Product Selection Guide

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Document Navigation Tips:
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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.
**Pella Reserve™ Contemporary In-Swing Door**

**Performance Data**

### Air/Water/structural Performance:

#### Doors 8' Tall and Under

<table>
<thead>
<tr>
<th>Description</th>
<th>Clad</th>
<th>LC55</th>
<th>Hallmark Certified</th>
</tr>
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<tbody>
<tr>
<td>Meets or Exceeds AAMA/WDMA Ratings</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Air Infiltration (cfm/ft² of frame @ 1.57 psf wind pressure)</td>
<td>0.10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Resistance</td>
<td>8.36 psf</td>
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<tr>
<td>Design Pressure</td>
<td>55 psf</td>
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#### Doors over 8' Tall up to 10'

<table>
<thead>
<tr>
<th>Description</th>
<th>Clad</th>
<th>LC40</th>
<th>Hallmark Certified</th>
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<tr>
<td>Meets or Exceeds AAMA/WDMA Ratings</td>
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</tr>
<tr>
<td>Air Infiltration (cfm/ft² of frame @ 1.57 psf wind pressure)</td>
<td>0.10</td>
<td></td>
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</tr>
<tr>
<td>Water Resistance</td>
<td>6.0 psf</td>
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<tr>
<td>Design Pressure</td>
<td>40 psf</td>
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### Other Performance Criteria

| Forced Entry Resistance Level Minimum Security Grade | 40 |

#### Sound Transmission Class / Outdoor-Indoor Transmission Class

<table>
<thead>
<tr>
<th>Product</th>
<th>Frame Size Tested</th>
<th>Glazing System</th>
<th>STC Rating</th>
<th>OITC Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contemporary Clad Door</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>With Integral Grilles</td>
<td>71-1/4&quot; x 81-1/2&quot;</td>
<td>13/16&quot; 3mm 3mm</td>
<td>32</td>
<td>27</td>
</tr>
<tr>
<td>No Grilles</td>
<td>71-1/4&quot; x 81-1/2&quot;</td>
<td>13/16&quot; 3mm 3mm</td>
<td>31</td>
<td>25</td>
</tr>
<tr>
<td>With Integral Grilles</td>
<td>71-1/4&quot; x 81-1/2&quot;</td>
<td>13/16&quot; 3mm 5mm</td>
<td>34</td>
<td>29</td>
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<tr>
<td>No Grilles</td>
<td>71-1/4&quot; x 81-1/2&quot;</td>
<td>13/16&quot; 3mm 5mm</td>
<td>33</td>
<td>28</td>
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<tr>
<td>With Integral Grilles</td>
<td>71-1/4&quot; x 81-1/2&quot;</td>
<td>13/16&quot; 4.7mm 7.6mm</td>
<td>35</td>
<td>30</td>
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<tr>
<td>No Grilles</td>
<td>71-1/4&quot; x 81-1/2&quot;</td>
<td>13/16&quot; 4.7mm 7.6mm</td>
<td>34</td>
<td>28</td>
</tr>
</tbody>
</table>

1. Maximum performance for standard sill single unit when glazed with the appropriate glass thickness. Doors supplied without latching hardware are not AAMA/WDMA performance certified. See Design Data pages in this section for specific product performance class and grade values.
2. The higher the level, the greater the product’s ability to resist forced entry. Valid only if Pella supplied locking system is used.
3. ASTM E 1425 defines standard sizes for acoustical testing. Ratings achieved at that size are representative of all sizes of the same configuration.

**NOTE:** Performance with additional options may not be the same as Standard and Special size units. Please contact your local Pella representative for complete information.
## Pella Reserve™ Contemporary In-Swing Door

### Features and Options

<table>
<thead>
<tr>
<th>Glazing</th>
<th>Options / Upgrades</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Glazing Type</strong></td>
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</tr>
<tr>
<td>Dual-Pane Insulating Glass</td>
<td>Triple-Pane Insulating Glass</td>
</tr>
<tr>
<td><strong>Insulated Glass Options/Low-E Types</strong></td>
<td></td>
</tr>
<tr>
<td>SunDefense™ Low-E</td>
<td></td>
</tr>
<tr>
<td>AdvancedComfort Low-E</td>
<td></td>
</tr>
<tr>
<td>NaturalSun Low-E</td>
<td></td>
</tr>
<tr>
<td>Clear (no Low-E coating)</td>
<td></td>
</tr>
<tr>
<td><strong>Additional Glass Options</strong></td>
<td></td>
</tr>
<tr>
<td>Tempered Glass</td>
<td></td>
</tr>
<tr>
<td>Obscure Glass ¹</td>
<td></td>
</tr>
<tr>
<td>STC Glazing Options</td>
<td></td>
</tr>
<tr>
<td><strong>Gas Fill/High Altitude</strong></td>
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</tr>
<tr>
<td>Argon</td>
<td>Krypton ³</td>
</tr>
<tr>
<td></td>
<td>High altitude</td>
</tr>
<tr>
<td><strong>Exterior</strong></td>
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</tr>
<tr>
<td>EnduraClad® protective finish</td>
<td>EnduraClad Plus protective finish</td>
</tr>
<tr>
<td><strong>Cladding Colors</strong></td>
<td></td>
</tr>
<tr>
<td>27 Standard colors</td>
<td>Custom Colors ¹</td>
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<tr>
<td><strong>Sill Finish</strong></td>
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<tr>
<td>Black</td>
<td>Mill finish</td>
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<tr>
<td></td>
<td>Satin nickel anodized</td>
</tr>
<tr>
<td></td>
<td>Bronze anodized</td>
</tr>
<tr>
<td><strong>Interior</strong></td>
<td></td>
</tr>
<tr>
<td>Unfinished wood</td>
<td>Factory primed</td>
</tr>
<tr>
<td></td>
<td>Factory prefinished paint ¹</td>
</tr>
<tr>
<td></td>
<td>Factory prefinished stain ¹</td>
</tr>
<tr>
<td><strong>Wood Types</strong></td>
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</tr>
<tr>
<td>Pine</td>
<td>Mahogany, Douglas Fir</td>
</tr>
<tr>
<td><strong>Hardware</strong></td>
<td></td>
</tr>
<tr>
<td>White, Champagne, Brown, Matte Black</td>
<td>PVD High Performance Finish, Bright Brass or Satin Nickel</td>
</tr>
<tr>
<td></td>
<td>Antique Brass, Chrome, Oil-Rubbed Bronze, Polished Nickel, Polished Chrome, Distressed Bronze, Distressed Nickel</td>
</tr>
<tr>
<td><strong>Locking System</strong></td>
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</tr>
<tr>
<td>Multi-Point</td>
<td>–</td>
</tr>
<tr>
<td>Key lock</td>
<td>–</td>
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<tr>
<td><strong>Grilles</strong></td>
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<tr>
<td><strong>Integral Light Technology® Grilles</strong></td>
<td></td>
</tr>
<tr>
<td>–</td>
<td>Traditional, Prairie, Top Row, Cross, Custom</td>
</tr>
<tr>
<td><strong>Grilles-Between-the-Glass</strong></td>
<td></td>
</tr>
<tr>
<td>–</td>
<td>Traditional, Prairie, Top Row, Cross, Custom-Equally Divided</td>
</tr>
<tr>
<td><strong>Screens</strong></td>
<td></td>
</tr>
<tr>
<td>–</td>
<td>InView™ screens</td>
</tr>
</tbody>
</table>

(1) Contact your local Pella sales representative for current designs and color options.
(2) ADA sill finishes available in mill or bronze anodized only.
Combinations are a great way to create visual interest in any project. A combination is an assembly formed by two or more separate windows or doors whose frames are mulled together by a combination or reinforcing mullion.

Pella door combinations are available in an endless variety of arrangements. Below are available factory-assembled combinations. Some units can be fixed or vent depending on availability. See the Combinations Section for typical combinations and requirements and limitations related to mulling various combinations.

Contact your local Pella sales representative for more information.

(1) Other rectangular profiles are also available as combination options.

Click to view Clad-Wood Combinations Sections

- Combination Recommendations Downloadable PDF
### Glazing Performance - Total Unit

<table>
<thead>
<tr>
<th>Vent</th>
<th>Type of Glazing</th>
<th>NFRC Certified Product #</th>
<th>Glass Thickness (mm)</th>
<th>Gap Fill</th>
<th>Performance Values</th>
<th>Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown</th>
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<tbody>
<tr>
<td></td>
<td></td>
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<td>Ext.</td>
<td>Int.</td>
<td>U-Factor</td>
<td>SHGC</td>
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<td>13/16&quot;</td>
<td>Clear IG</td>
<td>PEL-N-218-04081-00001</td>
<td>3</td>
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<td>0.40</td>
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<td>with grilles-between-the-glass</td>
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<td>46</td>
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<td>with integral grilles</td>
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<td>0.39</td>
<td>0.39</td>
<td>46</td>
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<tr>
<td>13/16&quot;</td>
<td>Advanced Low-E IG</td>
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<td>3</td>
<td>argon</td>
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<td>with grilles-between-the-glass</td>
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<td>0.19</td>
<td>0.33</td>
<td>62</td>
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<td>with integral grilles</td>
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<td>0.19</td>
<td>0.33</td>
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</tr>
<tr>
<td>13/16&quot;</td>
<td>SunDefense™ Low-E IG</td>
<td>PEL-N-218-04101-00001</td>
<td>3</td>
<td>3</td>
<td>argon</td>
<td>0.28</td>
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<td>with grilles-between-the-glass</td>
<td>PEL-N-218-04102-00001</td>
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<td>0.14</td>
<td>0.31</td>
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<td>with integral grilles</td>
<td>PEL-N-218-04103-00001</td>
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<td>0.14</td>
<td>0.31</td>
<td>62</td>
</tr>
<tr>
<td>13/16&quot;</td>
<td>AdvancedComfort Low-E IG</td>
<td>PEL-N-218-04133-00001</td>
<td>3</td>
<td>3</td>
<td>argon</td>
<td>0.25</td>
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<tr>
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<td>with grilles-between-the-glass</td>
<td>PEL-N-218-04134-00001</td>
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<td>0.19</td>
<td>0.33</td>
<td>49</td>
</tr>
<tr>
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<td>with integral grilles</td>
<td>PEL-N-218-04135-00001</td>
<td>0.26</td>
<td>0.19</td>
<td>0.33</td>
<td>49</td>
</tr>
<tr>
<td>13/16&quot;</td>
<td>NaturalSun Low-E IG</td>
<td>PEL-N-218-04165-00001</td>
<td>3</td>
<td>3</td>
<td>argon</td>
<td>0.29</td>
</tr>
<tr>
<td></td>
<td>with grilles-between-the-glass</td>
<td>PEL-N-218-04166-00001</td>
<td>0.29</td>
<td>0.34</td>
<td>0.38</td>
<td>61</td>
</tr>
<tr>
<td></td>
<td>with integral grilles</td>
<td>PEL-N-218-04167-00001</td>
<td>0.29</td>
<td>0.34</td>
<td>0.38</td>
<td>61</td>
</tr>
</tbody>
</table>

**Tinted Glazing**

| 13/16" | Bronze Advanced Low-E IG | PEL-N-218-04229-00001    | 5    | 3    | argon | 0.28 | 0.19 | 0.25 | 61 | N  | NC | SC | S  |
|        | with integral grilles with grilles | PEL-N-218-04230-00001 | 0.28 | 0.17 | 0.22 | 61 |
|        | with integral grilles | PEL-N-218-04231-00001 | 0.29 | 0.17 | 0.22 | 61 |
| 13/16" | Gray Advanced Low-E IG | PEL-N-218-04245-00001    | 5    | 3    | argon | 0.28 | 0.18 | 0.22 | 61 | N  | NC | SC | S  |
|        | with grilles-between-the-glass | PEL-N-218-04246-00001 | 0.28 | 0.16 | 0.19 | 61 |
|        | with integral grilles | PEL-N-218-04247-00001 | 0.29 | 0.16 | 0.19 | 61 |
| 13/16" | Green Advanced Low-E IG | PEL-N-218-04261-00001    | 5    | 3    | argon | 0.28 | 0.22 | 0.35 | 61 | N  | NC | SC | S  |
|        | with grilles-between-the-glass | PEL-N-218-04262-00001 | 0.28 | 0.19 | 0.29 | 61 |
|        | with integral grilles | PEL-N-218-04263-00001 | 0.29 | 0.19 | 0.29 | 61 |

**High Altitude Glazing**

| 13/16" | Advanced Low-E IG | PEL-N-218-04193-00001    | 3    | 3    | air   | 0.30 | 0.22 | 0.39 | 58 | N  | NC | SC | S  |
|        | with grilles-between-the-glass | PEL-N-218-04194-00001 | 0.30 | 0.19 | 0.33 | 58 |
|        | with integral grilles | PEL-N-218-04195-00001 | 0.31 | 0.19 | 0.33 | 58 |
| 13/16" | SunDefense Low-E IG | PEL-N-218-04097-00001    | 3    | 3    | air   | 0.30 | 0.17 | 0.36 | 59 | N  | NC | SC | S  |
|        | with grilles-between-the-glass | PEL-N-218-04098-00001 | 0.30 | 0.15 | 0.31 | 59 |
|        | with integral grilles | PEL-N-218-04099-00001 | 0.31 | 0.15 | 0.31 | 59 |
| 13/16" | AdvancedComfort Low-E IG | PEL-N-218-04129-00001    | 3    | 3    | air   | 0.26 | 0.21 | 0.38 | 45 | N  | NC | SC | S  |
|        | with grilles-between-the-glass | PEL-N-218-04130-00001 | 0.26 | 0.19 | 0.33 | 45 |
|        | with integral grilles | PEL-N-218-04131-00001 | 0.27 | 0.19 | 0.33 | 45 |
| 13/16" | NaturalSun Low-E IG | PEL-N-218-04161-00001    | 3    | 3    | air   | 0.31 | 0.39 | 0.44 | 58 | N  | NC | SC | S  |
|        | with grilles-between-the-glass | PEL-N-218-04162-00001 | 0.31 | 0.34 | 0.38 | 58 |
|        | with integral grilles | PEL-N-218-04163-00001 | 0.32 | 0.34 | 0.38 | 58 |

**R-Value = 1/U-Factor**  
**SHGC = Solar Heat Gain Coefficient**  
**VLT % = Visible Light Transmission**  
**CR = Condensation Resistance**  
**ER = Canadian Energy Rating**  

(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2016 (Version 6) criteria.  
(2) The values shown are based on Canada's updated ENERGY STAR® 2015 initiative.  
U-Factor values shown are based on a standard sill and pine interior.  
For center-glass values, see the Product Performance section.  
See the Product Performance section for more detailed information or visit www.energystar.gov for Energy Star guidelines.
Pella Reserve™ Contemporary In-Swing Door

Grilles

Grille Profiles

Square Grille
Clad Exterior - Wood Interior

Grille Profiles

Contoured Aluminum - Grilles-Between-the-Glass

Grille Patterns

Integral Light Technology® Grilles

Prairie
- 9-Lite available in all standard and special sizes.
- 12-Lite available at 8' height; other heights available per custom drawing.
- Standard corner light dimension for Prairie patterns = 3-1/2” VG.

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.

Grilles-Between-the-Glass

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.

Cross
- Horizontal bar is 1/4 of visible glass from the top in door panels.

Top Row
- Horizontal bar may be ordered 12”, 14” or 16” from the top VG.

For traditional patterns, see size tables.

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

VG = Visible Glass

Lite dimensions noted can vary.

Custom configurations are also available, for details contact your local Pella sales representative.
### Pella® Reserve™ Contemporary In-Swing Door

#### Standard Size Tables

#### 6' 7" Single Doors

<table>
<thead>
<tr>
<th>Opening</th>
<th>2' 2 1/8&quot; (664)</th>
<th>2' 6 3/4&quot; (781)</th>
<th>2' 10 1/4&quot; (870)</th>
<th>3' 0 3/4&quot; (933)</th>
<th>3' 2 5/8&quot; (981)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>2' 1 3/4&quot; (645)</td>
<td>2' 6&quot; (762)</td>
<td>2' 9 1/2&quot; (851)</td>
<td>3' 0&quot; (914)</td>
<td>3' 1 1/8&quot; (962)</td>
</tr>
</tbody>
</table>

#### 6' 7" Double Doors Fixed-Active

<table>
<thead>
<tr>
<th>Opening</th>
<th>4' 2 3/4&quot; (1 289)</th>
<th>5' 0&quot; (1 524)</th>
<th>5' 7&quot; (1 702)</th>
<th>6' 0&quot; (1 829)</th>
<th>6' 3 3/4&quot; (1 924)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>4' 2&quot; (1 270)</td>
<td>4' 11 1/4&quot; (1 505)</td>
<td>5' 6 1/4&quot; (1 682)</td>
<td>5' 11 1/4&quot; (1 810)</td>
<td>6' 3&quot; (1 905)</td>
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</table>

#### 6' 7" Double Doors Active-Passive

<table>
<thead>
<tr>
<th>Opening</th>
<th>4' 2 3/4&quot; (1 289)</th>
<th>5' 0&quot; (1 524)</th>
<th>5' 7&quot; (1 702)</th>
<th>6' 0&quot; (1 829)</th>
<th>6' 3 3/4&quot; (1 924)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>4' 2&quot; (1 270)</td>
<td>4' 11 1/4&quot; (1 505)</td>
<td>5' 6 1/4&quot; (1 682)</td>
<td>5' 11 1/4&quot; (1 810)</td>
<td>6' 3&quot; (1 905)</td>
</tr>
</tbody>
</table>

Not to scale.

Traditional grille patterns shown.

All doors and sidelights are glazed with tempered glass.

Left-hand single doors shown, right-hand and fixed also available.
### 6’ 10” Single Doors

<table>
<thead>
<tr>
<th>Opening</th>
<th>2’ 2 1/8” (664)</th>
<th>2’ 6 1/4” (781)</th>
<th>2’ 10 1/4” (870)</th>
<th>3’ 0 1/4” (933)</th>
<th>3’ 2 1/8” (981)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>2’ 1 1/8” (645)</td>
<td>2’ 6” (762)</td>
<td>2’ 9 1/2” (851)</td>
<td>3’ 0” (914)</td>
<td>3’ 1 1/8” (962)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frame</th>
<th>LEFT 2682</th>
<th>LEFT 3082</th>
<th>LEFT 3482</th>
<th>LEFT 3682</th>
<th>LEFT 3882</th>
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</thead>
<tbody>
<tr>
<td>Size</td>
<td>6’ 10” (2 083)</td>
<td>6’ 10” 1/2” (2 070)</td>
<td>6’ 10” 1/2” (2 070)</td>
<td>6’ 10” 1/2” (2 070)</td>
<td>6’ 10” 1/2” (2 070)</td>
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### 6’ 10” Double-Swing Doors Fixed-Active

<table>
<thead>
<tr>
<th>Opening</th>
<th>4’ 2 3/4” (1 289)</th>
<th>5’ 0” (1 524)</th>
<th>5’ 7” (1 702)</th>
<th>6’ 0” (1 829)</th>
<th>6’ 3 3/4” (1 924)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>4’ 2” (1 270)</td>
<td>4’ 11 1/4” (1 505)</td>
<td>5’ 6 1/4” (1 682)</td>
<td>5’ 11 1/4” (1 810)</td>
<td>6’ 3” (1 905)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frame</th>
<th>FIXED-ACTIVE 5082</th>
<th>FIXED-ACTIVE 6082</th>
<th>FIXED-ACTIVE 6782</th>
<th>FIXED-ACTIVE 7282</th>
<th>FIXED-ACTIVE 7582</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>6’ 10” (2 083)</td>
<td>6’ 10” 1/2” (2 070)</td>
<td>6’ 10” 1/2” (2 070)</td>
<td>6’ 10” 1/2” (2 070)</td>
<td>6’ 10” 1/2” (2 070)</td>
</tr>
</tbody>
</table>

### 6’ 10” Double Doors Active-Passive

<table>
<thead>
<tr>
<th>Opening</th>
<th>4’ 2 3/4” (1 289)</th>
<th>5’ 0” (1 524)</th>
<th>5’ 7” (1 702)</th>
<th>6’ 0” (1 829)</th>
<th>6’ 3 3/4” (1 924)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>4’ 2” (1 270)</td>
<td>4’ 11 1/4” (1 505)</td>
<td>5’ 6 1/4” (1 682)</td>
<td>5’ 11 1/4” (1 810)</td>
<td>6’ 3” (1 905)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Frame</th>
<th>ACTIVE-PASSIVE 5082</th>
<th>ACTIVE-PASSIVE 6082</th>
<th>ACTIVE-PASSIVE 6782</th>
<th>ACTIVE-PASSIVE 7282</th>
<th>ACTIVE-PASSIVE 7582</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>6’ 10” (2 083)</td>
<td>6’ 10” 1/2” (2 070)</td>
<td>6’ 10” 1/2” (2 070)</td>
<td>6’ 10” 1/2” (2 070)</td>
<td>6’ 10” 1/2” (2 070)</td>
</tr>
</tbody>
</table>

---

Not to scale.

Traditional grille patterns shown.

All doors and sidelights are glazed with tempered glass.

Left-hand single doors shown, right-hand and fixed also available.
### Pella® Reserve™ Contemporary In-Swing Door

#### Standard Size Tables

**7' 2" Single Doors**

<table>
<thead>
<tr>
<th>Opening</th>
<th>Frame 2' 1(\frac{1}{2})&quot; (645)</th>
<th>Frame 2' 6&quot; (762)</th>
<th>Frame 2' 9(\frac{1}{2})&quot; (851)</th>
<th>Frame 3' 0&quot; (914)</th>
<th>Frame 3' 1(\frac{1}{2})&quot; (962)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5086</td>
<td>LEFT 2686</td>
<td>LEFT 3086</td>
<td>LEFT 3486</td>
<td>LEFT 3686</td>
<td>LEFT 3886</td>
</tr>
</tbody>
</table>

**7' 2" Double-Swing Doors Fixed-Active**

<table>
<thead>
<tr>
<th>Opening</th>
<th>Frame 4' 2&quot; (1270)</th>
<th>Frame 4' 11(\frac{1}{2})&quot; (1505)</th>
<th>Frame 5' 6(\frac{1}{4})&quot; (1682)</th>
<th>Frame 5' 11(\frac{1}{4})&quot; (1810)</th>
<th>Frame 6' 3&quot; (1905)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5086</td>
<td>FIXED-ACTIVE 5086</td>
<td>FIXED-ACTIVE 6086</td>
<td>FIXED-ACTIVE 6786</td>
<td>FIXED-ACTIVE 7286</td>
<td>FIXED-ACTIVE 7586</td>
</tr>
</tbody>
</table>

**7' 2" Double Doors Active-Passive**

<table>
<thead>
<tr>
<th>Opening</th>
<th>Frame 4' 2&quot; (1270)</th>
<th>Frame 4' 11(\frac{1}{2})&quot; (1505)</th>
<th>Frame 5' 6(\frac{1}{4})&quot; (1682)</th>
<th>Frame 5' 11(\frac{1}{4})&quot; (1810)</th>
<th>Frame 6' 3&quot; (1905)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5086</td>
<td>ACTIVE-PASSIVE 5086</td>
<td>ACTIVE-PASSIVE 6086</td>
<td>ACTIVE-PASSIVE 6786</td>
<td>ACTIVE-PASSIVE 7286</td>
<td>ACTIVE-PASSIVE 7586</td>
</tr>
</tbody>
</table>

Not to scale.
Traditional grille patterns shown.
All doors and sidelights are glazed with tempered glass.
Left-hand single doors shown, right-hand and fixed also available.
### 8' 0" Single Doors

<table>
<thead>
<tr>
<th>Opening</th>
<th>Frame</th>
<th>2' 2 1/8&quot;</th>
<th>2' 6 1/4&quot;</th>
<th>2' 10 1/4&quot;</th>
<th>3' 0 3/4&quot;</th>
<th>3' 2 1/8&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>8' 0&quot;</td>
<td>LEFT</td>
<td>(664)</td>
<td>(781)</td>
<td>(870)</td>
<td>(933)</td>
<td>(981)</td>
</tr>
<tr>
<td></td>
<td>LEFT</td>
<td>(645)</td>
<td>(762)</td>
<td>(851)</td>
<td>(914)</td>
<td>(962)</td>
</tr>
</tbody>
</table>

#### Frame Dimensions

- 8' 0" Opening: 7' 11 1/2" (2.438)
- 8' 0" Opening: 8' 0" (2.438)

#### Door Types

- ACTIVE-PASSIVE
- LEFT

### 8' 0" Double-Swing Doors Fixed-Active

<table>
<thead>
<tr>
<th>Opening</th>
<th>Frame</th>
<th>4' 2 3/4&quot;</th>
<th>5' 0&quot;</th>
<th>5' 7&quot;</th>
<th>6' 0&quot;</th>
<th>6' 3 3/4&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>8' 0&quot;</td>
<td>FIXED-ACTIVE</td>
<td>(1.289)</td>
<td>(1.524)</td>
<td>(1.702)</td>
<td>(1.829)</td>
<td>(1.924)</td>
</tr>
<tr>
<td></td>
<td>FIXED-ACTIVE</td>
<td>(1.270)</td>
<td>(1.505)</td>
<td>(1.682)</td>
<td>(1.810)</td>
<td>(1.905)</td>
</tr>
</tbody>
</table>

#### Frame Dimensions

- 8' 0" Opening: 7' 11 1/2" (2.438)
- 8' 0" Opening: 8' 0" (2.438)

#### Door Types

- FIXED-ACTIVE
- 5096
- 6096
- 6796
- 7296
- 7596

### 8' 0" Double Doors Active-Passive

<table>
<thead>
<tr>
<th>Opening</th>
<th>Frame</th>
<th>4' 2 3/4&quot;</th>
<th>5' 0&quot;</th>
<th>5' 7&quot;</th>
<th>6' 0&quot;</th>
<th>6' 3 3/4&quot;</th>
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</thead>
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<td>ACTIVE-PASSIVE</td>
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<td>(1.524)</td>
<td>(1.702)</td>
<td>(1.829)</td>
<td>(1.924)</td>
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<tr>
<td></td>
<td>ACTIVE-PASSIVE</td>
<td>(1.270)</td>
<td>(1.505)</td>
<td>(1.682)</td>
<td>(1.810)</td>
<td>(1.905)</td>
</tr>
</tbody>
</table>

#### Frame Dimensions

- 8' 0" Opening: 7' 11 1/2" (2.438)
- 8' 0" Opening: 8' 0" (2.438)

#### Door Types

- ACTIVE-PASSIVE
- 5096
- 6096
- 6796
- 7296
- 7596

---

Not to scale.

Traditional grille patterns shown.

All doors and sidelights are glazed with tempered glass.

Left-hand single doors shown, right-hand and fixed also available.
### Pella® Reserve™ Contemporary In-Swing Door

#### Standard Size Tables

**10' 0" Single Doors**

<table>
<thead>
<tr>
<th>Opening</th>
<th>Frame</th>
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</thead>
<tbody>
<tr>
<td>2' 2 1/8&quot; (664)</td>
<td>2' 6 3/4&quot; (781)</td>
</tr>
<tr>
<td>LEFT 26120</td>
<td>LEFT 30120</td>
</tr>
</tbody>
</table>

**10' 0" Double Doors Active-Passive**

<table>
<thead>
<tr>
<th>Opening</th>
<th>Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>4' 2 3/4&quot; (1289)</td>
<td>5' 0&quot; (1524)</td>
</tr>
<tr>
<td>ACTIVE-PASSIVE 50120</td>
<td>ACTIVE-PASSIVE 60120</td>
</tr>
</tbody>
</table>

Not to scale.
Traditional grille patterns shown.
Special Size Frame Dimensions

<table>
<thead>
<tr>
<th>Door Type</th>
<th>Minimum</th>
<th>Maximum</th>
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</thead>
<tbody>
<tr>
<td>Fixed</td>
<td>2' 0&quot; W x 4' 0&quot; H (24&quot; x 48&quot;)</td>
<td>5' 0&quot; W x 9' 11-1/2&quot; H (60&quot; x 119-1/2&quot;)</td>
</tr>
<tr>
<td></td>
<td>(610 x 1 219)</td>
<td>(1 524 x 3 035)</td>
</tr>
<tr>
<td>Single Door</td>
<td>2' 0&quot; W x 4' 0&quot; H (24&quot; x 48&quot;)</td>
<td>4' 0&quot; W x 9' 11-1/2&quot; H (48&quot; x 119-1/2&quot;)</td>
</tr>
<tr>
<td></td>
<td>(610 x 1 219)</td>
<td>(1 219 x 3 035)</td>
</tr>
<tr>
<td>Double Door (AP/PA)</td>
<td>4' 0&quot; W x 4' 0&quot; H (48&quot; x 48&quot;)</td>
<td>8' 0&quot; W x 9' 11-1/2&quot; H (96&quot; x 119-1/2&quot;)</td>
</tr>
<tr>
<td></td>
<td>(1 219 x 1 219)</td>
<td>(2 438 x 3 035)</td>
</tr>
<tr>
<td>Double Door (AF/PA)</td>
<td>4' 0&quot; W x 6' 7-1/2&quot; H (48&quot; x 79-1/2&quot;)</td>
<td>6' 3&quot; W x 8' 0&quot; H (75&quot; x 96&quot;)</td>
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<tr>
<td></td>
<td>(1 219 x 2 019)</td>
<td>(1 905 x 2 438)</td>
</tr>
<tr>
<td>Transom (Fixed Frame Direct Set)</td>
<td>2' 1&quot; W x 1' 5&quot; H (25-1/4&quot; x 17&quot;)</td>
<td>6' 3-3/4&quot; W x 2' 1&quot; H (75-3/4&quot; x 25&quot;)</td>
</tr>
<tr>
<td></td>
<td>(641 x 432)</td>
<td>(1 924 x 635)</td>
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</table>

Hinged Door Screen Availability

<table>
<thead>
<tr>
<th>Door Type</th>
<th>Frame Width</th>
<th>Frame Height</th>
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<tbody>
<tr>
<td>Single Door</td>
<td>Minimum</td>
<td>Maximum</td>
</tr>
<tr>
<td>Single Door</td>
<td>24&quot;</td>
<td>42&quot;</td>
</tr>
<tr>
<td>Double Door</td>
<td>48&quot;</td>
<td>84&quot;</td>
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Miscellaneous Formulas

<table>
<thead>
<tr>
<th></th>
<th>Single Door</th>
<th>Double-Door</th>
<th>Transom - Fixed Frame Direct Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visible Glass Width</td>
<td>Frame Width - 11.625</td>
<td>(Frame Width - 22.5&quot;)/2</td>
<td>Frame Width - 3.25&quot;</td>
</tr>
<tr>
<td>Visible Glass Height</td>
<td>Frame Height - 12.1875*</td>
<td></td>
<td>Frame Height - 3.25*</td>
</tr>
<tr>
<td>Actual Glass Width</td>
<td>Frame Width - 10.625</td>
<td>(Frame Width - 20.5&quot;)/2</td>
<td>Frame Width - 2&quot;</td>
</tr>
<tr>
<td>Actual Glass Height</td>
<td>Frame Height - 11.1875*</td>
<td></td>
<td>Frame Height - 2*</td>
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Clear Opening Schematic

<table>
<thead>
<tr>
<th>Clear Opening Width @90°</th>
<th>Single Door</th>
<th>Single Door - ADA Sill</th>
<th>Double-Door (Single Panel)</th>
<th>Double-Door - ADA Sill (Single Panel)</th>
<th>Double-Door - (Both Panels PA/AP)</th>
<th>Double-Door - ADA Sill (Both Panels PA/AP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear Opening Width @90°</td>
<td>Frame Width - 5.3125*</td>
<td>(Frame Width + 2) - 5&quot;</td>
<td>(Frame Width - 7.5&quot;)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clear Opening Width @172°</td>
<td>Frame Width - 3.1875*</td>
<td>(Frame Width + 2) - 2.8125&quot;</td>
<td>(Frame Width) - 3&quot;</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Clear Opening Height</td>
<td>Frame Height - 3.0625*</td>
<td>Frame Height - 2&quot;</td>
<td>Frame Height - 3.0625&quot;</td>
<td>Frame Height - 2&quot;</td>
<td>Frame Height - 3.0625&quot;</td>
<td>Frame Height - 2&quot;</td>
</tr>
</tbody>
</table>

(1) Available within size range shown. Keep frame dimensions to the nearest 1/8" increment.
(2) Frame Height must be a Frame Width.
To convert areas to square meters (m²), multiply square feet by 0.0929.
<table>
<thead>
<tr>
<th>Unit</th>
<th>Single and Double Doors</th>
<th>Clear Opening (Inches)</th>
<th>Vent Area (Standard Sill)</th>
<th>Vent Area (ADA Sill)</th>
<th>Visible Glass Ft²</th>
<th>Standard Glass Thickness (mm)</th>
<th>Tempered</th>
<th>Performance Class &amp; Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Width (Inches) (172°)</td>
<td>Width (Inches) (90°)</td>
<td>Standard Sill Unit Height</td>
<td>ADA Sill Unit Height</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2680</td>
<td>L/R</td>
<td>22-3/16</td>
<td>20-1/16</td>
<td>76-7/16</td>
<td>77-1/2</td>
<td>11.8</td>
<td>11.9</td>
<td>6.4 3 LC55</td>
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<tr>
<td>3080</td>
<td>L/R</td>
<td>26-13/16</td>
<td>24-11/16</td>
<td>76-7/16</td>
<td>77-1/2</td>
<td>14.2</td>
<td>14.4</td>
<td>8.6 3 LC55</td>
</tr>
<tr>
<td>3480</td>
<td>L/R</td>
<td>30-5/16</td>
<td>28-3/16</td>
<td>76-7/16</td>
<td>77-1/2</td>
<td>16.1</td>
<td>16.3</td>
<td>10.2 3 LC55</td>
</tr>
<tr>
<td>3680</td>
<td>L/R</td>
<td>32-13/16</td>
<td>30-11/16</td>
<td>76-7/16</td>
<td>77-1/2</td>
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<tr>
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<td>L/R</td>
<td>34-11/16</td>
<td>32-9/16</td>
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<td>18.7</td>
<td>12.3 3 LC55</td>
</tr>
<tr>
<td>5080</td>
<td>FA/AF</td>
<td>22-1/4</td>
<td>20</td>
<td>76-7/16</td>
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<td>12.0</td>
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<td>6080</td>
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<td>26-7/8</td>
<td>24-5/8</td>
<td>76-7/16</td>
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<td>14.5</td>
<td>17.2 3 LC55</td>
</tr>
<tr>
<td>6780</td>
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<td>30-3/8</td>
<td>28-1/8</td>
<td>76-7/16</td>
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<td>16.1</td>
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</tr>
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<td>7280</td>
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<td>32-7/8</td>
<td>30-5/8</td>
<td>76-7/16</td>
<td>77-1/2</td>
<td>17.5</td>
<td>17.7</td>
<td>22.8 3 LC55</td>
</tr>
<tr>
<td>7580</td>
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<td>34-3/8</td>
<td>32-1/2</td>
<td>76-7/16</td>
<td>77-1/2</td>
<td>18.4</td>
<td>18.7</td>
<td>24.5 3 LC55</td>
</tr>
<tr>
<td>5080</td>
<td>PA/AP</td>
<td>47 / 22-3/16</td>
<td>42 / 1/2 / 20</td>
<td>76-7/16</td>
<td>77-1/2</td>
<td>11.8</td>
<td>11.9</td>
<td>12.9 3 LC55</td>
</tr>
<tr>
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<td>PA/AP</td>
<td>56-1/4 / 26-13/16</td>
<td>51-3/4 / 24-5/8</td>
<td>76-7/16</td>
<td>77-1/2</td>
<td>14.2</td>
<td>14.4</td>
<td>17.2 3 LC55</td>
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<td>7280</td>
<td>PA/AP</td>
<td>68-1/4 / 32-13/16</td>
<td>63-3/4 / 30-5/8</td>
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<td>77-1/2</td>
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<td>17.7</td>
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<td>18.4</td>
<td>18.7</td>
<td>24.5 3 LC55</td>
</tr>
</tbody>
</table>

(-) = Not Applicable

(1) All dimensions are approximate to the nearest 1/16”. The second value, where shown, provides the clear opening for the active panel only.

(2) Maximum performance when glazed with the appropriate glass thickness. All doors and sidelights are Tempered glass.

To convert areas to square meters (m²), multiply square feet by 0.0929.
### In-Swing Design Data

<table>
<thead>
<tr>
<th>Unit</th>
<th>Clear Opening (Inches)</th>
<th>Single and Double Doors</th>
<th>Width (Inches) (172°)</th>
<th>Width (Inches) (90°)</th>
<th>Standard Sill Unit Height</th>
<th>ADA Sill Unit Height</th>
<th>Vent Area (Standard Sill)</th>
<th>Vent Area (ADA Sill)</th>
<th>Visible Glass Ft²</th>
<th>Standard Glass Thickness (mm)</th>
<th>Tempered</th>
<th>Performance class &amp; Grade</th>
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<tbody>
<tr>
<td>2682 F</td>
<td></td>
<td></td>
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</tr>
<tr>
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(-) = Not Applicable

(1) All dimensions are approximate to the nearest 1/16°. The second value, where shown, provides the clear opening for the active panel only.

(2) Maximum performance when glazed with the appropriate glass thickness. All doors and sidelights are Tempered glass.

To convert areas to square meters (m²), multiply square feet by 0.0929.
# Pella Reserve™ Contemporary In-Swing Door

## Design Data

### In-Swing Design Data

<table>
<thead>
<tr>
<th>Unit</th>
<th>Single and Double Doors</th>
<th>Clear Opening (Inches)</th>
<th>Standard Sill Unit Height</th>
<th>ADA Sill Unit Height</th>
<th>Vent Area (Standard Sill)</th>
<th>Vent Area (ADA Sill)</th>
<th>Visible Glass Ft²</th>
<th>Standard Glass Thickness (mm)</th>
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<th>Performance Class &amp; Grade</th>
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(1) All dimensions are approximate to the nearest 1/16”. The second value, where shown, provides the clear opening for the active panel only.
(2) Maximum performance when glazed with the appropriate glass thickness. All doors and sidelights are Tempered glass.
To convert areas to square meters (m²), multiply square feet by 0.0929.
# Design Data

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(—) = Not Applicable

(1) Maximum performance when glazed with the appropriate glass thickness. Second value, where shown, requires tempered glass.
Pella Reserve ™ Contemporary In-Swing Door

Detailed Product Descriptions

Frame
- 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, and stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are [clear pine] [mahogany] [ douglas fir], edge-banded and veneered.
- Exterior surfaces are clad with aluminum at the head and jambs.
- Components are assembled with screws, staples and concealed corner locks.
- Frame depth between 5-7/8" (149mm) to 8-5/8" (219mm), for wall depth between 4-9/16" (112mm) to 7-5/16" (186mm).
- Optional factory-applied EnduraClad® exterior trim.
- Solid extruded aluminum sill with [Mill] [Nickel] [Bronze] [Black] [anodized to match anodized cladding] finish. (Mahogany threshold for mahogany door) (Oak) (composite black) threshold for [pine] [ douglas fir] door.
- Sill is 1/2" low profile. Material and finish are extruded aluminum with [mill] [Bronze] finish.

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, and 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 aluminum.
- Panel hinge stiles and rails are three-ply construction, randomly finger-jointed blocks laminated with water-resistant glue and veneered on both sides.
- Panel lock stiles are constructed with LVL core with finger-jointed 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).

Weatherstripping
- Dual-durometer extruded polymer along perimeter of door frame. On bottom panels, dual-durometer extruded polymer interior air seal and rigid polymer exterior facing bristle-strip.

Glazing System
- Quality fully-tempered float glass complying with ASTM C 1048.
- Custom and high altitude glazing available.
- Urethane-glazed 13/16" dual-seal insulation glass [clear] [obscure] [Advanced Low-E] [SunDefense™ Low-E] [AdvancedComfort Low-E] [NaturalSun Low-E] with argon]
- Silicone-glazed 1" triple-seal insulating glass [Advanced Low-E] [SunDefense™ Low-E] [NaturalSun Low-E] with [argon] [krypton].

Exterior
- Aluminum clad exteriors shall be finished with EnduraClad® protective finish, in a multi-step, baked-on finish.
  - Color is [Standard] [custom].
- Aluminum clad exteriors shall be finished with EnduraClad Plus protective finish with 70% fluoropolymer resin in a multi-step, baked-on finish.
  - Color is [Standard] [custom].

Interior
- [Unfinished, ready for site finishing] [factory primed with one coat acrylic latex]
  - [factory prefinished] [paint] [stain].

Hardware

Hinges
- Hinges are adjustable to help with installation.
- Doors under 7’ 0" frame height will have three (3) hinges per panel.
- Doors over 7’ 0" frame height up to and including 8’ 0" frame height will have four (4) hinges per panel.
- Doors over 8’ 3" frame height up to and including 9’ 0" frame height will have five (5) hinges per panel.
- Doors over 9’ 0" frame height will have six (6) hinges per panel.

Locks
- 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 the stile.
- Solid brass handles and keylock with K-keyway cylinder.
- Key cylinder finish is [Brass] [Chrome] [Matte Black].

Finish
- Hardware finish (Handle, Hinges and Strike) is [PVD High Performance finish [Bright Brass] [Satin Nickel] [Antique Brass] [Polished Nickel] [Polished Chrome] [Distressed Bronze] [Distressed Nickel] [Oil-Rubbed Bronze] [baked enamel [White] [Champagne] [Brown] [Matte Black]].

Optional Products

Grilles
- Integral Light Technology® grilles
  - Interior grilles are [5/8"] [7/8"] [1-1/4"] [2"] square profile that are solid [clear pine] [mahogany] [ douglas fir].
- Patterns are [Traditional] [ Prairie] [Top Row] [Cross].
- 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.

Screen
- Finish matches exterior cladding.

Hinged Insect Screens:
- Compliance: ASTM D 3656 and complying with the performance requirements of SMA 1201.
- Screen Cloth: InView™ Vinyl-coated fiberglass, 18/18 mesh fiberglass screen cloth.
- Extruded-aluminum frame, hinged to door frame.
- Complete with necessary hardware.
- Hardware Color: [Satin Nickel] [Bright Brass] [Oil-Rubbed Bronze].

Exterior Sliding Insect Screens:
- Compliance: ASTM D 3656 and complying with the performance requirements of SMA 1201.
- Screen Cloth: InView™ Vinyl-coated fiberglass, 18/18 mesh fiberglass screen cloth.
- Extruded-aluminum frame, top hung on two (2) adjustable nylon rollers.
- Complete with necessary hardware.
- Hardware Color: [White] [Champagne] [Brown] [Matte Black].

Sensors
- Optional factory installed integrated security sensors available in vent units.

(1) Contact your local Pella sales representative for current color options.
(2) Available in clear or Low-E insulating glass with argon, and obscure insulated glass.
(3) 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.
(4) Appearance of exterior grille color will vary depending on Low-E coating on glass.
Pella® Reserve™ Contemporary In-Swing Door

Unit Sections

Handle Height Dimension shown is from bottom of unit frame to door handle. Installation method used and finished flooring conditions will cause handle height to vary. Doors not using the standard Pella multi-point lock and hardware (specified as ‘No lock/No Bore’) are not Hallmark certified.

Scale 3" = 1' 0"

All dimensions are approximate.

Water resistance is 0 psf for doors with low profile sill
Pella® Reserve™ Contemporary In-Swing Door

Unit Sections

Pella Reserve™ Contemporary In-Swing Door

**FIXED LOW PROFILE**

**FRAME HEIGHT**

**FH**  FIXED HEAD

**FH**  FIXED HEAD

**LF**  LOW PROFILE SILL

**FJ**  FIXED JAMB

Dashed lines indicate maximum frame depth for 7 1/4" (184) wall.

Scale 3" = 1' 0"
All dimensions are approximate.
Water resistance is 0 psf for doors with low profile sill.
Pella® Reserve™ Contemporary In-Swing Door

Unit Sections

ACTIVE X/O FIXED ASTRAGAL

PASSIVE / ACTIVE

VENT

PASSIVE / ACTIVE ASTRAGAL

ACTIVE / FIXED ASTRAGAL

FIXED JAMB

LOCK JAMB

HINGE JAMB

VERTICAL JOINING MULLION

SIDELIGHT JAMB / LOCK JAMB

VERTICAL JOINING MULLION

HINGE JAMB / SIDELIGHT

Scale 3" = 1' 0"

All dimensions are approximate.