

# Vivid™ Direct Glaze

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## Unit Features

Vivid™ Direct Glaze Rectangle: VDG

### Frame:

- The frame exterior is made of Ultrex, an advanced pultruded fiberglass material that is resistant to thermal expansion and contraction.
- The frame interiors are made of a proprietary fiberglass reinforced composite material that is extruded into profiles.
- Exterior colors: Stone White, Pebble Gray, Bronze, or Ebony.
- Interior colors: Ebony or Stone White.
- Frame Depth: 3 5/8" (92)
- Jamb Depth: 2 1/2" (64)
- Frame Dimensions: 3 5/8" (92) x 1 5/8" (41)
- Structural components of the frame are Ultrex on the exterior and fiberglass-reinforced composite on the interior.
- Integrated drywall return
- Corner Construction
  - Right angle with 45-degree Ultrex miter and injection molded corner key.

### Jamb Extension:

- Factory applied pine painted to interior finish color.
- Standard jamb depth is 2 1/2" (63). Extension available in three widths:
  - For 4 9/16" jamb depth, 37/64" (15) x 2 1/4" (57)
  - For 6 9/16" jamb depth, 37/64" (15) x 4 1/4" (108)
  - For 6 13/16" jamb depth, 37/64" (15) x 4 1/2" (114)
- Default color will match the unit interior selection. Color selection may optionally differ from the interior color selection of the window frame.

### Installation:

- Factory applied rigid nailing fin is standard.
- If specified on order, structural brackets for masonry applications are available in place of the rigid nailing fin.
- If specified on the order, through-jamb screws are available in place of or in addition to the rigid nailing fin.
- All units include pre-drilled holes for through jamb screws.
- Through-jamb installation is standard on Insert applications.

### Glazing:

- Standard Glazing: Dual-pane, insulated glass with one lite, LowE2 with Argon.
- Exterior glazed with black silicone sealant.
- Dual-pane units are manufactured with a 3/4" (19) or 15/16" (24) IG with Low E1, E2, E3, E2/ERS, E3/ERS or no coatings including argon gas fill.
  - Triple pane units are manufactured with a glass thickness varying from 1 3/16" (30) to 1 5/16" (33) IG with a combination coating consisting of Low E1, E2, E3, E2/ERS, E3/ERS or no coatings including argon gas fill.
- Tempered glass and/or obscure glass, and California Fire glass (annealed exterior and tempered interior glazing configuration) are available as an option.
- The glazing seal is a silicone bedding on the exterior surface with glazing tape on the interior.
- STC/OITC values are available for standard 3.1 mm thickness glass.
  - Optional 3.1/4.7 STC/OITC Upgrade glass is available. See Product Performance chapter for STC and OITC ratings.
- Decorative glass options include frost, glue chip, rain, reed, narrow reed, and tinted (bronze, gray or green). Decorative glass is not available with Low E1, Low E2/ERS Low E3/ERS, triple pane or STC/OITC options.
- Capillary tubes required for IG units at high elevations. Argon not available with capillary tubes.

**Unit Features Continued****RECTANGLES ONLY:****Interior / Exterior Simulated Divided Lites (SDL):**

- Interior bar: Fiberglass Reinforced Composite, 7/8", (22) wide bars, finish to match interior. .
- Exterior bar: Ultrex, 7/8" (22) wide bars, finish to match exterior.
- Pattern: Rectangular, Prairie, Cottage, or Horizontal Trellis style cuts.
- Special size Direct Glaze Rectangle units will default to a 10" (254) daylight opening with a minimum 4" (102) daylight opening available. Due to size limitation, 6 or 9 lite Prairie cut may apply. Default is 9 lite for stand alone units.
- Simulated check rail option: 2" (51). Pattern available: simulated rail in standard center or center specified location with 7/8" patterns above, below or both in patterns of rectangular equal lite or prairie lite cuts.
- SDL with spacer bar available in standard rectangle only with standard lite patterns.
- For triple pane units, the spacer bar is located in both air spaces.
- SDL is unavailable with rain, reed and narrow reed decorative glass. Glue chip requires tempered glass. Tinted glass is not available with spacer bar.

**Grilles-Between-The-Glass (GBG):**

- 23/32" (18) roll-form contoured aluminum bar placed between two panes of glass.
  - Pattern: rectangular, 6 or 9 lite Prairie cut, or Cottage style cut.
  - Exterior color: Stone White, Pebble Gray, Bronze, or Ebony.
  - Interior Color: Stone White, Ebony, or Obscure glass. .
  - For triple pane units, the GBG bar is located in both air spaces.
  - GBGs are not available on tint-glazed units.

**Exterior Casing:**

- Non-integral to the unit.
- Field applied only
- Fastened to the exterior wall with barb and kerf: 2" (51) brick mould casing. Extends 1 11/16" (43) from frame.
- 3 1/2" (89) flat casing available as full surround or with sill nosing. Extends 3 3/16" (81) from frame.
- Sill Nosing extends 1 11/16" (43) from frame
- Also available with 1" (25) ranch style sill and header overhang.

**Minimum and Maximum Guidelines**

Unit Type	Pane Type	Frame Size									Glass Limits	
		Min Width		Min Height		Max Long Frame Dim		Max Short Frame Dim		Max Area	Max Glass Area	
		in	mm	in	mm	in	mm	in	mm	ft <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>
VDG	Dual	12 7/8	(327)	12 7/8	(327)	120	(3048)	72 7/8	(1851)			
	Dual	12 7/8	(327)	12 7/8	(327)	105 7/8	(2689)	85 3/8	(2169)			
	Triple - Tempered	12 7/8	(327)	12 7/8	(327)	99 7/8	(2537)	61 7/8	(1572)			
	Triple - Tempered	12 7/8	(327)	12 7/8	(327)	101 7/8	(2588)	59 7/8	(1521)			
	Triple - Annealed	12 7/8	(327)	12 7/8	(327)	101 7/8	(2588)			37.887**	32.434**	3.013**

\*\* May be less depending on the aspect ratio; refer to OMS.

**Measurement Conversions**

From	To	Width		Height	
		in	mm	in	mm
<b>Frame Measurements</b>					
Masonry Opening	Rough Opening	+ 1/2	(13)	+ 1/4	(6)
OM of Frame	Rough Opening	+ 1	(25)	+ 1/2	(13)
Glass Size	Rough Opening	+ 2 57/64	(73)	+ 2 25/64	(61)
Daylight Opening	Rough Opening	+ 4 1/4	(108)	+ 3 3/4	(95)
Masonry Opening	Inside Opening	-1/8	(3)	0	( )
OM of Frame	Inside Opening	+ 3/8	(10)	+ 1/4	(6)
Glass Size	Inside Opening	+ 2 17/64	(58)	+ 2 9/64	(54)
Daylight Opening	Inside Opening	+ 2 23/64	(60)	+ 3 1/2	(89)

**Certification Sizes and Ratings**

Product	Air Tested to PSF	Water Tested to psf	Design Pressure (DP)	Certification Rating	Max Overall Frame Width		Max Overall Frame Height	
					in	mm	in	mm
Vivid Direct Glaze	1.57	7.52	50	CW-PG50-FW	120	(3048)	72 57/64	(1851)
Vivid Direct Glaze	1.57	7.52	50	CW-PG50-FW	105 57/64	(2690)	85 25/64	(2169)

Standard Size Chart

Standard Direct Glaze Unit Measurements												
Width												
Call Number	Masonry Opening		Rough Opening		Inside Opening		Frame Size		Glass OM		Daylight Opening	
	ft-in	mm	ft-in	mm	ft-in	mm	ft-in	mm	ft-in	mm	in	mm
16	1-5 1/2	(445)	1-6	(457)	1-5 3/8	(441)	1-5	(432)	1-3 7/64	(384)	1-1 3/4	(349)
18	1-7 1/2	(495)	1-8	(508)	1-7 3/8	(492)	1-7	(483)	1-5 7/64	(435)	1-3 3/4	(400)
20	1-11 1/2	(597)	2-0	(610)	1-11 3/8	(594)	1-11	(584)	1-9 7/64	(536)	1-7 3/4	(502)
25	2-4 1/2	(724)	2-5	(737)	2-4 3/8	(721)	2-4	(711)	2-2 7/64	(663)	2-0 3/4	(629)
26	2-5 1/2	(749)	2-6	(762)	2-5 3/8	(746)	2-5	(737)	2-3 7/64	(689)	2-1 3/4	(654)
29	2-8 1/2	(826)	2-9	(838)	2-8 3/8	(822)	2-8	(813)	2-6 7/64	(765)	2-4 3/4	(730)
30	2-11 1/2	(902)	3-0	(914)	2-11 3/8	(899)	2-11	(889)	2-9 7/64	(841)	2-7 3/4	(807)
36	3-5 1/2	(1054)	3-6	(1067)	3-5 3/8	(1051)	3-5	(1041)	3-3 7/64	(993)	3-1 3/4	(959)
40	3-11 1/2	(1207)	4-0	(1219)	3-11 3/8	(1203)	3-11	(1194)	3-9 7/64	(1146)	3-7 3/4	(1111)
46	4-5 1/2	(1359)	4-6	(1372)	4-5 3/8	(1356)	4-5	(1346)	4-3 7/64	(1298)	4-1 3/4	(1264)
50	4-11 1/2	(1511)	5-0	(1524)	4-11 3/8	(1508)	4-11	(1499)	4-9 7/64	(1451)	4-7 3/4	(1416)
56	5-5 1/2	(1664)	5-6	(1676)	5-5 3/8	(1661)	5-5	(1651)	5-3 7/64	(1603)	5-1 3/4	(1569)
60	5-11 1/2	(1816)	6-0	(1829)	5-11 3/8	(1813)	5-11	(1803)	5-9 7/64	(1755)	5-7 3/4	(1721)
66	6-5 1/2	(1969)	6-6	(1981)	6-5 3/8	(1965)	6-5	(1956)	6-3 7/64	(1908)	6-1 3/4	(1873)
70	6-11 1/2	(2121)	7-0	(2134)	6-11 3/8	(2118)	6-11	(2108)	6-9 7/64	(2060)	6-7 3/4	(2026)
76	7-5 1/2	(2273)	7-6	(2286)	7-5 3/8	(2270)	7-5	(2261)	7-3 7/64	(2213)	7-1 3/4	(2178)
80	7-11 1/2	(2426)	8-0	(2438)	7-11 3/8	(2423)	7-11	(2413)	7-9 7/64	(2365)	7-7 3/4	(2331)
86	8-5 1/2	(2578)	8-6	(2591)	8-5 3/8	(2575)	8-5	(2565)	8-3 7/64	(2517)	8-1 3/4	(2483)
90	8-11 1/2	(2731)	9-0	(2743)	8-11 3/8	(2727)	8-11	(2718)	8-9 7/64	(2670)	8-7 3/4	(2635)
96	9-5 1/2	(2883)	9-6	(2896)	9-5 3/8	(2880)	9-5	(2870)	9-3 7/64	(2822)	9-1 3/4	(2788)
100	9-11 1/2	(3035)	10-0	(3048)	9-11 3/8	(3032)	9-11	(3023)	9-9 7/64	(2975)	9-7 3/4	(2940)

Standard Direct Glaze Unit Measurements												
Height												
Call Number	Masonry Opening		Rough Opening		Inside Opening		Frame Size		Glass OM		Daylight Opening	
	ft-in	mm	ft-in	mm	ft-in	mm	ft-in	mm	ft-in	mm	in	mm
16	1-5 3/4	(451)	1-6	(457)	1-5 3/4	(451)	1-5 1/2	(445)	1-3 39/64	(396)	1-2 1/4	(362)
18	1-7 3/4	(502)	1-8	(508)	1-7 3/4	(502)	1-7 1/2	(495)	1-5 39/64	(447)	1-4 1/4	(413)
20	1-11 3/4	(603)	2-0	(610)	1-11 3/4	(603)	1-11 1/2	(597)	1-9 39/64	(549)	1-8 1/4	(515)
26	2-5 3/4	(756)	2-6	(762)	2-5 3/4	(756)	2-5 1/2	(749)	2-3 39/64	(701)	2-2 1/4	(667)
30	2-11 3/4	(908)	3-0	(914)	2-11 3/4	(908)	2-11 1/2	(902)	2-9 39/64	(854)	2-8 1/4	(819)
36	3-5 3/4	(1060)	3-6	(1067)	3-5 3/4	(1060)	3-5 1/2	(1054)	3-3 39/64	(1006)	3-2 1/4	(972)
40	3-11 3/4	(1213)	4-0	(1219)	3-11 3/4	(1213)	3-11 1/2	(1207)	3-9 39/64	(1158)	3-8 1/4	(1124)
46	4-5 3/4	(1365)	4-6	(1372)	4-5 3/4	(1365)	4-5 1/2	(1359)	4-3 39/64	(1311)	4-2 1/4	(1277)
50	4-11 3/4	(1518)	5-0	(1524)	4-11 3/4	(1518)	4-11 1/2	(1511)	4-9 39/64	(1463)	4-8 1/4	(1429)
56	5-5 3/4	(1670)	5-6	(1676)	5-5 3/4	(1670)	5-5 1/2	(1664)	5-3 39/64	(1616)	5-2 1/4	(1581)
60	5-11 3/4	(1822)	6-0	(1829)	5-11 3/4	(1822)	5-11 1/2	(1816)	5-9 39/64	(1768)	5-8 1/4	(1734)
66	6-5 3/4	(1975)	6-6	(1981)	6-5 3/4	(1975)	6-5 1/2	(1969)	6-3 39/64	(1920)	6-2 1/4	(1886)
70	6-11 3/4	(2127)	7-0	(2134)	6-11 3/4	(2127)	6-11 1/2	(2121)	6-9 39/64	(2073)	6-8 1/4	(2039)
76	7-5 3/4	(2280)	7-6	(2286)	7-5 3/4	(2280)	7-5 1/2	(2273)	7-3 39/64	(2225)	7-2 1/4	(2191)
80	7-11 3/4	(2432)	8-0	(2438)	7-11 3/4	(2432)	7-11 1/2	(2426)	7-9 39/64	(2378)	7-8 1/4	(2343)
86	8-5 3/4	(2584)	8-6	(2591)	8-5 3/4	(2584)	8-5 1/2	(2578)	8-3 39/64	(2530)	8-2 1/4	(2496)
90	8-11 3/4	(2737)	9-0	(2743)	8-11 3/4	(2737)	8-11 1/2	(2731)	8-9 39/64	(2682)	8-8 1/4	(2648)
96	9-5 3/4	(2889)	9-6	(2896)	9-5 3/4	(2889)	9-5 1/2	(2883)	9-3 39/64	(2835)	9-2 1/4	(2801)
100	9-11 3/4	(3042)	10-0	(3048)	9-11 3/4	(3042)	9-11 1/2	(3035)	9-9 39/64	(2987)	9-8 1/4	(2953)

**STC/OITC Charts**

**Performance Chart**

Vivid Direct Glaze STC/OITC Ratings							
Frame Type	Exterior Pane (mm)	Airspace (mm)	Interior Glazing or Center Glazing (mm)	Airspace (mm)	Interior Glazing (mm)	STC	OITC
VDG	1/8" (3.1)	1/2" (13.0)	1/8" (3.1)	--	--	27	23
	1/8" (3.1)	7/16" (11.5)	3/16" (4.7)	--	--	30	26
	1/8" (3.1)	3/8" (9.8)	1/8" (3.1)	3/8" (9.8)	1/8" (3.1)	27	23
	3/16" (4.7)	3/8" (9.8)	3/16" (4.7)	3/8" (9.8)	3/16" (4.7)	32	26



**Mulling Information**

**Mulling Guidelines and Performance Ratings**

- Two Mull Systems:
  - Standard Mull: includes mull pin, sealing tape, installation brackets, exterior and interior trim.
  - 1/2" Mull Reinforcement (MRF): 1/2" space mull includes interlocking opposing mull pins, sealing weather strip, installation brackets, exterior and interior trim.
- Prep for field mull option.
  - Jamb Extensions will be shipped separate.
  - Assemblies will be prepared for field mulling by applying as many of the components as possible and providing the required mulling kits automatically. Kits include instructions, mull covers, mull plugs and brackets, shipped separate.

**Performance Ratings**

The total configuration rating is the lowest performance between the units in the mull and the mullion itself. For example, PG50 windows attached with a PG25 mullion have an assembly rated to PG25.

**Standard Mull (PG25)**

- Vertical (Ribbon) Mull
  - **Maximum Factory Assembled (by Frame Size):** not to exceed 144" (3658) x 96" (2438)
  - **Maximum Certified Continuous Span x Tributary Width (Frame Size):** not to exceed 96" (2438) x 72" (1829)
- Horizontal (Stacked) Mulls
  - **Maximum Factory Assembled (by Frame Size):** not to exceed 96" (2438) x 96" (2438)
  - **Maximum Certified Continuous Span x Tributary Width (Frame Size):** not to exceed 96" (3658) x 72" (1829)
- Multi-Wide x Multi-High Mulls: Not Available.

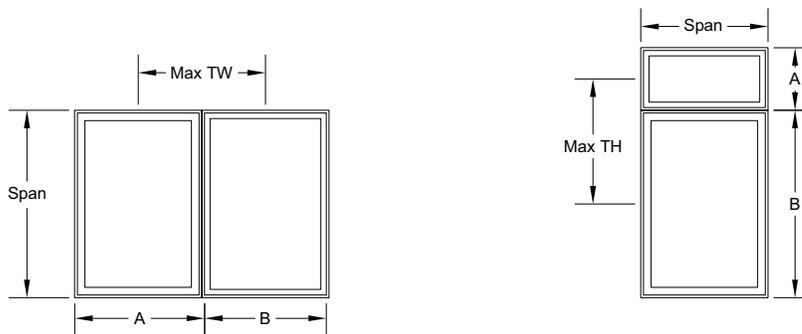
**Mull Reinforcement (PG40)**

- Vertical (Ribbon) Mulls
  - **Maximum Factory Assembled (by Frame Size):** not to exceed 144" (3657) x 96" (2438)
  - **Maximum Certified Continuous Span x Tributary Width (Frame Size):** not to exceed 96" (2438) x 72 1/2" (1841)
- Horizontal (Stacked) Mulls
  - **Maximum Factory Assembled (by Frame Size):** not to exceed 96" (2438) x 96" (2438)
  - **Maximum Certified Continuous Span x Tributary Width (Frame Size):** not to exceed 96" (2438) x 72 1/2" (1841)

**Mull Reinforcement (PG50)**

- Vertical (Ribbon) Mulls
  - **Maximum Factory Assembled (by Frame Size):** not to exceed 112 1/2" (2857) x 96" (2438)
  - **Maximum Certified Continuous Span x Tributary Width (Frame Size):** not to exceed 96" (2438) x 56 1/2" (1435)
- Horizontal (Stacked) Mulls
  - **Maximum Factory Assembled (by Frame Size):** not to exceed 96" (2438) x 96" (2438)
  - **Maximum Certified Continuous Span x Tributary Width (Frame Size):** not to exceed 96" (2438) x 56 1/2" (1435)
- Multi-Wide x Multi-High Mulls
  - **Maximum Factory Assembled (by Frame Size):** not to exceed 96" (2438) x 96" (2438)
  - **Maximum Certified Continuous Span x Tributary Width (Frame Size):** not to exceed 96" (2438) x 48 1/4" (1225)

Tributary Width (TW) or Height (TH) =  $(A+B)/2+(S)$ , where (S) = 0 for Standard Mulls and (S)=1/2" for MRF Mulls. (S) is not Span, but it is the space between mulls.



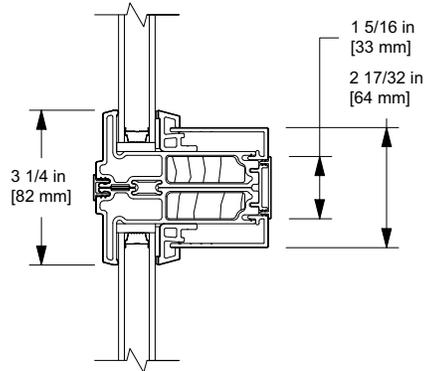
*NOTE: Field mulling window assemblies beyond the above limitations is not recommended and not certified.*

**Mulling Information**

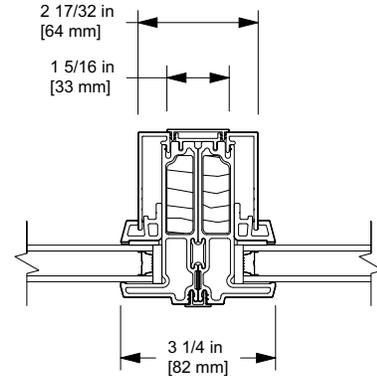
**Section Details**

**Standard Mull (Frame-to-Frame)**

- Mull certification includes 6" split mull gussets for field mulls or 12" mull gussets for factory mulls at all mull joints.
- Configurations not offered: Stepped mulls, Palladians, Polygon Shapes.

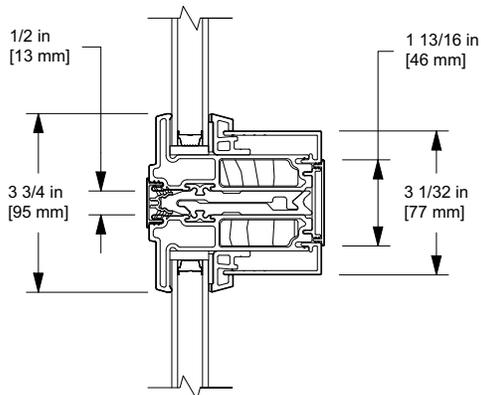


Horizontal Standard Mull

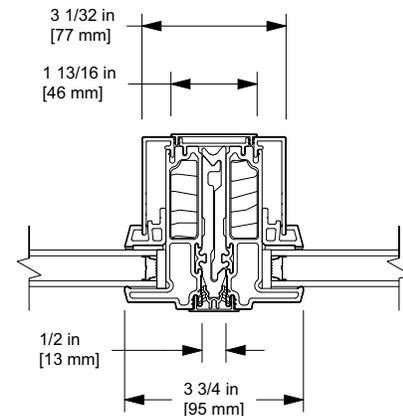


Vertical Standard Mull

**Mull Reinforcement (MRF)**

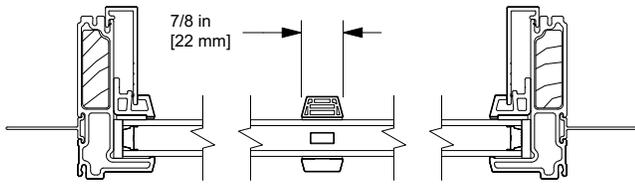


Horizontal Mull Reinforcement

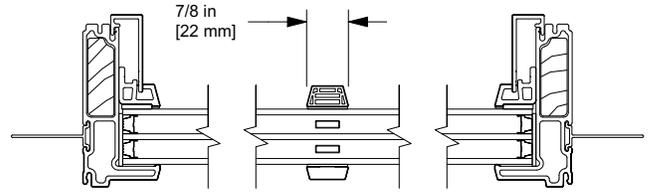


Vertical Mull Reinforcement

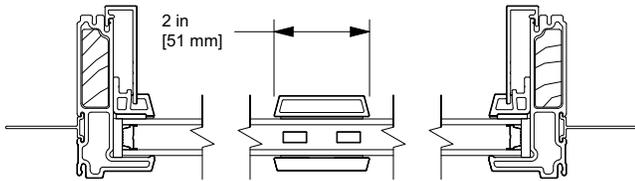
**Divided Lite Options**



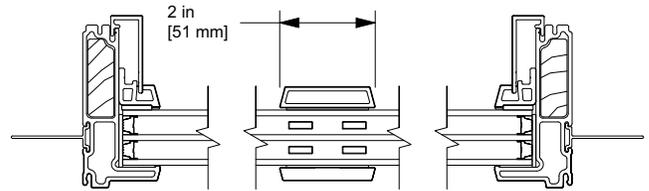
SDL, 7/8 inch



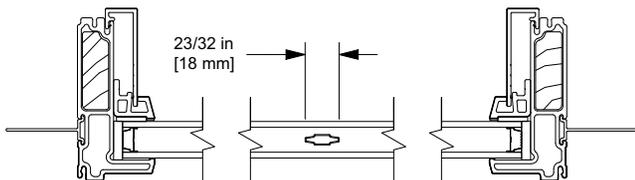
SDL, 7/8 inch



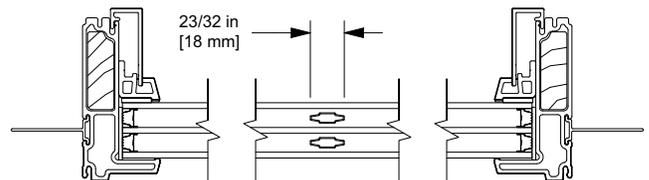
Simulated Check Rail



Simulated Check Rail



GBG, Contoured



GBG, Contoured

**Divided Lite Patterns**

**Default Rectangular Lite Pattern - GBG or SDLS**

Standard CN Height	Standard CN Width													
	16	18	20	25	26	29	30	36	40	46	50	56	60	66
16	2W2H	2W2H	2W2H	3W2H	3W2H	3W2H	3W2H	4W2H	4W2H	5W2H	5W2H	6W2H	6W2H	7W2H
18	2W2H	2W2H	2W2H	3W2H	3W2H	3W2H	3W2H	4W2H	4W2H	5W2H	5W2H	6W2H	6W2H	7W2H
20	2W2H	2W2H	2W2H	3W2H	3W2H	3W2H	3W2H	4W2H	4W2H	5W2H	5W2H	6W2H	6W2H	7W2H
26	2W2H	2W2H	2W2H	3W2H	3W2H	3W2H	3W2H	4W2H	4W2H	5W2H	5W2H	6W2H	6W2H	7W2H
30	2W2H	2W2H	2W2H	3W2H	3W2H	3W2H	3W2H	4W2H	4W2H	5W2H	5W2H	6W2H	6W2H	7W2H
36	2W3H	2W3H	2W3H	3W3H	3W3H	3W3H	3W3H	4W3H	4W3H	5W3H	5W3H	6W3H	6W3H	7W3H
40	2W3H	2W3H	2W3H	3W3H	3W3H	3W3H	3W3H	4W3H	4W3H	5W3H	5W3H	6W3H	6W3H	7W3H
46	2W4H	2W4H	2W4H	3W4H	3W4H	3W4H	3W4H	4W4H	4W4H	5W4H	5W4H	6W4H	6W4H	7W4H
50	2W4H	2W4H	2W4H	3W4H	3W4H	3W4H	3W4H	4W4H	4W4H	5W4H	5W4H	6W4H	6W4H	7W4H
56	2W5H	2W5H	2W5H	3W5H	3W5H	3W5H	3W5H	4W5H	4W5H	5W5H	5W5H	6W5H	6W5H	7W5H
60	2W5H	2W5H	2W5H	3W5H	3W5H	3W5H	3W5H	4W5H	4W5H	5W5H	5W5H	6W5H	6W5H	7W5H
66	2W6H	2W6H	2W6H	3W6H	3W6H	3W6H	3W6H	4W6H	4W6H	5W6H	5W6H	6W6H	6W6H	7W6H
70	2W6H	2W6H	2W6H	3W6H	3W6H	3W6H	3W6H	4W6H	4W6H	5W6H	5W6H	6W6H	6W6H	7W6H
76	2W7H	2W7H	2W7H	3W7H	3W7H	3W7H	3W7H	4W7H	4W7H	5W7H	5W7H	6W7H	6W7H	7W7H
80	2W7H	2W7H	2W7H	3W7H	3W7H	3W7H	3W7H	4W7H	4W7H	5W7H	5W7H	6W7H	6W7H	7W7H
86	2W8H	2W8H	2W8H	3W8H	3W8H	3W8H	3W8H	4W8H	4W8H	5W8H	5W8H	6W8H	6W8H	7W8H
90	2W8H	2W8H	2W8H	3W8H	3W8H	3W8H	3W8H	4W8H	4W8H	5W8H	5W8H	6W8H	6W8H	7W8H
96	2W9H	2W9H	2W9H	3W9H	3W9H	3W9H	3W9H	4W9H	4W9H	5W9H	5W9H	6W9H	6W9H	7W9H
100	2W9H	2W9H	2W9H	3W9H	3W9H	3W9H	3W9H	4W9H	4W9H	5W9H	5W9H	6W9H	6W9H	7W9H

**Optional Standard Cottage Pattern - GBG or SDLS**

Standard CN Height	Standard CN Width													
	16	18	20	25	26	29	30	36	40	46	50	56	60	66
All Heights	4-Lite	4-Lite	4-Lite	4-Lite	4-Lite	4-Lite	4-Lite	5-Lite	5-Lite	6-Lite	6-Lite	7-Lite	8-Lite	8-Lite

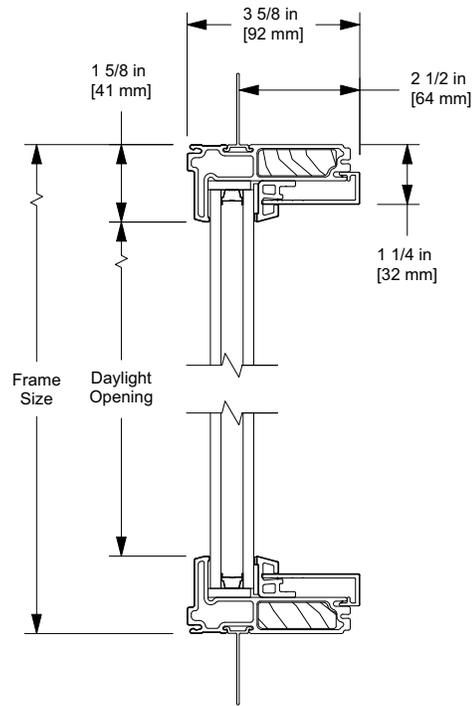
**Default Rectangular Lite Pattern - GBG or SDLS**

Standard CN Height	Standard CN Width						
	70	76	80	86	90	96	100
16	7W2H	8W2H	8W2H	9W2H	9W2H	10W2H	10W2H
18	7W2H	8W2H	8W2H	9W2H	9W2H	10W2H	10W2H
20	7W2H	8W2H	8W2H	9W2H	9W2H	10W2H	10W2H
26	7W2H	8W2H	8W2H	9W2H	9W2H	10W2H	10W2H
30	7W2H	8W2H	8W2H	9W2H	9W2H	10W2H	10W2H
36	7W3H	8W3H	8W3H	9W3H	9W3H	10W3H	10W3H
40	7W3H	8W3H	8W3H	9W3H	9W3H	10W3H	10W3H
46	7W4H	8W4H	8W4H	9W4H	9W4H	10W4H	10W4H
50	7W4H	8W4H	8W4H	9W4H	9W4H	10W4H	10W4H
56	7W5H	8W5H	8W5H	9W5H	9W5H	10W5H	10W5H
60	7W5H	8W5H	8W5H	9W5H	9W5H	10W5H	10W5H
66	7W6H	8W6H	8W6H	9W6H	9W6H	10W6H	10W6H
70	7W6H	8W6H	8W6H	9W6H	9W6H	10W6H	10W6H
76	7W7H	8W7H	8W7H	9W7H	9W7H	10W7H	10W7H
80	7W7H	8W7H	8W7H	9W7H	9W7H	10W7H	10W7H
86	7W8H	8W8H	8W8H	9W8H	9W8H	10W8H	10W8H
90	7W8H	8W8H	8W8H	9W8H	9W8H	10W8H	10W8H
96	7W9H	8W9H	8W9H	9W9H	9W9H	10W9H	10W9H
100	7W9H	8W9H	8W9H	9W9H	9W9H	10W9H	10W9H

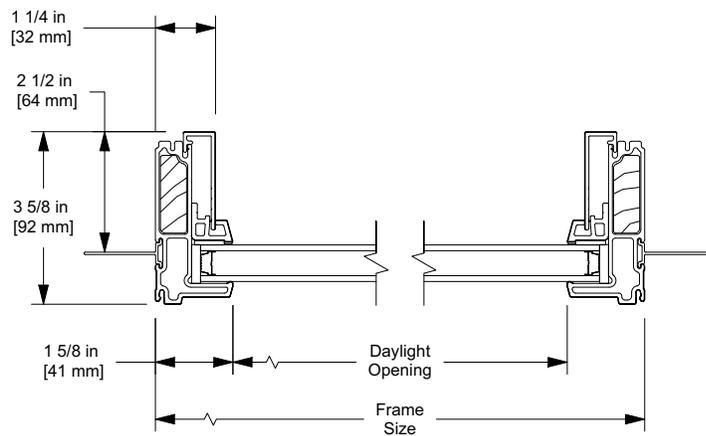
**Optional Standard Cottage Pattern - GBG or SDLS**

Standard CN Height	Standard CN Width						
	70	76	80	86	90	96	100
All Heights	9-Lite	9-Lite	10-Lite	10-Lite	11-Lite	11-Lite	12-Lite

**Section Details: Dual Pane IG**

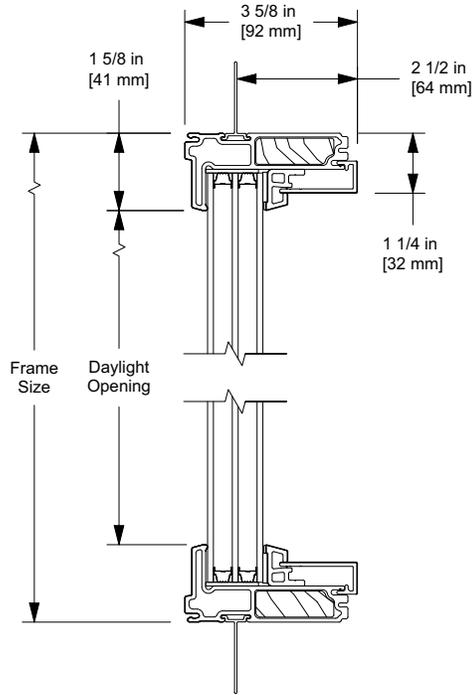


**Head Jamb and Sill**

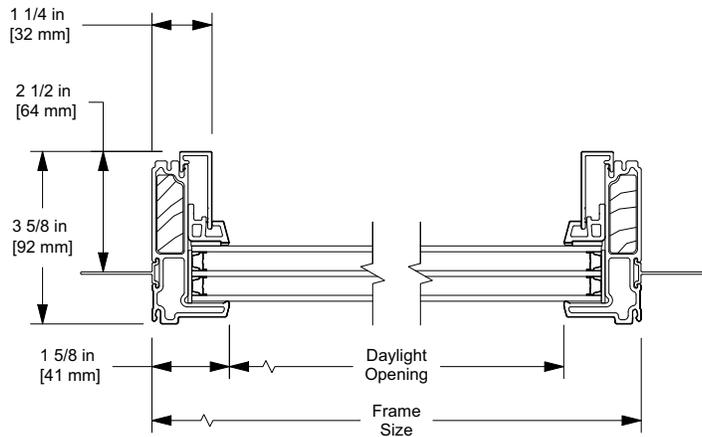


**Side Jamb**

**Section Details: Triple Pane IG**

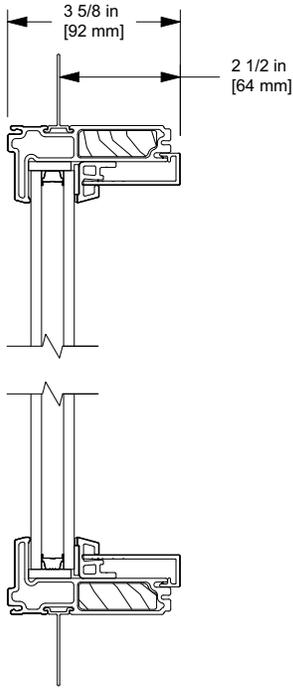


**Head Jamb and Sill**

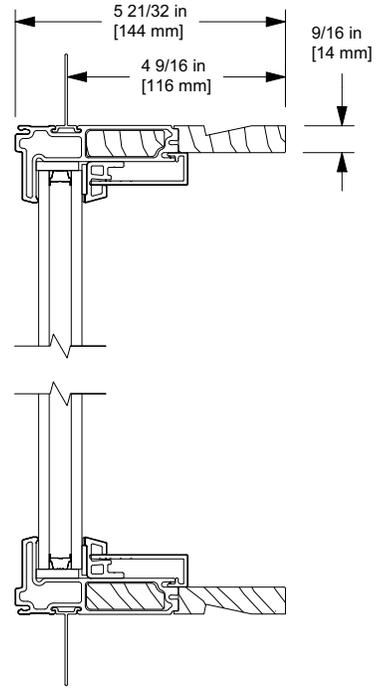


**Side Jambs**

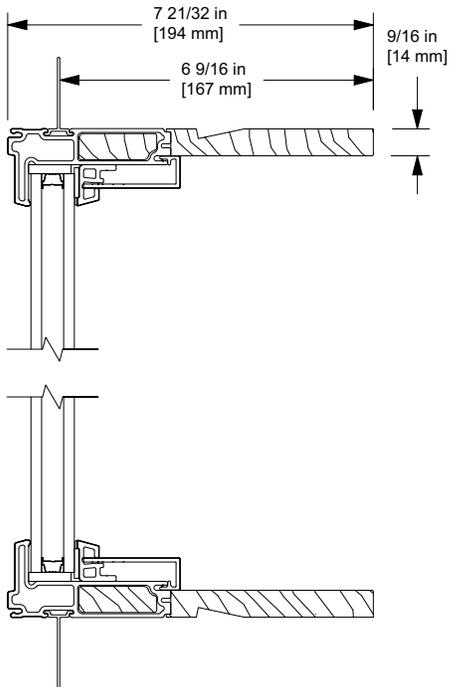
**Jamb Extension Options**



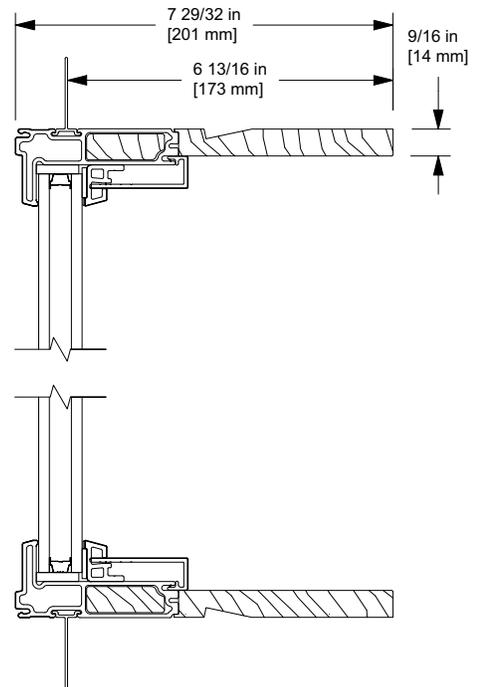
Standard Jamb Depth



4 9/16 inch Jamb



6 9/16 inch Jamb



6 13/16 inch Jamb