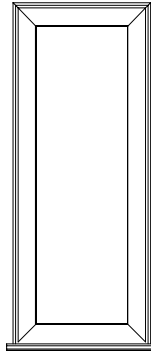


CHEU1-28X68

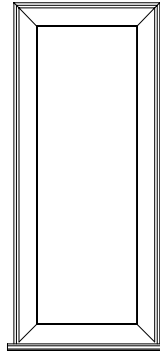


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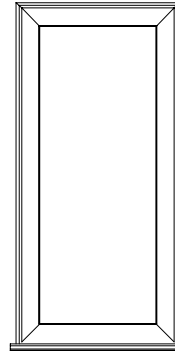
85 61/64" (2183)
87 31/64" (2222)
83" (2108)
82 1/2" (2096)
70 15/32" (1790)



CHEU1-26X68



CHEU1-28X68



CHEU1-30X68

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS

Note Elevations shown DO NOT have exterior trim. Subtract 1/2" (12.7) from M.O. (Masonry Opening) for Unit Sizes. Masonry Openings above include Sill Nose, see Trim Options page for Sill Nose specifications. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

SCALE: 1/4" = 1'

2-PANEL DOORS

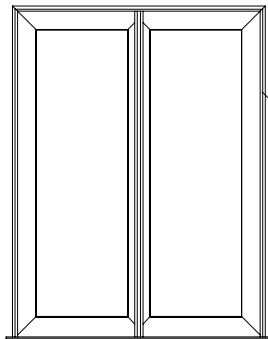
M.O. BRICKMOULD
M.O. ADAMS/FLAT CASING
ROUGH OPENING
FRAME SIZE
DAYLIGHT OPENING

63 1/4" (1607)
66 5/16" (1684)
60" (1524)
59 1/2" (1511)
21 1/2" (546)[2]

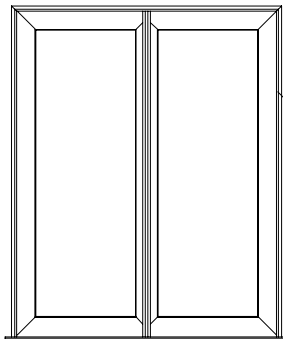
67 1/4" (1708)
70 5/16" (1786)
64" (1626)
63 1/2" (1613)
23 1/2" (597)[2]

75 1/4" (1911)
78 5/16" (1989)
72" (1829)
71 1/2" (1861)
27 1/2" (699)[2]

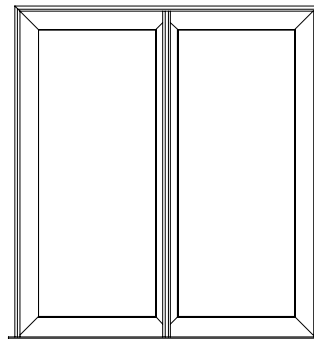
82 61/64" (2107)
84 31/64" (2146)
80" (2032)
79 1/2" (2019)
67 15/32" (1714)



CFPU1-50X68

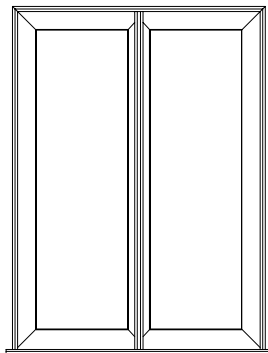


CFPU1-54X68

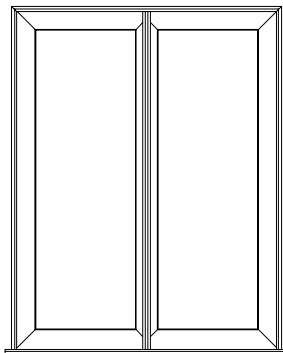


CFPU1-60X68

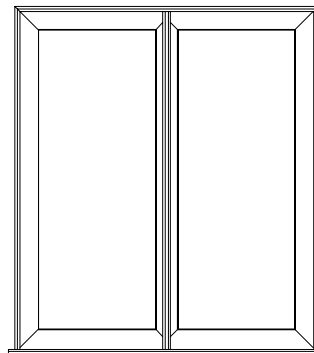
85 61/64" (2183)
87 31/64" (2222)
83" (2108)
82 1/2" (2096)
70 15/32" (1790)



CFPU1-50X68



CFPU1-54X68



CFPU1-60X68

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS
VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT

Note Elevations shown DO NOT have exterior trim. Subtract 1/2" (12.7) from M.O. (Masonry Opening) for Unit Sizes. Masonry Openings above include Sill Nose, see Trim Options page for Sill Nose specifications. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

SCALE: 1/4" = 1'

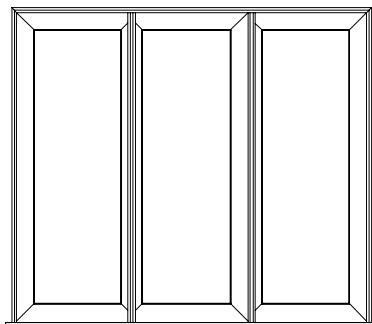
3-PANEL DOORS

M.O. BRICKMOULD
M.O. ADAMS/FLAT CASING
ROUGH OPENING
FRAME SIZE
DAYLIGHT OPENING

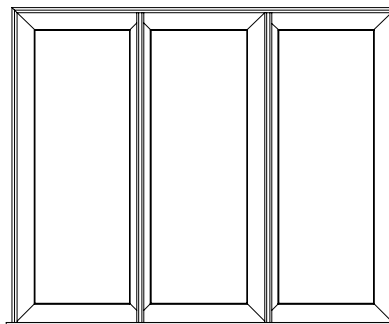
92 5/8" (2353)
95 11/16" (2430)
89 3/8" (2270)
88 7/8" (2257)
21 3/8" (543) 21 47/64" (552)[2]

98 5/8" (2505)
101 11/16" (2583)
95 3/8" (2423)
94 7/8" (2410)
23 3/8" (594) 23 47/64" (603)[2]

82 61/64" (2107)
84 31/64" (2146)
80 (2032)
79 1/2 (2019)
67 13/32 (1714)

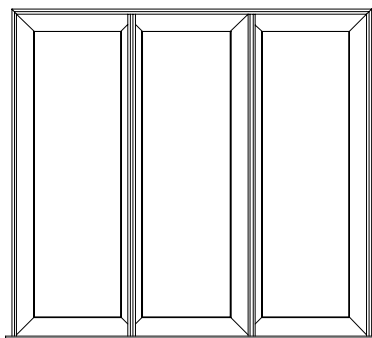


CHCU1-76X68

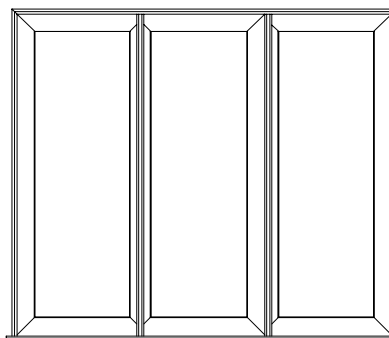


CHCU1-80X68

85 61/64" (2183)
87 31/64" (2222)
83 (2108)
82 (2096)
70 15/32 (1790)



CHCU1-76X68



CHCU1-80X68

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS
VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT

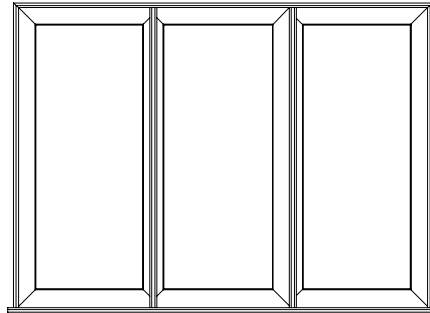
Note Elevations shown DO NOT have exterior trim. Subtract 1/2" (12.7) from M.O. (Masonry Opening) for Unit Sizes. Masonry Openings above include Sill Nose, see Trim Options page for Sill Nose specifications. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

SCALE: 1/4" = 1'

3-PANEL DOORS

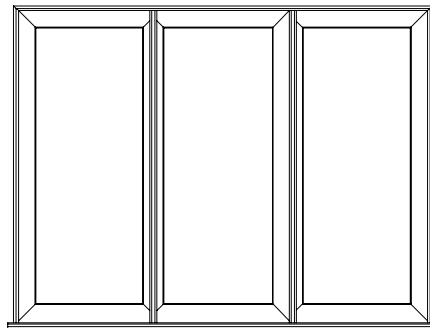
M.O. BRICKMOULD	110 5/8" (2810)
M.O. ADAMS/FLAT CASING	113 11/16" (2888)
ROUGH OPENING	107 3/8" (2727)
FRAME SIZE	106 7/8" (2715)
DAYLIGHT OPENING	27 3/8" (695) 27 47/64" (704)[2]

82 51/64" (2107)
84 31/64" (2146)
80" (2032)
79 1/2" (2019)
67 15/32" (1714)



CHCU1-90X68

85 51/64" (2183)
87 31/64" (2222)
83" (2096)
82 1/2" (2096)
70 15/32" (1790)



CHCU1-90X6B

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS
VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT

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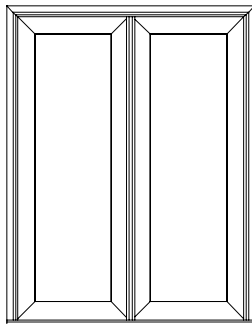
2-PANEL FRENCH DOORS

M.O. BRICKMOULD
M.O. ADAMS/FLAT CASING
ROUGH OPENING
FRAME SIZE
DAYLIGHT OPENING

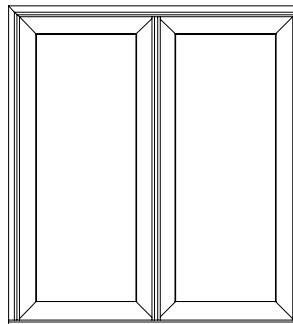
63 1/4" (1607)
66 5/16" (1684)
60" (1524)
59 1/2" (1511)
19 1/4" (489)[2]

75 1/4" (1911)
78 5/16" (1989)
72" (1829)
71 1/2" (1861)
25 1/4" (641)[2]

82 61/64" (2107)
84 31/64" (2146)
80" (2032)
79 1/2" (2019)
67 15/32" (1714)

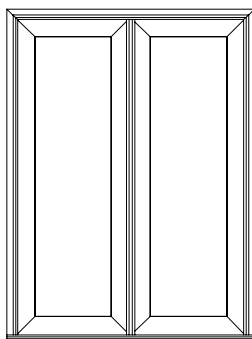


CHFU1-50X68

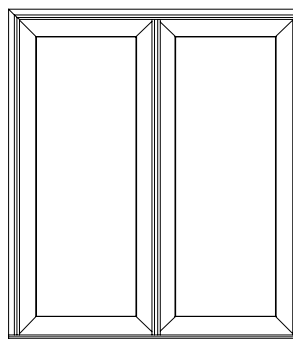


CHFU1-60X68

85 61/64" (2183)
87 31/64" (2222)
83" (2108)
82 1/2" (2096)
70 15/32" (1790)



CHFU1-50X6B



CHFU1-60X6B

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS
VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT

Note Elevations shown DO NOT have exterior trim. Subtract 1/2" (12.7) from M.O. (Masonry Opening) for Unit Sizes. Masonry Openings above include Sill Nose, see Trim Options page for Sill Nose specifications. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

SCALE: 1/4" = 1'

DAYLIGHT & CLEAR OPENING SPECIFICATIONS

Unit Description & Size	Clear Opening			Daylight Opening (sq. ft.)
	Clear Opening (sq.ft.)	Width (in.)	Height (in.)	
SIDELIGHTS				
26x68				10.38
28x68				11.32
30x68				13.21
26x6B				10.84
28x6B				11.82
30x6B				13.79
ENTRY DOORS				
26x68	16.13	30.17	76.97	10.38
28x68 E	17.20 E	32.17 E	76.97 E	11.32 E
30x68 E	19.33 E	36.17 E	76.97 E	13.21 E
26x6B	16.75	30.17	79.97	10.84
28x6B E	17.87 E	32.17 E	79.97 E	11.82 E
30x6B E	20.09 E	36.17 E	79.97 E	13.79 E
CENTER HINGED DOORS				
50x68	14.76	27.61	76.97	20.76
54x68	15.83	29.61	76.97	22.65
60x68 E	17.97 E	33.61 E	76.97 E	26.42 E
50x6B	15.33	27.61	79.97	21.68
54x6B	16.44	29.61	79.97	23.65
60x6B E	18.67 E	33.61 E	79.97 E	27.59 E
3-PANEL DOORS				
76x68	14.73	27.55	76.97	
80x68	15.79	29.55	76.97	
90x68 E	17.93 E	33.55 E	76.97 E	
50x6B	15.30	27.55	79.97	
54x6B	16.41	29.55	79.97	
60x6B E	18.63 E	33.55 E	79.97 E	

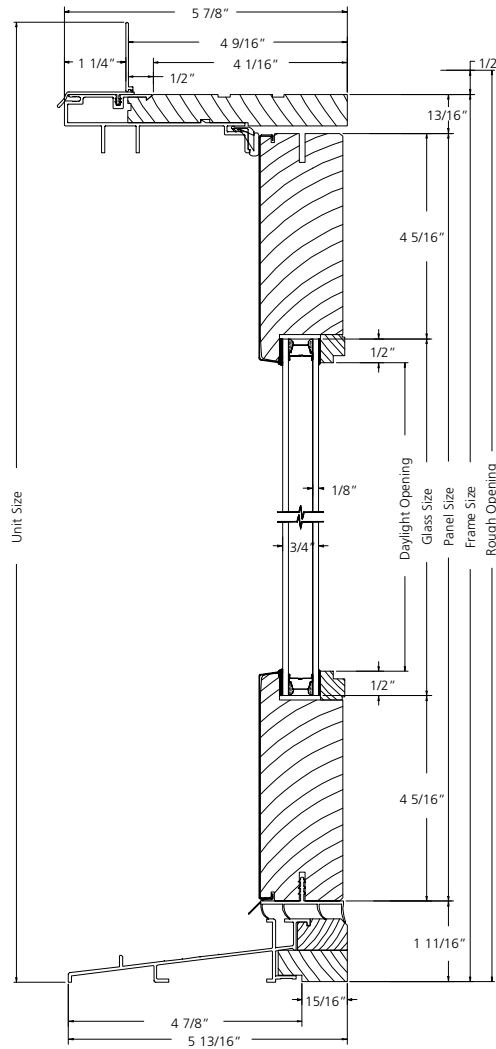
E Meets Egress requirement for Boca code. State and local codes may differ.

Unit Description & Size	Clear Opening								Clear Opening Height (in.)	Daylight Opening (Interior) (sq.ft.)
	Active Panel Open to 90°		Both Panels Open to 90°		Active Panel Open to 180°		Both Panels Open to 180°			
	Width (in.)	Clear Opg. (sq.ft.)	Width (in.)	Clear Opg. (sq.ft.)	Width (in.)	Clear Opg. (sq.ft.)	Width (in.)	Clear Opg. (sq.ft.)		
2- PANEL FRENCH										
50x68	25.70	13.74	53.07	28.37	27.54	14.72	57.06	30.50	76.97	9.02
50x6B	25.70	14.27	53.07	29.47	27.54	15.29	57.06	31.69	79.97	9.42
60x68	31.67	16.93	65.07	34.78	33.54	17.93	69.06	36.91	76.97	11.83
60x6B	31.67	17.59	65.07	36.14	33.54	18.63	69.06	38.35	79.97	12.35

Note: Square feet of clear opening = square feet of vent.
 Some of the primed units have slightly smaller openings.
 Minimum Egress width is 32 inches.
 Minimum Egress height is 6' 8".
 Where openings have two operating leaves with no mullion, one leaf must meet these requirements.
 These minimum requirements do not apply if a means of Egress is provided elsewhere in the building.

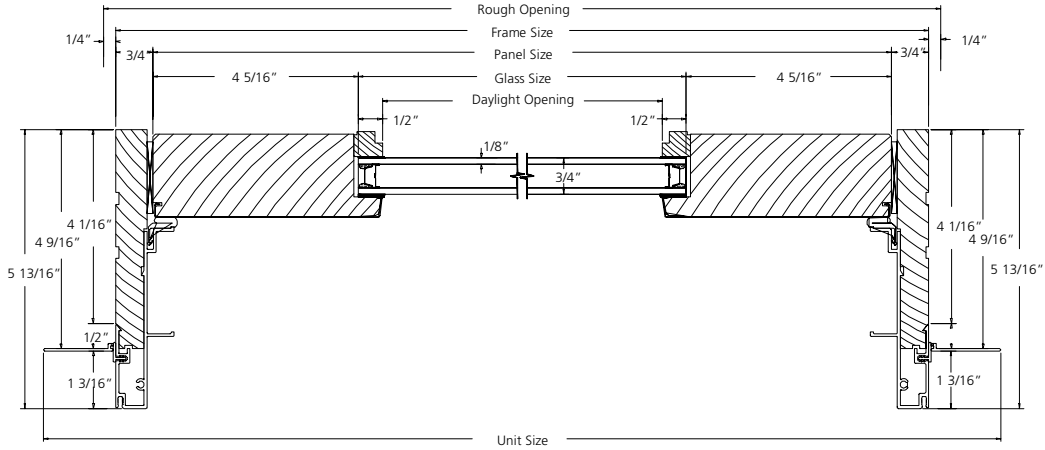
E Meets national Egress requirements

SIDELIGHT DOOR



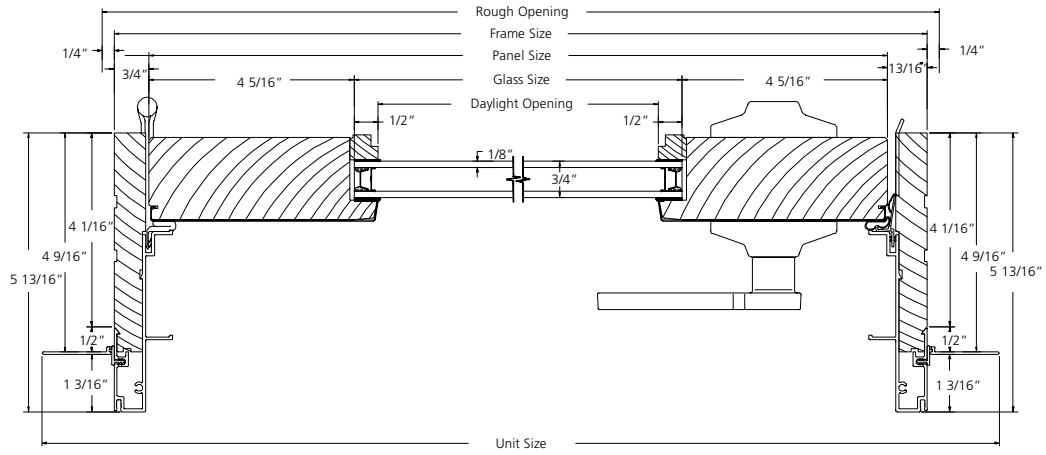
VERTICAL SECTION

SIDELIGHT DOOR



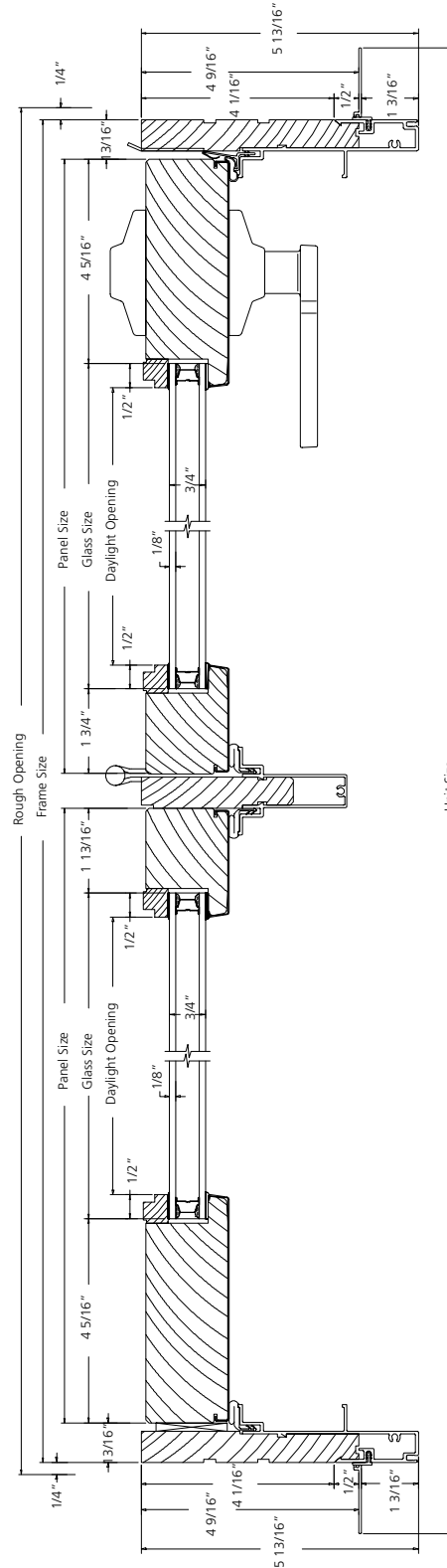
HORIZONTAL SECTION

**ENTRY DOOR
SINGLE PANEL**



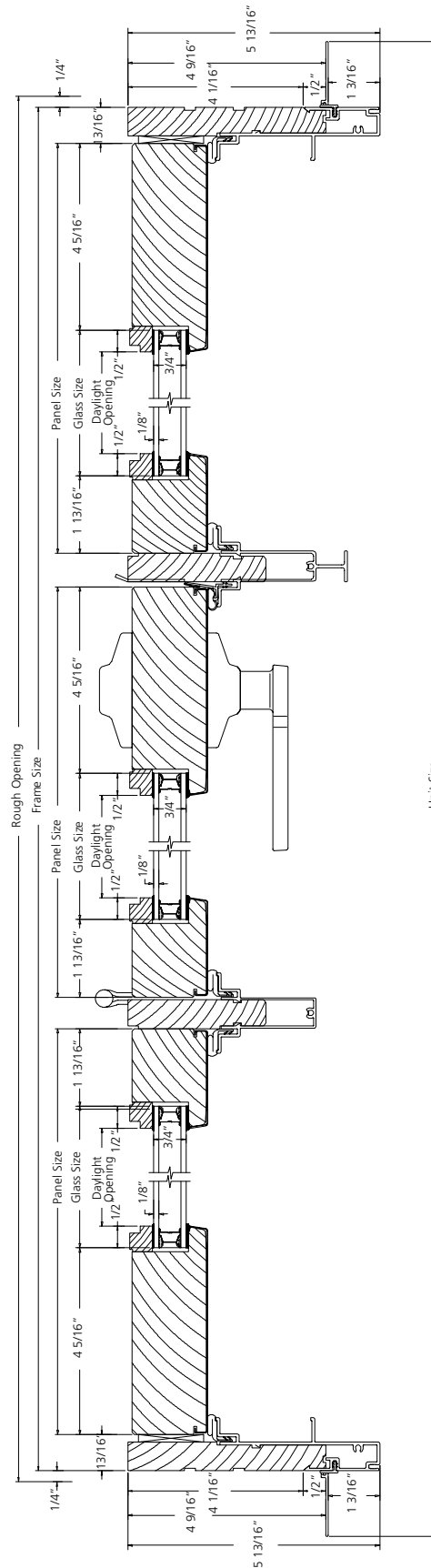
HORIZONTAL SECTION

2-PANEL DOOR



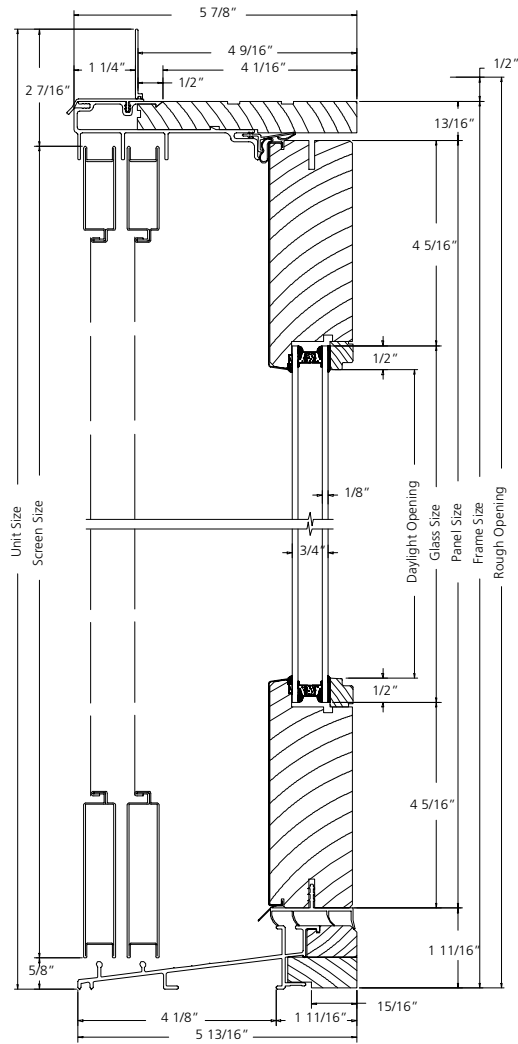
HORIZONTAL SECTION

3-PANEL DOOR



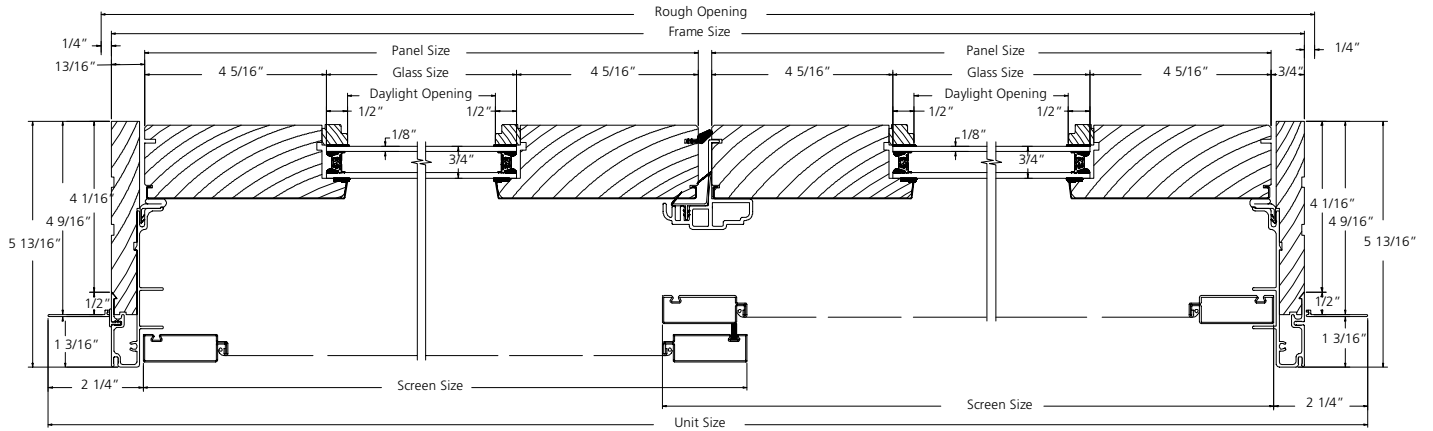
HORIZONTAL SECTION

2-PANEL FRENCH DOOR



VERTICAL SECTION

2-PANEL FRENCH DOOR



HORIZONTAL SECTION

SCALE: 3" = 1'