## Pella® Reserve™ Traditional Bifold Doors



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## **Document Navigation Tips:**

Items listed in the table of contents above are active links that will take you to the corresponding page.

The Pella logo on each page is a link back to this table of contents.

Bookmarks are also included in this PDF document and are available as an additional navigation option.

## Supporting documents for this product:

CSI Specs (readable using Microsoft Word or other text editing application):

 $\underline{https://media.pella.com/professional/adm/Wood-CSI\_Specs/081476.rtf?utm\_source=shortcut?utm\_source=pdfdocal_specified_speci$ 

AIA Masterspec (readable using Microsoft Word or other text editing application):

 $\underline{\text{https://media.pella.com/professional/adm/Wood-CSI\_Specs/Masterspec/085200\_fl.doc?utm\_source=pdfdocentspecsional.pdf} \\$ 

Detailed Product Description (readable using Microsoft Word or other text editing application):

 $\underline{https://media.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm\_source=pdfdocents.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm\_source=pdfdocents.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm\_source=pdfdocents.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm\_source=pdfdocents.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm\_source=pdfdocents.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm\_source=pdfdocents.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm\_source=pdfdocents.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm\_source=pdfdocents.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm\_source=pdfdocents.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm\_source=pdfdocents.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm\_source=pdfdocents.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm_source=pdfdocents.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm_source=pdfdocents.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm_source=pdfdocents.pella.com/professional/adm/Specialty/PR-BifoldDoor.rtf?utm_source=pdfdocents.pella.com/Specialty/PR-BifoldDoor.rtf?utm_source=pdfdocents.pella.com/Specialty/PR-BifoldDoor.rtf?utm_source=pdfdocents.pella.com/Specialty/PR-BifoldDoor.rtf?utm_source=pdfdocents.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com/Specialty/PR-BifoldDoor.rtf.pella.com$ 

 ${\sf CAD\ cross\ sections\ (requires\ appropriate\ CAD\ software\ to\ read\ and\ use)}:$ 

 $\underline{\text{https://media.pella.com/professional/adm/Specialty/AS-Senscp-Hinge-Detail\_D.dwg?utm\_source=pdfdoce}$ 

3D & BIM (requires appropriate software to read and use):

 $\underline{https://media.pella.com/professional/adm/RevitFiles/PR-Revit/Door-Bifold-Pella-Reserve-Traditional.zip?utm\_source=pdfdocor-Bifold-Pella-Reserve-Traditional.zip.utm\_source=pdfdocor-Bifold-Pella-Reserve-Traditional.zip.utm\_source=pdfdocor-Bifold-Pella-Reserve-Traditional.zip.u$ 

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The information published in this document is believed to be accurate at the time of publication. However, because we are constantly working to improve our products, specifications are subject to change without notice. Consult your local Pella representative for up-to-date product information.



## Size and Performance Data

		Out-Swing
Perforn	nance data 1	
	Standard Sill	
	Meets or Exceeds AAMA/WDMA Ratings	LC25
	Air Infiltration	0.15
3" der	Water Penetration Resistance	3.76
Doors 8' 7/8" Tall And Under	Design Pressure	25
ors {	Low Profile Sill and Flush Sill	
Do	Meets or Exceeds AAMA/WDMA Ratings	not rated
	Air Infiltration	not rated
	Water Penetration Resistance	not rated
	Design Pressure	not rated
	Standard Sill	
	Meets or Exceeds AAMA/WDMA Ratings	R15
	Air Infiltration	0.15
	Water Penetration Resistance	2.92
Doors Over 8' 7/8" Tall	Design Pressure	15
oors '' 7/8	Low Profile Sill and Flush Sill	
_ ω	Meets or Exceeds AAMA/WDMA Ratings	not rated
	Air Infiltration	not rated
	Water Penetration Resistance	not rated
	Design Pressure	not rated
Other F	Performance Criteria	
Forced	Entry Resistance Level (Minimum Security Grade) <sub>2</sub>	40

<sup>(1)</sup> Maximum performance for panel size up to 39" wide when glazed with the appropriate glass thickness. See Design Data pages in this section for specific product performance. Contact your local sales representative for complete information.

<sup>(2)</sup> The higher the level, the greater the product's ability to resist forced entry.



# Features and Options

Standard	Options / Upgrades
Glazing	
Glazing Type	
Dual-Pane Insulating Glass	Triple-Pane Insulating Glass
Insulated Glass Options/Lo	w-E Types
	SunDefense™ Low-E
Advanced Low-E	AdvancedComfort Low-E
Advanced Low-E	NaturalSun Low-E
	Clear (no Low-E coating)
Additional Glass Options	
	Obscure Glass <sub>1</sub> , Frosted Obscure
Tempered Glass	Tinted Glass (Bronze, Gray and Green)
	Noise reduction laminated glass (non-impact)
Gas Fill/High Altitude	
Argon	High altitude (with air)
Wood Types	
Pine	Mahogany, Douglas Fir
Exterior	
EnduraClad® protective finish	EnduraClad Plus protective finish
Cladding Colors 1	
Standard colors	Feature Colors, Vintage Colors
Interior	
Unfinished wood	Factory primed, Factory prefinished paint <sub>1</sub> , Factory prefinished stain <sub>1</sub>
Hardware	
Passage Door Handle Set	
White, Champagne, Brown, Matte Black	Satin Brass, Polished Chrome, Distressed Bronze, Distressed Nickel, Satin Nickel
Locking Sensors	
Kwikset lock cylinder	Integrated sensors, SmartKey lock cylinder
Dualpoint Lock Handle	
White, Brown, Matte Black,	Satin Brass, Satin Nickel, Polished Chrome
Hinges	
White, Brown, Matte Black,	Satin Brass, Satin Nickel, Polished Chrome
Grilles	
Integral Light Technology® (	Grilles
-	Traditional, Prairie, Top Row, Cross, New England, Victorian, Custom
Grilles-Between-the-Glass	
_	Traditional, Prairie, Cross, Top Row <sub>1</sub> , Custom-Equally Divided

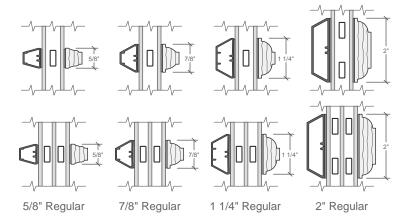
 $<sup>\</sup>begin{tabular}{ll} \begin{tabular}{ll} \beg$ 



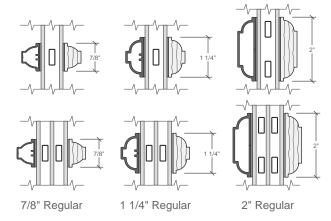
## **Grille Profiles**

# Traditional Style Collection - Integral Light Technology ®

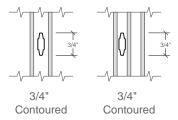
Putty Glaze and Ogee Grilles Clad Exterior - Wood Interior



Ogee Grilles Clad Exterior - Wood Interior



## Grilles-Between-the-Glass



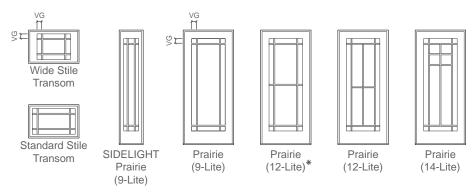
 $Interior\ wood\ ILT\ grilles\ available\ in\ Pine,\ Mahogany\ or\ Douglas\ Fir\ to\ match\ complete\ unit.$ 



#### Grille Patterns

## Integral Light Technology® Grilles and removable Grilles

### PRAIRIE LITE PATTERNS

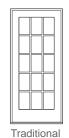


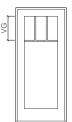
Standard corner lite dimension for Prairie patterns = 3-1/2" VG.

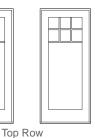
#### Integral Light Technology Grilles

- 9-Lite available in all special sizes.
- 12-Lite available at 8' height; other heights available per custom drawing.
- 14-Lite available in units > 2' 1-1/2" width.

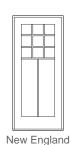
## OTHER AVAILABLE PATTERNS

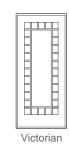












## Top Row

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

#### Cross

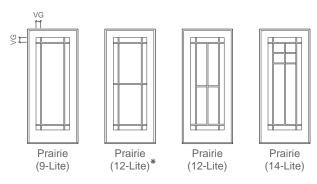
 Standard visible glass to separator bar = one-quarter of total visible glass height.

#### New England

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

## Grilles-Between-the-Glass

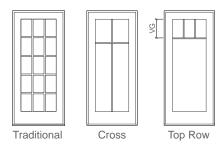
#### PRAIRIE LITE PATTERNS



#### Prairie

- Standard corner lite dimension = 3-1/2" VG.
- 9-Lite available in units < 7' 0-3/4" height.
- \* Prairie in heights > 7' 0-1/2" will have 12 lites.
- 12-Lite available in units ≤ 7' 2" height.

#### OTHER AVAILABLE PATTERNS



#### Cross

- Horizontal bar is 1/4 of visible glass from the top in door panels.
- Not available in transoms.

#### Top Row

- Horizontal bar may be ordered 12", 14" or 16" from the top VG.
- Transoms with frame heights ≥ 21", the horizontal bar will be positioned at 1/2 the visible glass height.
- Top Row not available in transoms with frame height <21".</li>

VG = Visible Glass

Lite dimensions noted can vary.

 $Custom\ configurations\ are\ available;\ for\ details\ contact\ your\ local\ Pella\ sales\ representative.$ 



# Design Data

Hardware Handle Height	Frame	e Height	Pane	l Width	Panel Height		
manamana mamana mangma	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	
Typical	41"	119-1/2"	14-1/4"	42"	37-1/4	115-3/4"	
Greater Than 54"	74-1/2"	119-1/2"	14-1/4"	42"	74-1/2"	115-3/4"	

	Dimension	Formula				
Rough Opening Width		FW + 1				
Rot	ıgh Opening Height	FH + .625				
	el Height: ndard Sill	FH - 3.75				
	el Height: v Profile (ADA) Sill	FH - 3.75				
Panel Height: Flush Sill		FH - 3.75				
Panel Projection		Panel width - 3.0"				
Clear Opening (Approximate)		FW - Panel Stack - 3				
	nel Stack One-Side No ndle Set (Approx)	# Panels x 2.25"				
	nel Stack One-Side w/ ndle Set (Approx)	# Panels x 2.25 + 4.5				
	One Way No Passage Door	(FW-(TP - 1) x .1875 - 3.4) ÷ TP				
Panel Width	One Way with Passage Door	(FW-(TP - 1) x .1875 - 3.4) ÷ TP				
Panel	Split No Passage Door	(FW- (TP - 2) x .1875 - 3.7763) ÷ TP				
Split with Passage Door		(FW- (TP - 2) x .1875 - 4.4) ÷ TP				

KEY
FW = Frame Width
FH = Frame Height
TP = Total # of panels
PW = Panel Width
PH = Panel Height
ROW = Rough Opening Width
ROH = Rough Opening Height



				Maximui size (ii			ce Class and
	Panel Configuration		Passage-Door handing	Frame Width	Frame Height	Out-swing Standard Sill	Out-swing Low Profile & Flush Sill
<u> </u>				81.5	96.875	LC25	NC
2-Panel		OL-2R 2L-OR	No passage door	81.5	119.5	R15	NC
2	OL-2R 2L-OR			87.5	119.5	NC	NC
3-Panel				120.75	96.875	LC25	NC
		OL-3R 3L-0R	Active Right, Active Left	120.75	119.5	R15	NC
	OL-3R 3L-0R			129.75	119.5	NC	NC
				121.5	96.875	LC25	NC
		1L-2R, 2L-1R	Active Left, Active Right	121.5	119.5	R15	NC
	1L-2R 2L-1R			130.5	119.5	NC	NC
	OL-4R 4L-0R	4L-OR, OL-4R	No passage door	159.875	96.875	LC25	NC
				159.875	119.5	R15	NC
				171.875	119.5	NC	NC
<u> </u>	A P A A 3L-1R	1L-3R, 3L-1R	Active Left/Passive Right, Passive Left/Active Right	160.75	96.875	LC25	NC
4-Panel				160.75	119.5	R15	NC
4				172.75	119.5	NC	NC
		2L-2R	No passage door	160.125	96.875	LC25	NC
	2L-2R			160.125	119.5	R15	NC
	——————————————————————————————————————			172.125	119.5	NC	NC
				199.125	96.875	LC25	NC
		0L-5R, 5L-0R	Active Right, Active Left	199.125	119.5	R15	NC
	OL-5R 5L-0R			214.125	119.5	NC	NC
<u> </u>				199.875	96.875	LC25	NC
5-Panel		1L-4R, 4L-1R	Active Left, Active Right	199.875	119.5	R15	NC
-5-	1L-4R 4L-1R			214.875	119.5	NC	NC
				199.875	96.875	LC25	NC
	A A A	2L-3R, 3L-2R	Active Right, Active Left	199.875	119.5	R15	NC
	2L-3R 3L-2R			214.875	119.5	NC	NC

<sup>&</sup>quot;A" indicates the Active Passage Door where applicable.

 $<sup>\</sup>mbox{"P"}$  indicates a swinging Passive Door where handle set matches Passage Door.

<sup>(1)</sup> Maximum performance for panels up to 39" wide when glazed with the appropriate glass thickness.

Those noted as NC are not AAMA/WDMA performance certified. Custom sized panels in 1/8" increments.

Doors are configured from left to right as viewed from the exterior.

Out-swing doors are shown.

Minimum to Maximum door width dimensions refers to frame to frame dimension.

Contact your local Pella sales representative for more information.



				Maximu size (ii	m Frame nches)		ce Class and
	Panel Configuration		Passage-Door handing	Frame Width	Frame Height	Out-swing Standard Sill	Out-swing Low Profile & Flush Sill
				238.25	96.875	LC25	NC
		6L-0R, 0L-6R	No passage door	238.25	119.5	R15	NC
	0L-6R 6L-0R			256.25	119.5	Not Rated	NC
				239.125	96.875	LC25	NC
6-Panel	A P A	1L-5R, 5L-1R	Active Left/Passive Right, Passive Left/Active Right	239.125	119.5	R15	NC
	1L-5R 5L-1R			257.125	119.5	Not Rated	NC
				238.5	96.875	LC25	NC
	2L-4R 4L-2R	2L-4R, 4L-2R	No passage door	238.5	119.5	R15	NC
				256.5	119.5	Not Rated	NC
	3L-3R	3L-3R	Option of Active/Passive or Passive/Active	239.125	96.875	LC25	NC
				239.125	119.5	R15	NC
				257.125	119.5	Not Rated	NC
		OL-7R, 7L-OR	Active Right, Active Left	240	96.875	LC25	NC
				240	119.5	R15	NC
	OL-7R 7L-0R			298.5	119.5	Not Rated	NC
			IL-6R, Active Left, 6L-1R Active Right	240	96.875	LC25	NC
	A	1L-6R, 6L-1R		240	119.5	R15	NC
7-Panel	1L-6R 6L-1R			298.5	119.5	Not Rated	NC
7-P		0		240	96.875	LC25	NC
		2L-5R, 5L-2R	Active Right, Active Left	240	119.5	R15	NC
	2L-5R 5L-2R			298.5	119.5	Not Rated	NC
				240	96.875	LC25	NC
		3L-4R, 4L-3R	Active Left, Active Right	240	119.5	R15	NC
	3L-4R 4L-3R			298.5	119.5	Not Rated	NC

<sup>&</sup>quot;A" indicates the Active Passage Door where applicable.

 $<sup>\</sup>ensuremath{^{\text{"P"}}}$  indicates a swinging Passive Door where handle set matches Passage Door.

<sup>(1)</sup> Maximum performance for panels up to 39" wide when glazed with the appropriate glass thickness.

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Out-swing doors are shown.

Minimum to Maximum door width dimensions refers to frame to frame dimension. Contact your local Pella sales representative for more information.



				Maximui size (ii			e Class and	
	Panel Configuration		Passage-Door handing	Frame Width	Frame Height	Out-swing Standard Sill	Out-swing Low Profile & Flush Sill	
		0L-8R,	No passage door	240	96.875	LC25	NC	
	OL-8R 8L-OR	8L-0R	No passage door	240	119.5	R15	NC	
	A P A	1L-7R,	Active Left/Passive Right,	240	96.875	LC25	NC	
	1L-7R 7L-1R	7L-1R	Passive Left/Active Right	240	119.5	R15	NC	
8-Panel		2L-6R,	No passage door	240	96.875	LC25	NC	
8-Р	2L-6R 6L-2R	6L-2R		240	119.5	R15	NC	
	A P A P A	3L-5R,	Option of Active/Passive	240	96.875	LC25	NC	
	3L-5R 5L-3R	5L-3R	or Passive/Active	240	119.5	R15	NC	
	4L-4R	4L-4R	No passage door	240	96.875	LC25	NC	
			. ,	240	119.5	R15	NC	
	A A	OL-9R,	Active Right,	240	96.875	LC25	NC	
	OL-9R 9L-0R	9L-OR	Active Left	240	119.5	R15	NC	
	A A	1L-8R,		240	96.875	LC25	NC	
	1L-8R 8L-1R	8L-1R		240	119.5	R15	NC	
9-Panel	A A	2L-7R,	2L-7R, Active Right, 7L-2R Active Left	240	96.875	LC25	NC	
9-6	2L-7R 7L-2R	/L-2R		240	119.5	R15	NC	
	A A	3L-6R,	Active Left,	240	96.875	LC25	NC	
	3L-6R 6L-3R	6L-3R	Active Right	240	119.5	R15	NC	
	A A	4L-5R,	Active Right,	240	96.875	LC25	NC	
	4L-5R 5L-4R	5L-4R	5L-4R	Active Left	240	119.5	R15	NC

<sup>&</sup>quot;A" indicates the Active Passage Door where applicable.

 $<sup>\</sup>ensuremath{^{\text{"P"}}}$  indicates a swinging Passive Door where handle set matches Passage Door.

<sup>(1)</sup> Maximum performance for panels up to 39" wide when glazed with the appropriate glass thickness.

Those noted as NC are not AAMA/WDMA performance certified. Custom sized panels in 1/8" increments.

Doors are configured from left to right as viewed from the exterior.

Out-swing doors are shown.

Minimum to Maximum door width dimensions refers to frame to frame dimension.

Contact your local Pella sales representative for more information.



					m Frame nches)		ce Class and
	Panel Configuration		Passage-Door handing	Frame Width	Frame Height	Out-swing Standard Sill	Out-swing Low Profile & Flush Sill
		OL-10R,	No passage door	240	96.875	LC25	NC
	OL-10R 10L-0R	10L-0R	ivo passage dooi	240	119.5	R15	NC
	A P A	1L-9R, 9L-1R	Active Left/Passive Right,	240	96.875	LC25	NC
	1L-9R 9L-1R		Passive Left/Active Right	240	119.5	R15	NC
		2L-8R, 8L-2R	No passage door	240	96.875	LC25	NC
10-Panel	2L-8R 8L-2R		8L-2R	240	119.5	R15	NC
10-F	A P A P A	3L-7R,	L-7R, Option of Active/Passive	240	96.875	LC25	NC
	3L-7R 7L-3R	7L-3R	or Passive/Active	240	119.5	R15	NC
		4L-6R,	No passage door	240	96.875	LC25	NC
	4L-6R 6L-4R	6L-4R	No passage door	240	119.5	R15	NC
			Option of Active/Passive	240	96.875	LC25	NC
	5L-5R	SL-SK	or Passive/Active	240	119.5	R15	NC

Those noted as NC are not AAMA/WDMA performance certified. Custom sized panels in 1/8" increments.

<sup>&</sup>quot;A" indicates the Active Passage Door where applicable.

 $<sup>\</sup>ensuremath{^{\text{"P"}}}$  indicates a swinging Passive Door where handle set matches Passage Door.

<sup>(1)</sup> Maximum performance for panels up to 39" wide when glazed with the appropriate glass thickness.

Doors are configured from left to right as viewed from the exterior.

Out-swing doors are shown.

 $<sup>\</sup>label{thm:model} \mbox{Minimum to Maximum door width dimensions refers to frame to frame dimension.} \\ \mbox{Contact your local Pella sales representative for more information.}$ 



## **Detailed Product Description**

#### Frame

- · Head and jamb use select softwood, 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], edge-banded on straight members.
- Exterior surfaces are thermally broken clad with aluminum at the head and iambs.
- Outswing wall depth is 4-9/16" with frame depth of 6" (152mm). Factoryfinished jamb extensions available ordered separately from unit and field-
- Sill is [2-5/16" standard profile] [1-1/4" low profile] [flush profile]. Material and finish is thermally broken extruded aluminum.

  Frame width greater than 240" (6 096mm) will receive two (2) pieces for head
- and two (2) pieces for sill that require splicing during installation.

#### **Door Panels**

- Select softwood, 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 veneered with [clear pine] [mahogany] [douglas fir].
- Exterior surfaces are clad with extruded aluminum.
- Panel stiles and rails are three-ply construction, randomly finger-jointed blocks laminated with water-resistant glue and veneered on both sides.
- Units over 8' height have panel stiles constructed with LVL core with fingerjointed edge bands on both sides and veneered on both faces.
- Corners are urethane-silicone hybrid sealed and secured with metal fasteners.
- Panel thickness is 2-1/16" (52mm).
- Panel exterior profile is [ogee] [putty glaze], interior profile is ogee.

#### Weatherstripping

- · Foam leaf seal along jambs, head, and sill of frame.
- Foam leaf seal along astragal.
- Mohair along the head of frame.
- Foam leaf seal along the stiles of panel.
- Bristle rainscreen along bottom of panel.
- · Neoprene foam strips between off-set panel hinges.

### Glazing System 1

- · Quality fully-tempered float glass complying with ASTM C 1048.
- Custom and high altitude glazing available.

  Urethane-glazed 13/16" dual-seal insulating glass [clear] [obscure [frosted]]

  [[Advanced Low-E] [SunDefense™ Low-E] [AdvancedComfort Low-E]

  [NaturalSun Low-E] with argon]] [[bronze] [gray] [green] Advanced Low-E with argon].

- or -

- Silicone-glazed 1" triple-pane, dual-seal insulating glass [Advanced Low-E] [SunDefense™ Low-E] [NaturalSun Low-E] with [argon]].
- or -Silicone-glazed dual-pane 13/16" dual-seal non-impact laminated glass [clear] [[Advanced Low-E] [SunDefense Low-E] with Argon]] [[bronze] [gray] [green] Advanced Low-E [with argon]].

- Aluminum-clad exteriors shall be finished with EnduraClad® protective finish on panels, in a multi-step, baked-on finish.
- Aluminum-clad exterior frame shall be finished in accordance with AAMA 2604 standards
  - Color is [Standard 2] [Feature 2] [Vintage 2].

- · Aluminum-clad exteriors shall be finished with EnduraClad Plus protective finish with 70% fluoropolymer resin on panels, in a multi-step, baked-on finish.
- Aluminum-clad exterior frame shall be finished in accordance with AAMA 2605 standards
  - Color is [Standard<sub>2</sub>] [Feature<sub>2</sub>] [Vintage<sub>2</sub>].

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[Unfinished, ready for site finishing] [factory primed with one coat acrylic latex] [factory prefinished [paint] [stain]<sub>1</sub>]

#### Hardware

#### Hinges

- Doors will have a Top Pivot Hinge, Middle Pivot Hinge and Bottom Pivot Hinge connecting a panel to the jamb where appropriate
- Doors up to 8' 7/8" frame height will have a top hinge, bottom hinge, and one (1) middle hinge connecting adjacent panels.

  Doors over 8' 7/8" frame height will have a top hinge, bottom hinge, and two (2)
- middle hinges connecting adjacent panels.
- Finish where hinge barrel faces interior is [baked enamel [White] [Brown] [Black] [Satin Nickel]] [plated [Satin Brass] [Polished Chrome]]
- Finish where hinge barrel faces exterior is [baked enamel [White] [Brown] [Black] [Satin Nickel]] [plated [Satin Brass] [Polished Chrome].

#### Passage Door Locks (when applicable)

- Mortised and keyed multi-point locking system, center deadbolt and shoot-bolts at head and sill will engage simultaneously.
- Doors 8' 0" frame height and below will have one (1) strike at the head, one (1) strike at the sill and one (1) center deadbolt.
- Doors over 8' 0" frame height up to and including 10' 0" frame height will have one (1) strike at the head, one (1) strike at the sill and three (3) locking points at
- Active handle set with solid brass handle and keylock with K-keyway cylinder.
   Handle Height at [Typical 36"] [Greater than 54"] from bottom of panel.

#### Passage Panel Hardware Finish (when applicable)

- Hardware finish is [baked enamel [White] [Champagne] [Brown] [Matte Black]] [PVD High Performance finish [Satin Brass] [Satin Nickel]] [Oil-Rubbed Bronze] [Distressed Bronze] [Distressed Nickel] [Polished Chrome]
- Key cylinder finish is [Stainless Steel] [Matte Black].
- Matching passive handle set style on swinging panel adjacent to passage panel (on applicable configurations) (e.g. 1L-3R has active/passive).

#### **Passive Panel Locks**

- Hardware style is Dualpoint Lock Handle (on applicable panels not adjacent to passage panel).
- Handle Height at [Typical @ 36"] [Greater than 54"] from bottom of panel.
- Mortised multi-point locking systems with shoot-bolts at head and sill will engage simultaneously.

#### Passive Panel Hardware Finish

• Hardware finish is [baked enamel [White] [Brown] [Matte Black]] [plated [Satin Brass] [Satin Nickel] [Polished Chrome]].

#### **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]1].
  - Exterior grilles are [5/8" putty glaze profile] [7/8" [putty glaze] [ogee] profile]] [1-1/4" putty glaze] [ogee] profile] [2" ogee profile] that are extruded aluminum.
  - Patterns are [Traditional] [Prairie] [Top Row] [Cross] [New England] [Victorian] [Diamond].
  - 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 spacer.
- · 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]
     Interior color is [White] [Tan<sub>3</sub>] [Brown<sub>3</sub>] [Putty<sub>3</sub>] [Black] [Ivory] [Sand Dune] [Harvest] [Cordovan] [Brickstone].
     Exterior color<sub>4</sub> is [Standard<sub>1</sub>].

#### Sensors

Optional factory-installed integrated security sensors available in door configurations with passage panel. Detects lock or unlock on passage door only, non-window handle height.

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

<sup>(2)</sup> Contact your local Pella sales representative for current color options.

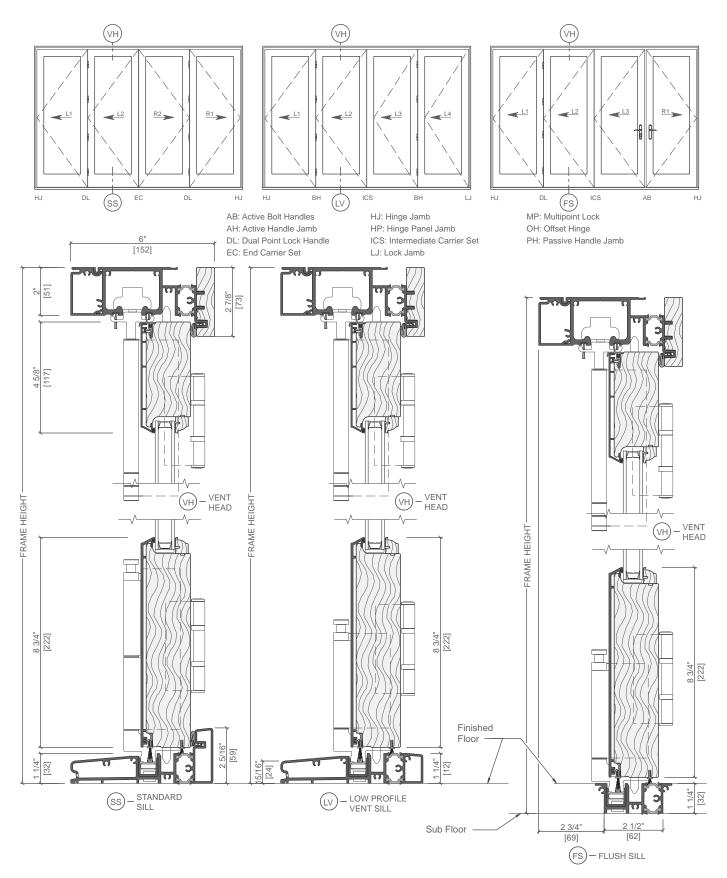
<sup>(3)</sup> Available in clear, Low-E and obscure insulating glass.

<sup>(4)</sup> Tan, Brown or 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

<sup>(5)</sup> Appearance of exterior grille color will vary depending on Low-E coating on glass



## Unit Sections - Out-Swing, Putty Profile

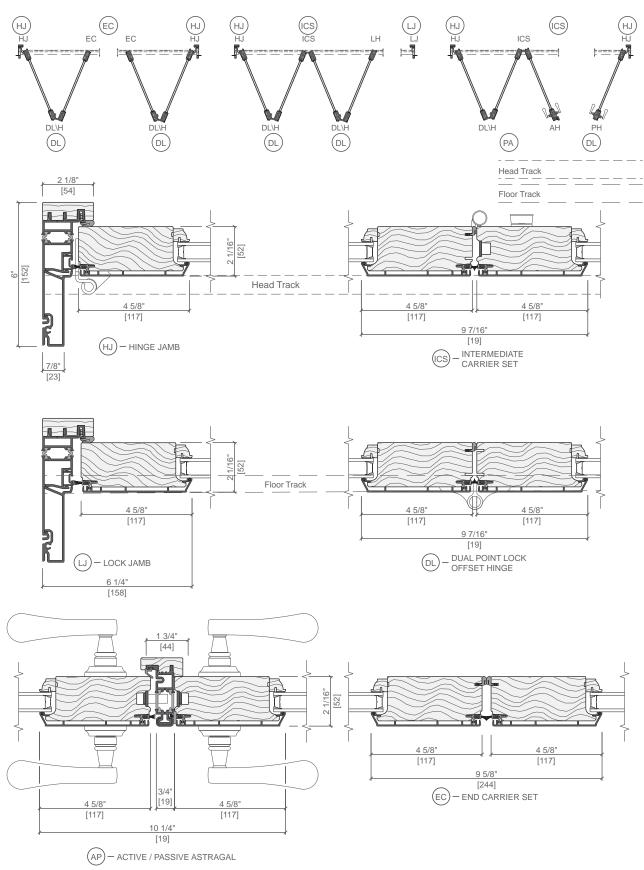


Scale 3" = 1' 0"

All dimensions are approximate. Low Profile and Flush Sills are not rated for water.



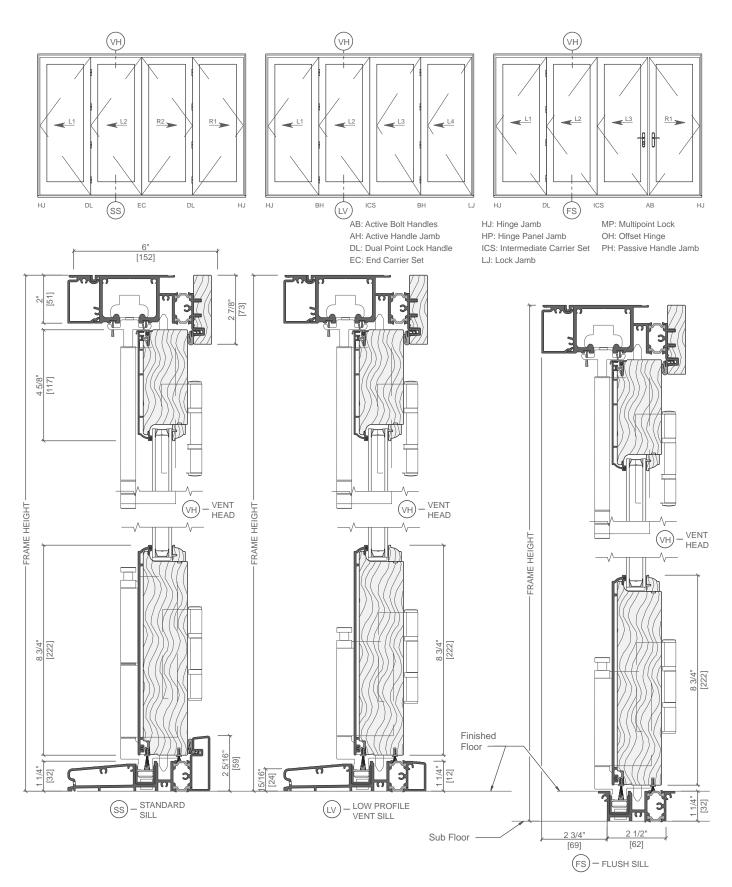
## Unit Sections - Out-Swing, Putty Profile



Scale 3" = 1' 0"
All dimensions are approximate.



## Unit Sections - Out-Swing

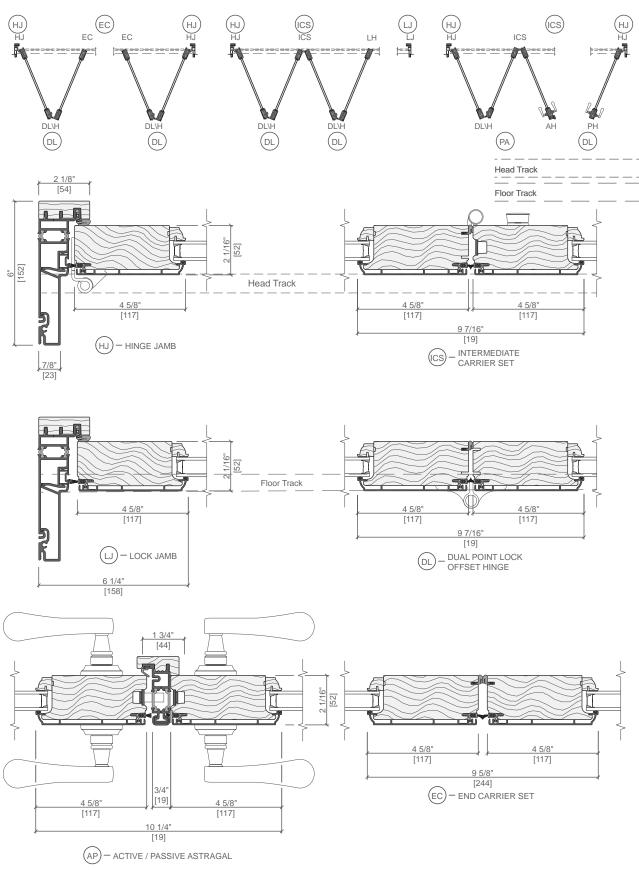


Scale 3" = 1' 0"

All dimensions are approximate. Low Profile and Flush Sills are not rated for water.



## Unit Sections - Out-Swing



Scale 3" = 1' 0"
All dimensions are approximate.