Product Selection Guide

Size Tables

Detailed Product Descriptions

Unit Sections

	Clad	Wood
Sizes		
Standard vent sizes	●	●
Special sizes available	●	●

Standard	Options / Upgrades
Glazing	
Glazing Type	
Dual-Pane Insulating Glass	—
Insulated Glass Options/Low-E Types	
Advanced Low-E	SunDefense™ Low-E
	AdvancedComfort Low-E
	NaturalSun Low-E
	Clear (no Low-E coating)
Additional Glass Options	
Annealed Glass	Tempered Glass
	Obscure Glass [1]
	Tinted Glass (Bronze, Gray and Green)
Gas Fill/High Altitude	
Argon	High altitude (with air)
Wood Types	
Pine	Mahogany, Douglas Fir
Exterior	
Exterior Sash Profile	
Ogee - clad, Putty - wood	Putty - clad
Exterior Finish	
EnduraClad® protective finish	EnduraClad Plus protective finish, Factory Primed Pine wood exterior, Unfinished Mahogany wood exterior
Cladding Colors [1]	
Standard colors	Feature Colors, Custom Colors
Interior	
Interior Sash Profile	
Ogee	—
Interior Finish	
Unfinished wood	Factory primed [2], Factory prefinished paint [2], Factory prefinished stain
Hardware	
Champagne, White or Brown	Satin Brass, Satin Nickel or Oil-Rubbed Bronze
Sash Locks	
Multi-point® System	—
Grilles	
Integral Light Technology® Grilles	
—	Traditional, Prairie, Top Row, Cross, New England, Victorian, Simulated French, Custom
Grilles-Between-the-Glass	
—	Traditional, Prairie, Cross, Top Row [1], Custom-Equally Divided
Screens	
—	InView™ screens

(1) Contact your local Pella sales representative for current designs and color options.
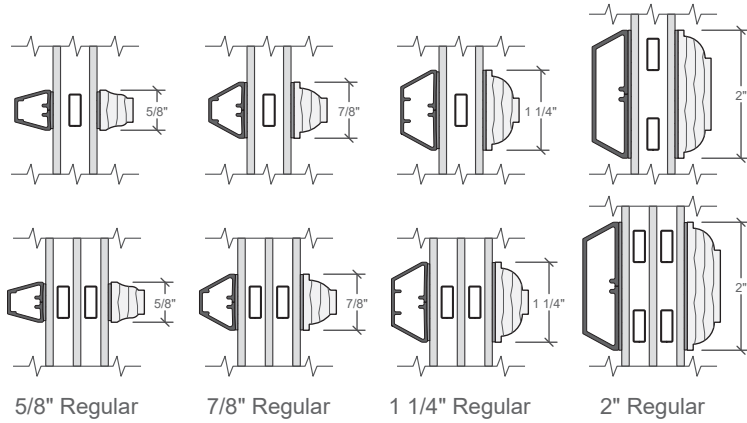
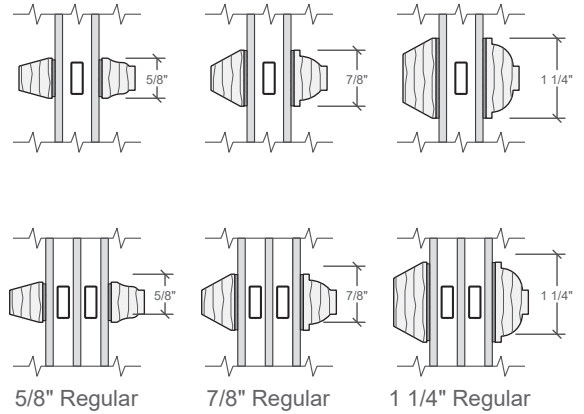(2) Not available on Mahogany and Douglas Fir interiors.

Traditional Style Collection - Integral Light Technology ®

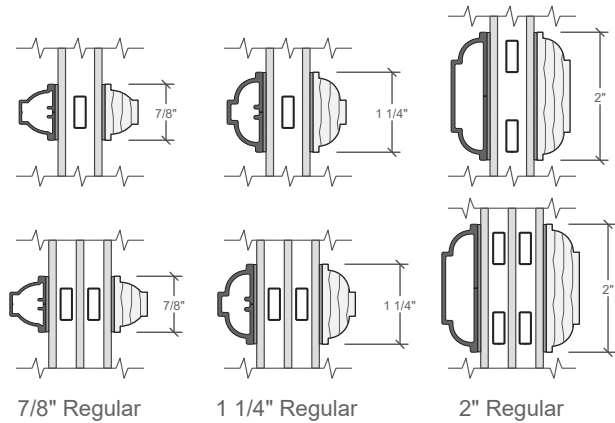**Putty Glaze and Ogee Grilles**
Clad Exterior - Wood Interior

5/8"	7/8"	1 1/4"	2"
5/8"	7/8"	1 1/4"	2"
5/8" Regular	7/8" Regular	1 1/4" Regular	2" Regular

Putty Glaze and Ogee Grilles
Wood Exterior - Wood Interior

5/8"	7/8"	1 1/4"
5/8"	7/8"	1 1/4"
5/8" Regular	7/8" Regular	1 1/4" Regular

Ogee Grilles
Clad Exterior - Wood Interior

7/8"	1 1/4"	2"
7/8"	1 1/4"	2"
7/8" Regular	1 1/4" Regular	2" Regular

Grilles-Between-the-Glass

3/4"	3/4"
3/4" Contoured	3/4" Contoured
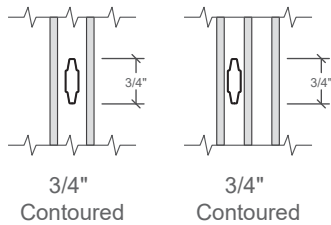
Interior ILT grilles available in Pine, Mahogany or Douglas Fir to match complete unit.

Wood exterior ILT grilles available in Pine or Mahogany to match complete unit.

Integral Light Technology® Grilles

Prairie Lite Patterns

9-Lite   12-Lite   14-Lite

Standard corner lite dimension for Prairie patterns = 2-1/2" VG.

9-Lite

- Available in all standard and special sizes.
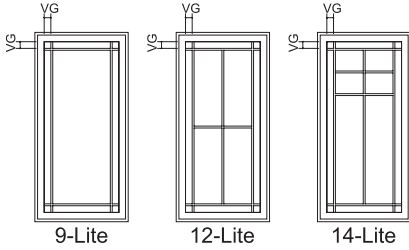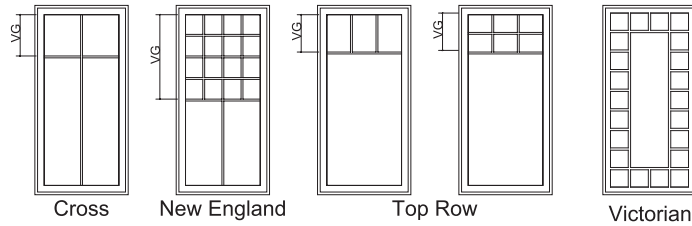
12-Lite

- Available in units ≥ 2'0" in width and ≥ 2'0" in height.

14-Lite

- Available in units ≥ 2'0" in width and ≥ 3'0" in height.

Other Available ILT Grille Patterns

Cross   New England   Top Row   Victorian

Cross

- Standard visible glass to separator bar dimension = one-quarter of total visible glass height.
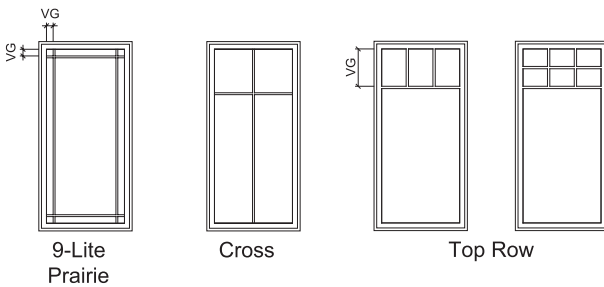
New England

- Standard visible glass to separator bar = half of total visible glass height.

Top Row

- Standard visible glass to separator bar = 14" or half of total visible glass height, whichever is smaller.

Grilles-Between-the-Glass

Available GBG Grille Patterns

9-Lite Prairie   Cross   Top Row

Cross

- Available for units with frame heights ≥ 17".
- Standard visible glass to separator bar = 1/4 of total visible glass height.

Top Row

- Standard visible glass to separator bar = 14"for frame heights > 35".
- Standard visible glass to separator bar = 12"for 35" frame heights and optional for 41" frame height.
- Separator bar at 12" or 16" optional for frames heights > 41".

For traditional patterns, see size tables.

VG = Visible Glass

Lite dimensions noted can vary.

Custom configurations are also available, for details contact your local Pella sales representative.

Vent and Fixed Units

		(451)(432) 1' 5³/₄" Opening, 1' 5" Frame	(552)(533) 1' 9³/₄" Opening, 1' 9" Frame	(603)(584) 1' 11³/₄" Opening, 1' 11" Frame	(654)(635) 2' 1³/₄" Opening, 2' 1" Frame	(756)(737) 2' 5³/₄" Opening, 2' 5" Frame	(908)(889) 2' 11³/₄" Opening, 2' 11" Frame
(908)(889)	2' 11³/₄" / 2' 11"	1735	2135	2335	2535	2935	3535 E₁
(1 060)(1 041)	3' 5³/₄" / 3' 5"	1741	2141	2341	2541	2941 E₁	3541 E
(1 213)(1 194)	3' 11³/₄" / 3' 11"	1747	2147	2347	2547	2947 E	3547 E
(1 365)(1 346)	4' 5³/₄" / 4' 5"	1753	2153	2353	2553	2953 E	3553 E
(1 518)(1 499)	4' 11³/₄" / 4' 11"	1759	2159	2359	2559	2959 E	3559 E
(1 670)(1 651)	5' 5³/₄" / 5' 5"	1765	2165	2365	2565	2965 E	3565 E
(1 822)(1 803)	5' 11³/₄" / 5' 11"				2571	2971 E	3571 E
(1 873)(1 854)	6' 1³/₄" / 6' 1"				2573	2973 E	3573 E

Egress Notes:

Check all applicable local codes for emergency egress requirements.

E = Window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E₁ = Window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

Not to scale.

Traditional grille patterns shown. Refer to grille section for additional patterns and profiles.

Contact your local Pella representative for the availability of custom sizes smaller or larger than the parameters shown.

Vent							
Unit	Egress	Clear Opening (inches)			Vent Area Ft²	Visible Glass Ft²	Frame Area Ft²
		Width	Height	Ft²			
1735		10	29	2.0	2.0	1.4	4.1
1741		10	35	2.4	2.4	1.7	4.8
1747		10	41	2.9	2.9	2.0	5.5
1753		10	47	3.3	3.3	2.4	6.3
1759		10	53	3.7	3.7	2.7	7.0
1765		10	59	4.1	4.1	3.0	7.7
2135		14	29	2.8	2.8	2.1	5.1
2141		14	35	3.4	3.4	2.6	6.0
2147		14	41	4.0	4.0	3.1	6.9
2153		14	47	4.6	4.6	3.6	7.7
2159		14	53	5.2	5.2	4.1	8.6
2165		14	59	5.8	5.8	4.5	9.5
2335		16	29	3.2	3.2	2.5	5.6
2341		16	35	3.9	3.9	3.0	6.5
2347		16	41	4.6	4.6	3.6	7.5
2353		16	47	5.2	5.2	4.2	8.5
2359		16	53	5.9	5.9	4.8	9.4
2365		16	59	6.6	6.6	5.3	10.4
2535		18	29	3.6	3.6	2.8	6.1
2541		18	35	4.4	4.4	3.5	7.1
2547		18	41	5.1	5.1	4.1	8.2
2553		18	47	5.9	5.9	4.8	9.2
2559		18	53	6.6	6.6	5.4	10.2
2565		18	59	7.4	7.4	6.1	11.3
2571		18	65	8.1	8.1	6.8	12.3
2573		18	67	8.4	8.4	7.0	12.7
2935		22	29	4.4	4.4	3.5	7.0
2941	E1	22	35	5.4	5.4	4.4	8.3
2947	E	22	41	6.3	6.3	5.2	9.5
2953	E	22	47	7.2	7.2	6.0	10.7
2959	E	22	53	8.1	8.1	6.8	11.9
2965	E	22	59	9.0	9.0	7.6	13.1
2971	E	22	65	10.0	10.0	8.5	14.3
2973	E	22	67	10.3	10.3	8.7	14.7
3535	E1	28	29	5.6	5.6	4.6	8.5
3541	E	28	35	6.8	6.8	5.7	10.0
3547	E	28	41	8.0	8.0	6.8	11.4
3553	E	28	47	9.2	9.2	7.8	12.9
3559	E	28	53	10.3	10.3	8.9	14.3
3565	E	28	59	11.5	11.5	10.0	15.8
3571	E	28	65	12.7	12.7	11.0	17.3
3573	E	28	67	13.0	13.0	11.4	17.7
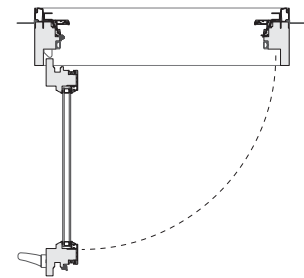
Vent sash operation is limited to 90°

Egress Notes:

Check all applicable local codes for emergency egress requirements.

E = Window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E1 = Window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

To convert area to square meters (m²), multiply square feet by 0.0929.

Frame

- Select woods, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are [pine] [mahogany] [douglas fir] (standard rectangular units only). Any curved member may have visible finger-jointed surfaces.
- Exterior surfaces are clad with aluminum.
- Overall frame depth is 5" (127mm) for a wall depth of 3-11/16" (94mm).
- Optional factory-applied jamb extensions available between 4-9/16" (116mm) and 7-3/16" (183mm) wall depths.

Sash

- Select woods, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are clear [pine] [mahogany] [douglas fir] (standard rectangular units only). Any curved member may have visible finger-jointed surfaces.
- Exterior surfaces are clad with aluminum and sealed.
- Corners mortised and tenoned, glued and secured with metal fasteners.
- Sash thickness is 2-3/4" (69 17/20 mm) for [11/16"] or [1"] glazings.
- Exterior sash profile is [ogee] [putty glaze], interior sash profile is ogee.

Weatherstripping

- Dual weatherstripping.
    - A foam filled close cell sheathed weatherstrip on the full frame perimeter is compressed between frame and sash for positive seal on all four sides.
    - Secondary leaf-type weatherstrip between edge of sash and frame.

Glazing System [1]

- Quality float glass complying with ASTM C 1036.
- Silicone-glazed 11/16" dual-seal insulating glass [[annealed] [tempered]] [[clear] [Advanced Low-E coated with argon]] [SunDefense™ Low-E with Argon] [AdvancedComfort Low-E] [NaturalSun Low-E] [[bronze] [gray] [green] air-filled Advanced Low-E coated]].
- Custom and high altitude glazing available for 11/16" glazing only.

                          – or –

- Silicone-glazed triple-pane 1-1/16" dual-seal insulating glass [[annealed] [tempered]] [[Advanced Low-E with argon] [Advanced Low-E with krypton] [SunDefense™ Low-E with argon] [SunDefense™ Low-E with krypton] [NaturalSun Low-E with krypton] [Obscure [standard] [fern]].

Exterior

- Exterior aluminum surfaces are finished with EnduraClad® multi-stage finish system.
    - Color is [Standard] [Feature] [custom] [2].

                          – or –

- Exterior aluminum surfaces are finished with EnduraClad Plus 70% fluoropolymer-based multi-stage finish system.
    - Color is [Standard] [Feature] [custom] [2].

Interior

- [Unfinished, ready for site finishing] [Factory-primed with one coat acrylic latex] [Pine: [Factory prefinished [paint] [stain] [2]].

Hardware

- Multi-point lock system—A single handle locking system engages multiple locking points around the sash.
- Finish of handle is [baked enamel, [Champagne] [White] [Brown]] [Satin Brass] [Satin Nickel] [Oil-Rubbed Bronze]. All vent units are available with left- or right-hand hinging.

Optional Products

Grilles

- Integral Light Technology® Grilles
    - Interior grilles are [5/8"] [7/8"] [1-1/4"] [2"] ogee profile that are solid [Pine] [Mahogany] [Douglas Fir]. Interior surfaces are [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [paint] [stain] [2]].
    - Exterior grilles are [5/8" putty profile] [7/8" [putty] [ogee] profile] [1-1/4" [putty] [ogee] profile] [2" ogee profile] that are extruded aluminum.
    - Patterns are [Traditional] [Prairie] [Top Row] [Cross] [New England] [Victorian] [Simulated French].
    - Insulating glass contains non-glare spacer between the panes of glass.
    - Bars are adhered to both sides of the insulating glass with VHB acrylic adhesive tape and aligned with the non-glare spacer

                          – or –

- Grilles-Between-the-Glass [3]
    - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass (exterior air-space on triple-pane insulating glass).
    - Patterns are [Traditional] [Prairie] [Cross] [Top Row] [Custom – Equally Divided].
    - Interior color is [Black] [White] [Brown [4]] [Fossil] [Harvest] [Cordovan] [Ivory] [Tan [4]] [Brickstone] [Putty [4]].
    - Exterior color [5] is [Standard] [Feature] [2].

Screens

- InView™ Fiberglass
    - Black vinyl-coated 18/18 mesh fiberglass screen cloth complying with SMA 1201, set in aluminum frame fitted to outside of window, supplied complete with all necessary hardware.
    - Screen frame finish is baked enamel, color to match window cladding.

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(1) Insulating glass with argon is Low-E coated (except high altitude). All other insulating glass (including high altitude Low-E) is air-filled.

(2) Contact your local Pella sales representative for current color options.

(3) Available in clear or Low-E and obscure insulating glass.

(4) Tan, Brown and Putty Interior GBG colors are available in single-tone (Brown/Brown, Tan/Tan or Putty/Putty). Other interior colors are also available with Tan or Brown exterior.

(5) Appearance of exterior grille color will vary depending on Low-E coating on glass.

Frame

- Select woods, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are [Pine] [Mahogany] (standard rectangular windows only). Any curved member may have visible finger-jointed surfaces.
- Exterior surfaces are [Pine: primed] [Mahogany: [primed] [ready-to-stain]].
- Overall frame depth is 4-3/8" (111mm) for a wall depth of 4-3/16" (106mm).
- Optional factory-applied jamb extensions available between 4-9/16" (116mm) and 7-3/16" (183mm) wall depths, with Pella's standard wood exterior trim.

Sash

- Select woods, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are [Pine] [Mahogany] (standard rectangular windows only). Any curved member may have visible finger-jointed surfaces.
- Exterior surfaces are [Pine: primed] [Mahogany: [primed] [ready-to-stain]].
- Corners mortised and tenoned, glued and secured with metal fasteners.
- Sash thickness is 2-3/4" (70mm) for [11/16"] or [1"] glazing.
- Exterior sash profile is putty glaze, interior sash profile is ogee.

Weatherstripping

- Dual weatherstripping.
  - A foam filled close cell sheathed weatherstrip on the full frame perimeter is compressed between frame and sash for positive seal on all four sides.
  - Secondary leaf-type weatherstrip between edge of sash and frame.

Glazing System [1]

- Quality float glass complying with ASTM C 1036.
- Silicone-glazed 11/16" dual-seal insulating glass [[annealed] [tempered]] [[clear] [Advanced Low-E coated with argon]] [SunDefense™ Low-E with Argon] [AdvancedComfort Low-E] [NaturalSun Low-E] [[bronze] [gray] [green] air-filled Advanced Low-E coated]].
- Custom and high altitude [with argon] glazing available.
  – or –
- Silicone-glazed triple-pane 1-1/16" dual-seal insulating glass [[annealed] [tempered]] [[Advanced Low-E with argon] [Advanced Low-E with krypton] [SunDefense™ Low-E with argon] [SunDefense™ Low-E with krypton] [NaturalSun Low-E with krypton] [Obscure [standard] [fern]].

Interior

- [Unfinished, ready for site finishing] [primed with one coat acrylic latex] [Pine: [Factory prefinished [White] [Bright White] [Linen White] [stain [3]]].

Hardware

- Multi-point lock system—A single handle locking system engages multiple locking points around the sash.
- Finish of handle is [baked enamel, [Champagne] [White] [Brown]] [Satin Brass] [Satin Nickel] [Oil-Rubbed Bronze]. All vent units are available with left- or right-hand hinging.

Optional Products

Grilles

- Integral Light Technology® grilles
  - Interior grilles are [5/8"] [7/8"] [1-1/4"] [2"] ogee profile that are solid [pine] [mahogany]. Interior surfaces are [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [paint] [stain] [3]].
  - Exterior grilles are solid [5/8" putty profile] [7/8" [putty] [ogee] profile] [1-1/4" [putty] [ogee] profile] [2" ogee profile] that are [pine] [mahogany]. Exterior surfaces are water repellent, preservative-treated in accordance with WDMA I.S.-4, and are [unfinished, ready for site finishing] [factory primed].
  - Patterns are [Traditional] [Prairie] [Top Row] [Cross] [New England] [Victorian] [Simulated French].
  - Insulating glass contains non-glare spacer between the panes of glass.
  - Grilles are adhered to both sides of the insulating glass with VHB acrylic adhesive tape and aligned with the non-glare spacer.
    – or –
- Grilles-Between-the-Glass [2]
  - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
  - Patterns are [Traditional] [Prairie] [Cross] [Top Row] [Custom – Equally Divided].
  - Interior color is [Black] [White] [Brown [4]] [Fossil] [Harvest] [Cordovan] [Ivory] [Tan [4]] [Brickstone] [Putty [4]].
  - Exterior color [5] is [standard [3]].

Screens

- InView™ Screens
  - Black vinyl-coated 18/18 mesh fiberglass screen cloth complying with SMA 1201, set in aluminum frame fitted to outside of window, supplied complete with all necessary hardware.
  - Screen frame finish is [baked enamel, white] [feature [3]].

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(1) Insulating glass with argon is Low-E coated. All other insulating glass is air-filled.

(2) Available in clear, Low-E and obscure insulating glass.

(3) Contact your local Pella sales representative for current color options.
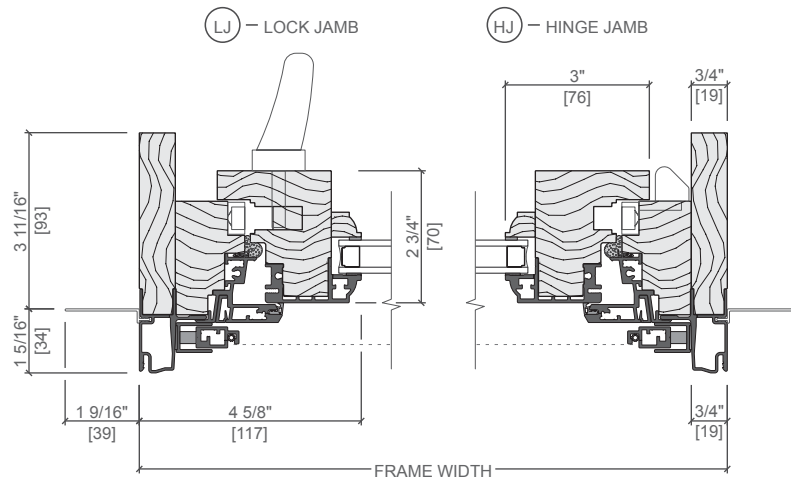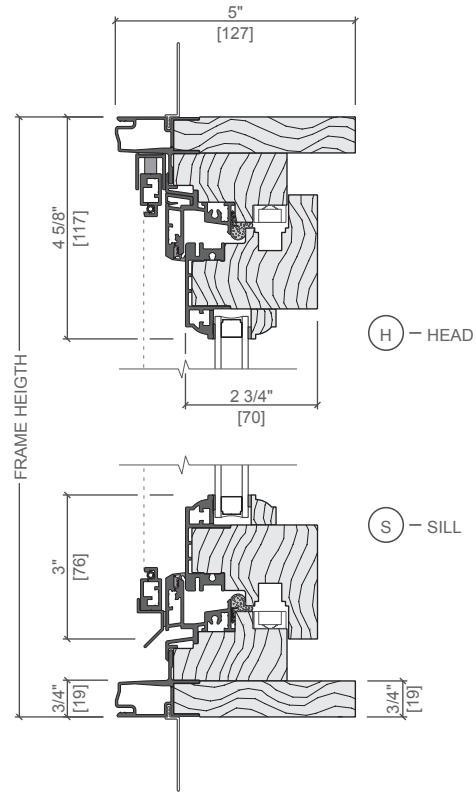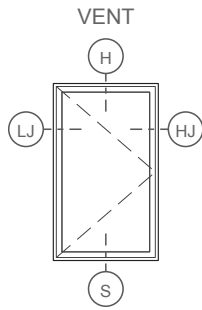
(4) Tan, brown and putty Interior GBG colors are available in single-tone (brown/brown, tan/tan or putty/putty). Other interior colors are also available with tan or brown exterior.

(5) Appearance of exterior grille color will vary depending on Low-E coating on glass.

VENT

5"
[127]

4 5/8"
[117]

FRAME HEIGTH

2 3/4"
[70]

H — HEAD

S — SILL

3"
[76]

3/4"
[19]

3/4"
[19]

LJ — LOCK JAMB

HJ — HINGE JAMB

3"
[76]

3/4"
[19]

3 11/16"
[93]

2 3/4"
[70]

1 5/16"
[34]

1 9/16"
[39]

4 5/8"
[117]

3/4"
[19]

FRAME WIDTH

Scale 3" = 1' 0"

All dimensions are approximate.

VENT

H

LJ ─ HJ

S

5"
[127]

4 5/8"
[117]

FRAME HEIGTH

2 3/4"
[70]

H ─ HEAD

3"
[76]

S ─ SILL

3/4"
[19]

3/4"
[19]

LJ ─ LOCK JAMB

HJ ─ HINGE JAMB

3"
[76]

3/4"
[19]

3 11/16"
[93]

2 3/4"
[70]

1 5/16"
[34]

1 9/16"
[39]

4 5/8"
[117]

3/4"
[19]

FRAME WIDTH

Scale 3" = 1' 0"

All dimensions are approximate.

VENT

H — HEAD

S — SILL

3 11/16" [94]

4 5/8" [117]

2 3/4" [70]

FRAME HEIGTH

3" [76]

1" [26]

1 1/8" [29]

LJ — LOCK JAMB

HJ — HINGE JAMB

3 11/16" [94]

2 3/4" [70]

4 5/8" [117]

1 9/16" [40]

FRAME WIDTH

Scale 3" = 1' 0"

All dimensions are approximate.