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<td>Stops / Side</td>
<td>51</td>
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<td>Art Glass Trim Stops</td>
<td>62</td>
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<td>Art Glass Hardware</td>
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<td>Service Replacement Only Parts</td>
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<td>Service Replacement Only Parts</td>
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<td>Sash - Standard Windows / High Performance Sun Bronze</td>
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<tr>
<td>Sash - Standard Windows / Dual Pane 5/8 POG</td>
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<td>Sash - Picture Windows / High Performance Sun Bronze</td>
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</tr>
<tr>
<td>Cartons</td>
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</tr>
</tbody>
</table>
Perma-Shield® Awning Windows (1966 to 1996)

Standard and Picture Windows

Parts Illustration

Unit viewed from exterior.
### Unit Size Chart - Standard Windows

**Note:**
Direction of hinging shown is standard. Opening is viewed from exterior. Unit Dimension refers to overall outside-to-outside frame. Unobstructed Glass refers to visible glass dimensions. Numbers in parenthesis are metric measurements. See [Measuring Visible Glass Video](#).

<table>
<thead>
<tr>
<th>Dimension</th>
<th>2'-0½&quot;</th>
<th>2'-11½&quot;</th>
<th>3'-4½&quot;</th>
<th>4'-0&quot;</th>
<th>4'-4½&quot;</th>
<th>4'-11½&quot;</th>
<th>5'-4½&quot;</th>
<th>5'-11½&quot;</th>
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</thead>
<tbody>
<tr>
<td>Opening</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Rough</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>V-Glass</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>Unit</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1'-9½&quot;</td>
<td>AR21</td>
<td>AN21</td>
<td>A21</td>
<td>A21</td>
<td>A21</td>
<td>A21</td>
<td>A21</td>
<td>A21</td>
</tr>
<tr>
<td>1'-15½&quot;</td>
<td>AR31</td>
<td>AN31</td>
<td>A31</td>
<td>A31</td>
<td>A31</td>
<td>A31</td>
<td>A31</td>
<td>A31</td>
</tr>
<tr>
<td>1'-9½&quot;</td>
<td>AR351</td>
<td>AN351</td>
<td>A351</td>
<td>A351</td>
<td>A351</td>
<td>A351</td>
<td>A351</td>
<td>A351</td>
</tr>
<tr>
<td>1'-15½&quot;</td>
<td>AR41</td>
<td>AN41</td>
<td>A41</td>
<td>A41</td>
<td>A41</td>
<td>A41</td>
<td>A41</td>
<td>A41</td>
</tr>
<tr>
<td>1'-9½&quot;</td>
<td>AR451</td>
<td>AN451</td>
<td>A451</td>
<td>A451</td>
<td>A451</td>
<td>A451</td>
<td>A451</td>
<td>A451</td>
</tr>
<tr>
<td>1'-15½&quot;</td>
<td>AR51</td>
<td>AN51</td>
<td>A51</td>
<td>A51</td>
<td>A51</td>
<td>A51</td>
<td>A51</td>
<td>A51</td>
</tr>
<tr>
<td>1'-9½&quot;</td>
<td>AR551</td>
<td>AN551</td>
<td>A551</td>
<td>A551</td>
<td>A551</td>
<td>A551</td>
<td>A551</td>
<td>A551</td>
</tr>
<tr>
<td>1'-15½&quot;</td>
<td>AR61</td>
<td>AN61</td>
<td>A61</td>
<td>A61</td>
<td>A61</td>
<td>A61</td>
<td>A61</td>
<td>A61</td>
</tr>
</tbody>
</table>

### Bead conversion chart

“**Standard Windows / Venting Picture Windows/ Single Sash**” on page 18

### Hinge replacement chart

“**Split Arm Hinge with Screws - Head (April 2001 to Present)**” on page 41

---

**Perma-Shield® Awning Standard Window Unit Sizes**

Unit viewed from exterior.
Perma-Shield® Awning Windows (1966 to 1996)

Standard and Picture Windows

Unit Sizes

Unit Size Chart - Picture Windows

Note:
Unit Dimension refers to overall outside-to-outside frame. Unobstructed Glass refers to visible glass dimensions. Numbers in parentheses are metric measurements.

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Opening</th>
<th>Rough Width</th>
<th>Visible Glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'-11 15/16&quot;</td>
<td>(913)</td>
<td>(1037)</td>
<td>(1219)</td>
</tr>
<tr>
<td>3'-0&quot;</td>
<td>(927)</td>
<td>(1051)</td>
<td>(1232)</td>
</tr>
<tr>
<td>3'-4 1/2&quot;</td>
<td>(1037)</td>
<td>(1151)</td>
<td>(1322)</td>
</tr>
<tr>
<td>4'-0&quot;</td>
<td>(1151)</td>
<td>(1261)</td>
<td>(1432)</td>
</tr>
<tr>
<td>4'-4 1/2&quot;</td>
<td>(1261)</td>
<td>(1381)</td>
<td>(1552)</td>
</tr>
<tr>
<td>4'-11 3/4&quot;</td>
<td>(1381)</td>
<td>(1501)</td>
<td>(1672)</td>
</tr>
<tr>
<td>5'-0 3/8&quot;</td>
<td>(1493)</td>
<td>(1613)</td>
<td>(1784)</td>
</tr>
<tr>
<td>5'-1&quot;</td>
<td>(1613)</td>
<td>(1733)</td>
<td>(1904)</td>
</tr>
<tr>
<td>5'-1 3/4&quot;</td>
<td>(1733)</td>
<td>(1853)</td>
<td>(2024)</td>
</tr>
</tbody>
</table>

Table of Basic Venting Picture Window Sizes

"Picture Window / Stationary" on page 19

Hinge replacement chart
"Split Arm Hinge with Screws - Head" on page 41

Stop part number chart

Perma-Shield® Awning Picture Window Unit Sizes

Unit viewed from exterior.
## Product History

<table>
<thead>
<tr>
<th>Year</th>
<th>Milestone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1996</td>
<td>Regional transition to Enhanced Awning.</td>
</tr>
<tr>
<td>1995</td>
<td>Single arm operator and new resin lock introduced.</td>
</tr>
<tr>
<td>1991</td>
<td>Sandtone color introduced.</td>
</tr>
<tr>
<td>1989</td>
<td>Hardwood picture window grilles introduced.</td>
</tr>
<tr>
<td>1988</td>
<td>Argon gas added to the sealed space of High-Performance™ insulating glass.</td>
</tr>
<tr>
<td>1985</td>
<td>Flexible dual duometer bulb weatherstrip introduced.</td>
</tr>
</tbody>
</table>
| 1984 | High-Performance™ insulating glass introduced.  
Tri-pane insulated glass discontinued on new units. |
| 1982 | Blinds introduced for venting and stationary units.  
Split-arm operator introduced. |
| 1981 | Tri-pane insulated glass introduced.  
Silicone bed glazing first used to bond glass to sash. |
| 1974 | Terratone® color introduced.  
Stone-color straight-arm operator introduced. |
| 1966 | Perma-Shield Awning unit introduced. |
## Sash Size Table - Standard Window

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Overall Sash (w x h)</th>
<th>Unobstructed Glass (w x h)</th>
<th>Actual Glass (w x h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR2</td>
<td>22 9/16 x 15 27/32</td>
<td>19 9/16 x 12 5/8</td>
<td>20 3/16 x 13 15/32</td>
</tr>
<tr>
<td>AR3</td>
<td>34 3/8 x 15 27/32</td>
<td>31 1/8 x 12 5/8</td>
<td>32 x 13 15/32</td>
</tr>
<tr>
<td>AR35</td>
<td>39 1/4 x 15 27/32</td>
<td>36 x 12 5/8</td>
<td>36 7/8 x 13 15/32</td>
</tr>
<tr>
<td>AR4</td>
<td>46 7/16 x 15 27/32</td>
<td>43 3/16 x 12 5/8</td>
<td>44 7/16 x 13 15/32</td>
</tr>
<tr>
<td>AR45</td>
<td>51 1/4 x 15 27/32</td>
<td>48 x 12 5/8</td>
<td>48 7/8 x 13 15/32</td>
</tr>
<tr>
<td>AR5</td>
<td>58 1/4 x 15 27/32</td>
<td>55 1/16 x 12 5/8</td>
<td>55 7/16 x 13 15/32</td>
</tr>
<tr>
<td>AR55</td>
<td>63 1/4 x 15 27/32</td>
<td>60 x 12 5/8</td>
<td>60 7/8 x 13 15/32</td>
</tr>
<tr>
<td>AR6</td>
<td>70 9/16 x 15 27/32</td>
<td>67 1/16 x 12 5/8</td>
<td>67 15/16 x 13 15/32</td>
</tr>
<tr>
<td>AN2</td>
<td>22 9/16 x 19 11/32</td>
<td>19 9/16 x 16 1/8</td>
<td>20 3/16 x 16 31/32</td>
</tr>
<tr>
<td>AN3</td>
<td>34 3/8 x 19 11/32</td>
<td>31 1/8 x 16 1/8</td>
<td>32 x 16 31/32</td>
</tr>
<tr>
<td>AN35</td>
<td>39 1/4 x 19 11/32</td>
<td>36 x 16 1/8</td>
<td>36 7/8 x 16 31/32</td>
</tr>
<tr>
<td>AN4</td>
<td>46 7/16 x 19 11/32</td>
<td>43 3/16 x 16 1/8</td>
<td>44 7/16 x 16 31/32</td>
</tr>
<tr>
<td>AN45</td>
<td>51 1/4 x 19 11/32</td>
<td>48 x 16 1/8</td>
<td>48 7/8 x 16 31/32</td>
</tr>
<tr>
<td>AN5</td>
<td>58 1/4 x 19 11/32</td>
<td>55 1/16 x 16 1/8</td>
<td>55 7/16 x 16 31/32</td>
</tr>
<tr>
<td>AN55</td>
<td>63 1/4 x 19 11/32</td>
<td>60 x 16 1/8</td>
<td>60 7/8 x 16 31/32</td>
</tr>
<tr>
<td>AN6</td>
<td>70 9/16 x 19 11/32</td>
<td>67 1/16 x 16 1/8</td>
<td>67 15/16 x 16 31/32</td>
</tr>
<tr>
<td>A2</td>
<td>22 9/16 x 22 31/32</td>
<td>19 9/16 x 19 3/4</td>
<td>20 3/16 x 20 19/32</td>
</tr>
<tr>
<td>A3</td>
<td>34 3/8 x 22 31/32</td>
<td>31 1/8 x 19 3/4</td>
<td>32 x 20 19/32</td>
</tr>
<tr>
<td>A330</td>
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<td>32 x 32 13/32</td>
</tr>
<tr>
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<td>32 x 37 7/32</td>
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<td>36 x 19 3/4</td>
<td>36 7/8 x 20 19/32</td>
</tr>
<tr>
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<td>36 x 36 7/16</td>
<td>36 7/8 x 37 7/32</td>
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<tr>
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<td>46 7/16 x 22 31/32</td>
<td>43 3/16 x 19 3/4</td>
<td>44 7/16 x 20 19/32</td>
</tr>
<tr>
<td>A45</td>
<td>51 1/4 x 22 31/32</td>
<td>48 x 19 3/4</td>
<td>48 7/8 x 20 19/32</td>
</tr>
<tr>
<td>A5</td>
<td>58 9/16 x 22 31/32</td>
<td>55 1/16 x 19 3/4</td>
<td>55 7/16 x 20 19/32</td>
</tr>
<tr>
<td>A55</td>
<td>63 1/4 x 22 31/32</td>
<td>60 x 19 3/4</td>
<td>60 7/8 x 20 19/32</td>
</tr>
<tr>
<td>A6</td>
<td>70 9/16 x 22 31/32</td>
<td>67 1/16 x 19 3/4</td>
<td>67 15/16 x 20 19/32</td>
</tr>
<tr>
<td>AW2</td>
<td>22 9/16 x 27 7/32</td>
<td>19 9/16 x 24</td>
<td>20 3/16 x 24 27/32</td>
</tr>
<tr>
<td>AW3</td>
<td>34 3/8 x 27 7/32</td>
<td>31 1/8 x 24</td>
<td>32 x 24 27/32</td>
</tr>
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<td>39 1/4 x 27 7/32</td>
<td>36 x 24</td>
<td>36 7/8 x 24 27/32</td>
</tr>
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<td>AW4</td>
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<td>43 3/16 x 24</td>
<td>44 1/16 x 24 27/32</td>
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<td>48 x 24</td>
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</tr>
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<td>55 7/16 x 24 27/32</td>
</tr>
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<td>60 7/8 x 24 27/32</td>
</tr>
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<td>AW6</td>
<td>69 17/32 x 27 7/32</td>
<td>67 1/16 x 24</td>
<td>67 15/16 x 24 27/32</td>
</tr>
</tbody>
</table>
## Sash Size Table - Picture Window

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Overall Sash (w x h)</th>
<th>Unobstructed Glass (w x h)</th>
<th>Actual Glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP32</td>
<td>34 3/8 x 46 27/32</td>
<td>31 1/8 x 43 5/8</td>
<td>32 x 44 15/32</td>
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<td>32 x 44 15/32</td>
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<td>32 x 68 11/32</td>
</tr>
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<td>36 x 43 5/8</td>
<td>36 7/8 x 44 15/32</td>
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<td>36 7/8 x 68 11/32</td>
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<td>48 7/8 x 44 15/32</td>
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<td>55 15/16 x 44 15/32</td>
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<td>55 15/16 x 56 11/32</td>
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<td>55 15/16 x 68 11/32</td>
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<td>60 x 43 5/8</td>
<td>60 7/8 x 44 15/32</td>
</tr>
</tbody>
</table>
Sash Illustration

1. Top Rail
2. Top and Bottom Rail Vinyl Glazing Beads
3. Top and Bottom Rail Weatherstrip
4. Silicone Glazing
5. Side Stile Weatherstrip
6. Bottom Rail
7. Left Side Stile
8. Right Side Stile
9. Spacer
10. Left and Right Stile Vinyl Glazing Beads
11. Water Bar Weatherstrip

CP35 sash profile changes

Perma-Shield® Awning Sash

Unit viewed from exterior.
Sash

Sash - Standard Windows / High Performance

Note:
Glazing types offered replace all prior versions. Sizes shown in size grid (see page 4) that are not part numbered are available by description. Replacement sash is dimpled for hardware and has notches to accommodate colonial pattern polycarbonate/vinyl removable grilles. Stationary sash ships without clips, see page 14.

See Service Guide 0003910 for venting sash replacement.

See Service Guide 0005111 for stationary sash replacement.

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>White</th>
<th>Terratone®</th>
<th>Sandtone</th>
<th>Unit No.</th>
<th>White</th>
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<tbody>
<tr>
<td>AR2</td>
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<td>2132629</td>
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10 - Perma-Shield® Awning Windows (1966 to 1996)
## Sash - Standard Window / High-Performance Obscure

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## Sash - Standard Window / High-Performance Sun II

**Note:**
Complete sash for standard windows with High-Performance Sun II glass is available. Order by description.

## Sash - Standard Window / High-Performance Sun II Tempered

**Note:**
Complete sash for standard windows with High-Performance Sun II tempered glass is available. Order by description.
## Windows

### Sash

#### Sash - Standard Windows / Dual Pane

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#### Sash - Standard Window / Dual Pane Tempered

**Note:** Complete sash for standard windows with Dual Pane tempered glass is available. Order by description.
Sash - Picture Windows / High Performance

Note:
Sizes shown in size grid (see page 5) that are not part numbered are available by description. Clips/fasteners included for stationary sash.

See Service Guide 0005111 and Stationary Sash Replacement Video.

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<td>By description</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AP42V</td>
<td>1527230</td>
<td>2132232</td>
<td>0639412</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Sash - Picture Window / High-Performance Sun II

Note:
Complete sash for standard windows with High-Performance Sun II glass is available. Order by description.

Sash - Picture Window / High-Performance Sun II Tempered

Note:
Complete sash for standard windows with High-Performance Sun II tempered glass is available. Order by description.
Sash

Sash - Picture Windows / Dual Pane

Note:
Sizes shown in size grid (see page 5) that are not part numbered are available by description. Clips/fasteners included for stationary sash.

See Service Guide 0005111 and Stationary Sash Replacement Video.

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>White</th>
<th>Terratone®</th>
<th>Sandtone</th>
<th>Unit No.</th>
<th>White</th>
<th>Terratone®</th>
<th>Sandtone</th>
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<tbody>
<tr>
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<td>1346520</td>
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<td>By description</td>
<td>AP43</td>
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<tr>
<td>AP32V</td>
<td>1527008</td>
<td>2132008</td>
<td>By description</td>
<td>AP452</td>
<td>By description</td>
<td>By description</td>
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</table>

Sash - Picture Window / Dual Pane Tempered

Note:
Complete sash for standard windows with Dual Pane tempered glass is available. Order by description.

Sash Parts

Stationary Sash Clip Package

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Includes: 12 clips, nails, 24 screws</td>
<td>Pkg. of 12</td>
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Stationary Sash Clip

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
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<tbody>
<tr>
<td>Includes: Single clip</td>
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## Weatherstrip

**Note:**
Continuous one piece weatherstrip shown below replaces all previous vintages in 2019. See Service Guide 0005423.

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<td>AW451</td>
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<td>1347540</td>
<td>AP42</td>
<td>9018833</td>
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<td></td>
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</tbody>
</table>
Sash

### Vintage Weatherstrip

**Weatherstrip (Pair) (1966 - 1996)**  Ref. No. 3  page 9

**Note:**
This weatherstrip replaces all previous vintages of “kerf style” weatherstrip for the years shown above. Weatherstrip is pressure fit; no adhesive is required. Replace all four pieces (two rails, two stiles) on each sash.

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>White</th>
<th>Gray</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR1</td>
<td>14 31/32</td>
<td>1362306</td>
<td>1461206</td>
</tr>
<tr>
<td>AN1</td>
<td>18 15/32</td>
<td>1362312</td>
<td>1461212</td>
</tr>
<tr>
<td>A2</td>
<td>21 11/16</td>
<td>1362406</td>
<td>1461306</td>
</tr>
<tr>
<td>A1</td>
<td>22 3/32</td>
<td>1362308</td>
<td>1461208</td>
</tr>
<tr>
<td>A25</td>
<td>25 15/32</td>
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<td>AW1</td>
<td>26 11/32</td>
<td>1362310</td>
<td>1461210</td>
</tr>
<tr>
<td>A28</td>
<td>29 1/16</td>
<td>By description</td>
<td>By description</td>
</tr>
<tr>
<td>AX</td>
<td>29 15/32</td>
<td>1362313</td>
<td>1461213</td>
</tr>
<tr>
<td>AXW1/AP30</td>
<td>33 39/32</td>
<td>1526112</td>
<td>2108008</td>
</tr>
<tr>
<td>A35</td>
<td>38 23/32</td>
<td>1526110</td>
<td>2108006</td>
</tr>
<tr>
<td>AP2</td>
<td>45 31/32</td>
<td>1526114</td>
<td>2108010</td>
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</tbody>
</table>

### Weatherstrip (Pair) (1966 - 1996)  Ref. No. 5  page 9

**Note:**
This weatherstrip replaces all previous vintages of “kerf style” weatherstrip for the years shown above. Weatherstrip is pressure fit; no adhesive is required. Replacement piece is notched on each side. Replace all four pieces (two rails, two stiles) on each sash.

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>White</th>
<th>Gray</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2</td>
<td>21 21/32</td>
<td>1362406</td>
<td>1461306</td>
</tr>
<tr>
<td>A25</td>
<td>25 29/32</td>
<td>1362407</td>
<td>1461307</td>
</tr>
<tr>
<td>A3</td>
<td>33 1/2</td>
<td>1362408</td>
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</tr>
<tr>
<td>A35</td>
<td>38 3/16</td>
<td>1362410</td>
<td>1461312</td>
</tr>
<tr>
<td>A4</td>
<td>45 9/16</td>
<td>1362412</td>
<td>1461316</td>
</tr>
<tr>
<td>A45</td>
<td>50 3/8</td>
<td>1362413</td>
<td>1461318</td>
</tr>
<tr>
<td>A5</td>
<td>57 7/16</td>
<td>1362414</td>
<td>1461320</td>
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<tr>
<td>A55</td>
<td>62 7/8</td>
<td>1362415</td>
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<td>A6</td>
<td>69 7/16</td>
<td>1362416</td>
<td>1461324</td>
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</table>

### Weatherstrip - Waterbar  Ref. No. 11  page 9

**Note:**
Waterbar is adhered with vinyl-to-vinyl adhesive, which is sold separately.

<table>
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<th>Unit No.</th>
<th>Dimensions</th>
<th>White</th>
<th>Gray</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2</td>
<td>22 1/2</td>
<td>1526306</td>
<td>2110002</td>
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<tr>
<td>A25</td>
<td>26 3/4</td>
<td>1526307</td>
<td>2110003</td>
</tr>
<tr>
<td>A28</td>
<td>29 9/16</td>
<td>By description</td>
<td>By description</td>
</tr>
<tr>
<td>A3</td>
<td>34 5/16</td>
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<td>39 11/16</td>
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<td>2110006</td>
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<td>A4/AP2</td>
<td>46 3/8</td>
<td>1526310</td>
<td>2110008</td>
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<td>A45</td>
<td>51 7/16</td>
<td>1526316</td>
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<td>58 1/4</td>
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<td>A55</td>
<td>63 3/16</td>
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<td>70 1/4</td>
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<td>2110020</td>
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</table>

16 - Perma-Shield® Awning Windows (1966 to 1996)
### Adhesive - Vinyl-to-Vinyl

<table>
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<th>Size</th>
<th>Clear</th>
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<tbody>
<tr>
<td>2 ounce</td>
<td>1357007</td>
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<tr>
<td>1 pint</td>
<td>1357012</td>
</tr>
</tbody>
</table>

### Weatherstrip - Black Foam

| Order No. | 2962027 |

### Weatherstrip - Bulb (1978 to 1983)

**Note:**
The weatherstrip pictured below is no longer available. Use current weatherstrip as replacement. When replacing these earlier vintage “kerf style” weatherstrip pieces with the current weatherstrip, replace all four pieces. Pressure fit, not adhesive required.

<table>
<thead>
<tr>
<th>Rail 1978</th>
<th>Stile 1979 to 1983</th>
</tr>
</thead>
</table>

| Order No. | N/A |

### Weatherstrip - Bulb / Glue On (1989 to Present)

**Note:**
Used as replacement for Leaf-type glue on weatherstrip that is no longer available. Use vinyl-to-vinyl adhesive (see page 17) to adhere glue-on weatherstrip.

<table>
<thead>
<tr>
<th>Length</th>
<th>White</th>
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</thead>
<tbody>
<tr>
<td>72</td>
<td>1362222</td>
</tr>
</tbody>
</table>

### Weatherstrip - Bulb / Glue On / Leaf Type (1967 to 1977)

**Note:**
This weatherstrip is no longer available. Use the 1989 glue on weatherstrip shown above as replacement. Replace all four pieces; vintages cannot be interchanged.

| Order No. | N/A |

Sash

Glazing Bead Conversion Chart

Glazing Bead Conversion Chart

Note:
Perma-Shield® Awning Windows use Perma-Shield® Casement vinyl glazing beads. Use the following conversion chart to select the correct bead for your window.

Standard Windows / Venting & Stationary / Single Sash

Note:
Use link to see product sizes “Unit Size Chart - Standard Windows” on page 4

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Stile</th>
<th>Rail</th>
<th>Unit No.</th>
<th>Stile</th>
<th>Rail</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR21</td>
<td>CR1</td>
<td>C2</td>
<td>A21</td>
<td>C1</td>
<td>C2</td>
</tr>
<tr>
<td>AR31</td>
<td>CR1</td>
<td>C3</td>
<td>A31</td>
<td>C1</td>
<td>C3</td>
</tr>
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<td>CR1</td>
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<td>A351</td>
<td>C1</td>
<td>C35</td>
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<tr>
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<td>A41</td>
<td>C1</td>
<td>C4</td>
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<tr>
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<td>AW21</td>
<td>CW1</td>
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<td>AW31</td>
<td>CW1</td>
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<td>AW41</td>
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<td>CN1</td>
<td>C6</td>
<td>AW61</td>
<td>CW1</td>
<td>C6</td>
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</tbody>
</table>

Standard Windows / Venting Picture Windows/ Single Sash

Note:
* A335 is the only Awning unit that does not use Casement beads.

<table>
<thead>
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<th>Unit No.</th>
<th>Stile</th>
<th>Rail</th>
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<tbody>
<tr>
<td>A335</td>
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<td>C35</td>
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Standard Windows / Venting Picture Windows / Double Sash

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<th>Venting Window/Lower</th>
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<td>C3</td>
<td>CP2</td>
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<td>AP42</td>
<td>C4</td>
<td>CP2</td>
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<td>CP2</td>
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<td>C35</td>
<td>CP2</td>
</tr>
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<td>CP2</td>
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</table>
**Picture Window / Stationary**

<table>
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<th>Rail</th>
<th>Unit No.</th>
<th>Stile</th>
<th>Rail</th>
</tr>
</thead>
<tbody>
<tr>
<td>A330</td>
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<td>AP42</td>
<td>CP2</td>
<td>C4</td>
</tr>
<tr>
<td>AP335</td>
<td>A335/AX1</td>
<td>C3</td>
<td>AP452</td>
<td>C2</td>
<td>C45</td>
</tr>
<tr>
<td>AP32</td>
<td>CP2</td>
<td>C3</td>
<td>AP52</td>
<td>CP2</td>
<td>C5</td>
</tr>
<tr>
<td>AP530</td>
<td>CP30/CP303</td>
<td>C5</td>
<td>AP552</td>
<td>CP2</td>
<td>C55</td>
</tr>
<tr>
<td>AP33</td>
<td>CP3</td>
<td>C3</td>
<td>AP43</td>
<td>CP3</td>
<td>C4</td>
</tr>
<tr>
<td>AP3535</td>
<td>CN2</td>
<td>C35</td>
<td>AP550</td>
<td>CP50</td>
<td>C5</td>
</tr>
<tr>
<td>AP352</td>
<td>CP2</td>
<td>C35</td>
<td>AP53</td>
<td>CP3</td>
<td>C5</td>
</tr>
<tr>
<td>AP353</td>
<td>CP3</td>
<td>C35</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:**
Use link to see product sizes “Unit Size Chart - Picture Windows” on page 5

**Do not confuse AP43 with CP26. AP43 uses same bead as CP34. Before ordering bead, measure unit to determine correct window was installed as AP43.**

---

**Picture Windows / Venting / Single Sash**

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Stile</th>
<th>Rail</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP32V</td>
<td>C3</td>
<td>CP2</td>
</tr>
<tr>
<td>AP352V</td>
<td>C35</td>
<td>CP2</td>
</tr>
<tr>
<td>AP42V</td>
<td>C4</td>
<td>CP2</td>
</tr>
</tbody>
</table>

---

**Picture Windows / Venting / Double Sash**

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Venting Window/Upper</th>
<th>Venting Window/Lower</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Stile</td>
<td>Rail</td>
</tr>
<tr>
<td>AP321</td>
<td>C3</td>
<td>CP2</td>
</tr>
<tr>
<td>AP3521</td>
<td>C35</td>
<td>CP2</td>
</tr>
<tr>
<td>AP421</td>
<td>C4</td>
<td>CP2</td>
</tr>
</tbody>
</table>
### Glazing Beads - Vinyl

**Note:**
Bead size is stamped or ink-jet printed on the back of each bead.
Color matched silicone can be used as a replacement for glazing bead not available. One 10 ounce tube per 3’ x 3’ sash (2 rails, 2 stiles). Tool to desired finish appearance.

<table>
<thead>
<tr>
<th>Silicone Sealant</th>
<th>Color</th>
<th>Size</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>White</td>
<td>10.3 fluid oz.</td>
<td>2903021</td>
</tr>
<tr>
<td></td>
<td>Sandtone</td>
<td>10.3 fluid oz.</td>
<td>2903023</td>
</tr>
<tr>
<td></td>
<td>Terratone®</td>
<td>10.3 fluid oz.</td>
<td>2903022</td>
</tr>
<tr>
<td></td>
<td>Forest Green</td>
<td>10.14 fluid oz.</td>
<td>9064527</td>
</tr>
<tr>
<td></td>
<td>Canvas</td>
<td>10.3 fluid oz.</td>
<td>4230225</td>
</tr>
</tbody>
</table>

### Glazing Bead - 5/8” HP / Stile (1983 to 2003)

**Note:**
These glazing beads are no longer available. To replace, order Improved/EZ Casement vintage glazing beads (March 2004 to Present) and replace all four beads, not just the failed bead (the profiles are different).

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR1</td>
<td>13 17/32</td>
</tr>
<tr>
<td>CN1</td>
<td>17 1/32</td>
</tr>
<tr>
<td>C1</td>
<td>20 21/32</td>
</tr>
<tr>
<td>CW1</td>
<td>24 29/32</td>
</tr>
<tr>
<td>CP2</td>
<td>44 37/64</td>
</tr>
<tr>
<td>CP3</td>
<td>68 29/64</td>
</tr>
<tr>
<td>CP30</td>
<td>32 1/2</td>
</tr>
<tr>
<td>CP50</td>
<td>56 29/64</td>
</tr>
</tbody>
</table>

### Glazing Bead - 5/8” HP / Rail (1983 to 2003)

**Note:**
These glazing beads are no longer available. To replace, order Improved/EZ Casement vintage glazing beads (March 2004 to Present) and replace all four beads, not just the failed bead (the profiles are different).

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>C2</td>
<td>20 5/16</td>
</tr>
<tr>
<td>C3</td>
<td>32 1/8</td>
</tr>
<tr>
<td>C35</td>
<td>37</td>
</tr>
<tr>
<td>C4</td>
<td>44 3/16</td>
</tr>
<tr>
<td>C45</td>
<td>49</td>
</tr>
<tr>
<td>C5</td>
<td>56 1/6</td>
</tr>
<tr>
<td>C55</td>
<td>61</td>
</tr>
<tr>
<td>C6</td>
<td>68 3/32</td>
</tr>
<tr>
<td>A335</td>
<td>37 9/32</td>
</tr>
</tbody>
</table>
### Glazing Bead - 825 Picture / Rail and Stile

**Note:**
From 1991 to 1996, 825 picture glazing beads had no VHB tape. After 1996, beads have VHB tape. If replacing beads without VHB tape with beads with VHB tape, all four sides must be replaced. If N/A, order longer length bead and size to fit.

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>White</th>
<th>Terratone®</th>
<th>Sandtone</th>
</tr>
</thead>
<tbody>
<tr>
<td>C3/A3</td>
<td>32 (\frac{13}{32})</td>
<td>1351110</td>
<td>1470210</td>
<td>0611710</td>
</tr>
<tr>
<td>C35/A35</td>
<td>37 (\frac{9}{32})</td>
<td>1351112</td>
<td>1470212</td>
<td>0611712</td>
</tr>
<tr>
<td>C4/A4</td>
<td>44 (\frac{15}{32})</td>
<td>1351114</td>
<td>1470214</td>
<td>0611714</td>
</tr>
<tr>
<td>C45/A45</td>
<td>49 (\frac{9}{32})</td>
<td>8021601</td>
<td>8021602</td>
<td>8021603</td>
</tr>
<tr>
<td>C5/A5</td>
<td>56 (\frac{11}{32})</td>
<td>1351116</td>
<td>1470216</td>
<td>0611718</td>
</tr>
<tr>
<td>C55/A55</td>
<td>61 (\frac{9}{32})</td>
<td>8021604</td>
<td>8021605</td>
<td>8021606</td>
</tr>
<tr>
<td>C6/A6</td>
<td>68 (\frac{11}{32})</td>
<td>1351118</td>
<td>1470218</td>
<td>0611722</td>
</tr>
<tr>
<td>CP2/AP2</td>
<td>44 (\frac{29}{32})</td>
<td>1351114</td>
<td>1470204</td>
<td>0611704</td>
</tr>
<tr>
<td>CP3/AP3</td>
<td>68 (\frac{25}{32})</td>
<td>1351108</td>
<td>1470208</td>
<td>0611708</td>
</tr>
<tr>
<td>CP30/AP30</td>
<td>32 (\frac{27}{32})</td>
<td>1351102</td>
<td>1470202</td>
<td>N/A</td>
</tr>
<tr>
<td>CP50/AP50</td>
<td>56 (\frac{25}{32})</td>
<td>1351106</td>
<td>1470206</td>
<td>0611706</td>
</tr>
</tbody>
</table>

### Glazing Bead - 1” / Stile (1981 to 1991)

**Note:**
Used on tri-pane and picture sash prior to 1991. Adhesive (part # 2957804) can be used to help secure if necessary.

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>White</th>
<th>Terratone®</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR1</td>
<td>13 (\frac{17}{32})</td>
<td>1350902</td>
<td>1471302</td>
</tr>
<tr>
<td>CN1</td>
<td>17 (\frac{1}{32})</td>
<td>1350904</td>
<td>1471304</td>
</tr>
<tr>
<td>C1</td>
<td>20 (\frac{21}{32})</td>
<td>1350906</td>
<td>1471306</td>
</tr>
<tr>
<td>CW1</td>
<td>24 (\frac{29}{32})</td>
<td>1350908</td>
<td>1471308</td>
</tr>
<tr>
<td>CP2 Rail</td>
<td>44 (\frac{29}{32})</td>
<td>1350912</td>
<td>1471312</td>
</tr>
<tr>
<td>CP3 Rail</td>
<td>68 (\frac{25}{32})</td>
<td>1350914</td>
<td>1471314</td>
</tr>
<tr>
<td>CP30 Rail</td>
<td>32 (\frac{27}{32})</td>
<td>1350910</td>
<td>1471310</td>
</tr>
<tr>
<td>CP50 Rail</td>
<td>56 (\frac{25}{32})</td>
<td>1350913</td>
<td>1471313</td>
</tr>
</tbody>
</table>

### Glazing Bead - 1” / Rail (1981 to 1991)

**Note:**
Used on tri-pane and picture sash prior to 1991. Adhesive (part # 2957804) can be used to help secure if necessary.

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>White</th>
<th>Terratone®</th>
</tr>
</thead>
<tbody>
<tr>
<td>C2</td>
<td>20 (\frac{43}{64})</td>
<td>1350938</td>
<td>1471338</td>
</tr>
<tr>
<td>C3</td>
<td>32 (\frac{31}{64})</td>
<td>1350916</td>
<td>1471316</td>
</tr>
<tr>
<td>C35</td>
<td>37 (\frac{23}{64})</td>
<td>1350918</td>
<td>1471318</td>
</tr>
<tr>
<td>C4</td>
<td>44 (\frac{35}{64})</td>
<td>1350920</td>
<td>1471320</td>
</tr>
<tr>
<td>C5</td>
<td>57 (\frac{27}{64})</td>
<td>1350922</td>
<td>1471322</td>
</tr>
<tr>
<td>C6</td>
<td>68 (\frac{27}{64})</td>
<td>1350924</td>
<td>1471324</td>
</tr>
<tr>
<td>A335</td>
<td>37 (\frac{9}{32})</td>
<td>8051401</td>
<td>8051402</td>
</tr>
</tbody>
</table>
## Sash

### Glazing Bead - 3/8” Welded / Dual Pane XI / Stile (1974 to 1990)

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>White</th>
<th>Terratone®</th>
</tr>
</thead>
<tbody>
<tr>
<td>C2</td>
<td>20 5/16</td>
<td>1350619</td>
<td>1471017</td>
</tr>
<tr>
<td>C3</td>
<td>32 3/8</td>
<td>1350620</td>
<td>1471018</td>
</tr>
<tr>
<td>C35</td>
<td>37</td>
<td>1350622</td>
<td>1471020</td>
</tr>
<tr>
<td>C4</td>
<td>44 5/16</td>
<td>1350624</td>
<td>1471022</td>
</tr>
<tr>
<td>C5</td>
<td>56 3/16</td>
<td>1350626</td>
<td>1471024</td>
</tr>
<tr>
<td>A335</td>
<td>37 5/32</td>
<td>N/A</td>
<td>2124008</td>
</tr>
</tbody>
</table>

### Glazing Bead - 3/8” Welded / Dual Pane XI / Rail (1974 to 1990)

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>White</th>
<th>Terratone®</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR1</td>
<td>13 17/32</td>
<td>1350606</td>
<td>1470906</td>
</tr>
<tr>
<td>CN1</td>
<td>17 1/32</td>
<td>1350608</td>
<td>1470908</td>
</tr>
<tr>
<td>C1</td>
<td>20 27/32</td>
<td>1350610</td>
<td>1470910</td>
</tr>
<tr>
<td>CW1</td>
<td>24 29/32</td>
<td>1350618</td>
<td>1470916</td>
</tr>
<tr>
<td>CP2</td>
<td>44 37/64</td>
<td>1350612</td>
<td>1470912</td>
</tr>
<tr>
<td>CP30</td>
<td>32 1/2</td>
<td>1350616</td>
<td>1470914</td>
</tr>
</tbody>
</table>

### Glazing Bead - 7/16” DS Weld / Stile (1974 to 1982)

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>White</th>
<th>Terratone®</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1</td>
<td>20 27/32</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>CP2</td>
<td>44 37/64</td>
<td>1350706</td>
<td>N/A</td>
</tr>
<tr>
<td>CP3</td>
<td>68 30/64</td>
<td>1350708</td>
<td>N/A</td>
</tr>
<tr>
<td>CP30/303</td>
<td>32 1/2</td>
<td>1350704</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Glazing Bead - 7/16” DS Weld / Rail (1974 to 1982)

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>White</th>
<th>Terratone®</th>
</tr>
</thead>
<tbody>
<tr>
<td>C3</td>
<td>32 3/8</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>C35</td>
<td>37</td>
<td>1350718</td>
<td>N/A</td>
</tr>
<tr>
<td>C4</td>
<td>44 37/64</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>C5</td>
<td>56 3/16</td>
<td>1350722</td>
<td>N/A</td>
</tr>
<tr>
<td>C6</td>
<td>68 3/32</td>
<td>1350712</td>
<td>N/A</td>
</tr>
</tbody>
</table>
## Perma-Shield® Awning Windows (1966 to 1996)

### Standard and Picture Windows

### Sash

#### Glazing Bead - 9/16” Organic / Stile (1972 to 1981)

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>White</th>
<th>Terratone®</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR1</td>
<td>13 17/32</td>
<td>N/A</td>
<td>1470006</td>
</tr>
<tr>
<td>CN1</td>
<td>17 1/32</td>
<td>N/A</td>
<td>1470008</td>
</tr>
<tr>
<td>C1</td>
<td>20 21/32</td>
<td>N/A</td>
<td>1470010</td>
</tr>
<tr>
<td>CW1</td>
<td>24 20/32</td>
<td>N/A</td>
<td>1470016</td>
</tr>
<tr>
<td>CP2</td>
<td>44 37/64</td>
<td>N/A</td>
<td>1470012</td>
</tr>
<tr>
<td>CP3</td>
<td>68 20/64</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>CP30/303</td>
<td>32 1/2</td>
<td>N/A</td>
<td>1470014</td>
</tr>
<tr>
<td>CP50</td>
<td>56 20/64</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### Glazing Bead - 9/16” Organic / Rail (1972 to 1981)

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>White</th>
<th>Terratone®</th>
</tr>
</thead>
<tbody>
<tr>
<td>C3</td>
<td>32 1/8</td>
<td>N/A</td>
<td>1470116</td>
</tr>
<tr>
<td>C35</td>
<td>37</td>
<td>N/A</td>
<td>1470118</td>
</tr>
<tr>
<td>C4</td>
<td>44 3/16</td>
<td>N/A</td>
<td>1470120</td>
</tr>
<tr>
<td>C5</td>
<td>56 1/16</td>
<td>N/A</td>
<td>1470122</td>
</tr>
<tr>
<td>C6</td>
<td>68 3/32</td>
<td>N/A</td>
<td>1470124</td>
</tr>
<tr>
<td>A335</td>
<td>37 9/32</td>
<td>N/A</td>
<td>2123008</td>
</tr>
</tbody>
</table>
Insect Screens

**Insect Screens - TruScene™ Screens**

<table>
<thead>
<tr>
<th>Insect Screen - TruScene™ Screen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note:</td>
</tr>
<tr>
<td>TruScene™ insect screens are available in Stone and White. Natural Wood finish is not an option for PSA vintage units. See TruScene screens in the Perma-Shield® Improved/E-Z Awning Windows (1999 to Present) section for order information. These TruScene screens have 3 wing blades. Screens with PSA vintage wing blade location can be ordered by description in 1/8” increments.</td>
</tr>
</tbody>
</table>

**Insect Screen - Standard**

<table>
<thead>
<tr>
<th>Insect Screen - Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note:</td>
</tr>
<tr>
<td>*The A335c screen has three latches, one on the head and one on each side. **The A335b screen has two latches, one on each side.</td>
</tr>
</tbody>
</table>

### Insect Screen

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions (w x h)</th>
<th>Stone</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR2</td>
<td>20 5/32 x 13 1/32</td>
<td>1505442</td>
<td>1506030</td>
</tr>
<tr>
<td>AR3</td>
<td>31 31/32 x 13 1/32</td>
<td>1505448</td>
<td>1506032</td>
</tr>
<tr>
<td>AR35</td>
<td>36 27/32 x 13 1/32</td>
<td>1505450</td>
<td>1506034</td>
</tr>
<tr>
<td>AR4</td>
<td>44 x 13 1/32</td>
<td>1505454</td>
<td>1506036</td>
</tr>
<tr>
<td>AR45</td>
<td>48 27/32 x 13 1/32</td>
<td>1505465</td>
<td>1506037</td>
</tr>
<tr>
<td>AR5</td>
<td>55 29/32 x 13 1/32</td>
<td>1505462</td>
<td>1506038</td>
</tr>
<tr>
<td>AR55</td>
<td>67 29/32 x 13 1/32</td>
<td>1505481</td>
<td>1505489</td>
</tr>
<tr>
<td>AR6</td>
<td>67 29/32 x 13 1/32</td>
<td>1505481</td>
<td>1505489</td>
</tr>
<tr>
<td>AN2</td>
<td>20 3/32 x 16 17/32</td>
<td>1505444</td>
<td>1506040</td>
</tr>
<tr>
<td>AN3</td>
<td>31 31/32 x 16 17/32</td>
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<td>1505423</td>
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</tr>
<tr>
<td>AN45</td>
<td>48 27/32 x 16 17/32</td>
<td>1505466</td>
<td>1506048</td>
</tr>
<tr>
<td>AN5</td>
<td>55 29/32 x 16 17/32</td>
<td>1505464</td>
<td>1506050</td>
</tr>
<tr>
<td>AN55</td>
<td>60 27/32 x 16 17/32</td>
<td>1505482</td>
<td>1505490</td>
</tr>
<tr>
<td>AN6</td>
<td>67 29/32 x 16 17/32</td>
<td>1505483</td>
<td>1505491</td>
</tr>
</tbody>
</table>
### Insect Screens

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions (w x h)</th>
<th>Stone</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2</td>
<td>20 $\frac{5}{32} \times 20 \frac{5}{32}$</td>
<td>1505410</td>
<td>1506012</td>
</tr>
<tr>
<td>A3</td>
<td>31 $\frac{31}{32} \times 20 \frac{5}{32}$</td>
<td>1505420</td>
<td>1506020</td>
</tr>
<tr>
<td>A330</td>
<td>31 $\frac{31}{32} \times 31 \frac{31}{32}$</td>
<td>1505427</td>
<td>1506014</td>
</tr>
<tr>
<td>A335c*</td>
<td>31 $\frac{31}{32} \times 36 \frac{21}{32}$</td>
<td>1505357</td>
<td>1505388</td>
</tr>
<tr>
<td>A335b**</td>
<td>31 $\frac{31}{32} \times 36 \frac{20}{32}$</td>
<td>1505426</td>
<td>1506017</td>
</tr>
<tr>
<td>A35</td>
<td>36 $\frac{25}{32} \times 20 \frac{5}{32}$</td>
<td>1505422</td>
<td>1506022</td>
</tr>
<tr>
<td>A3535</td>
<td>36 $\frac{27}{32} \times 36 \frac{26}{32}$</td>
<td>1505429</td>
<td>1506018</td>
</tr>
<tr>
<td>A4</td>
<td>44 $\times 20 \frac{5}{32}$</td>
<td>1505424</td>
<td>1506024</td>
</tr>
<tr>
<td>A45</td>
<td>48 $\frac{27}{32} \times 20 \frac{5}{32}$</td>
<td>1505458</td>
<td>1506026</td>
</tr>
<tr>
<td>A5</td>
<td>55 $\frac{29}{32} \times 20 \frac{5}{32}$</td>
<td>1505466</td>
<td>1506028</td>
</tr>
<tr>
<td>A55</td>
<td>60 $\frac{27}{32} \times 20 \frac{5}{32}$</td>
<td>1505484</td>
<td>1505492</td>
</tr>
<tr>
<td>A6</td>
<td>67 $\frac{29}{32} \times 20 \frac{5}{32}$</td>
<td>1505485</td>
<td>1505493</td>
</tr>
<tr>
<td>AW2</td>
<td>20 $\frac{5}{32} \times 24 \frac{13}{32}$</td>
<td>1505446</td>
<td>1506052</td>
</tr>
<tr>
<td>AW3</td>
<td>31 $\frac{31}{32} \times 24 \frac{13}{32}$</td>
<td>1505418</td>
<td>1506054</td>
</tr>
<tr>
<td>AW35</td>
<td>36 $\frac{27}{32} \times 24 \frac{13}{32}$</td>
<td>1505452</td>
<td>1506056</td>
</tr>
<tr>
<td>AW4</td>
<td>44 $\times 24 \frac{13}{32}$</td>
<td>1505425</td>
<td>1506058</td>
</tr>
<tr>
<td>AW45</td>
<td>48 $\frac{27}{32} \times 24 \frac{13}{32}$</td>
<td>1505460</td>
<td>1506060</td>
</tr>
<tr>
<td>AW5</td>
<td>55 $\frac{29}{32} \times 24 \frac{13}{32}$</td>
<td>1505468</td>
<td>1506062</td>
</tr>
<tr>
<td>AW55</td>
<td>60 $\frac{27}{32} \times 24 \frac{13}{32}$</td>
<td>1505486</td>
<td>1505494</td>
</tr>
<tr>
<td>AW6</td>
<td>67 $\frac{29}{32} \times 24 \frac{13}{32}$</td>
<td>1505487</td>
<td>1505495</td>
</tr>
<tr>
<td>AP32</td>
<td>31 $\frac{31}{32} \times 44$</td>
<td>1505434</td>
<td>1506072</td>
</tr>
<tr>
<td>AP352</td>
<td>36 $\frac{27}{32} \times 44$</td>
<td>1505438</td>
<td>1506074</td>
</tr>
<tr>
<td>AP42</td>
<td>44 $\times 44$</td>
<td>1505440</td>
<td>1506076</td>
</tr>
<tr>
<td>AP530</td>
<td>55 $\frac{29}{32} \times 31 \frac{31}{32}$</td>
<td>1505430</td>
<td>1506070</td>
</tr>
</tbody>
</table>
Insect Screens

### Insect Screen Parts

#### Insect Screen Warning Label

<table>
<thead>
<tr>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Insect Screen Warning Label" /></td>
<td>1345005</td>
</tr>
</tbody>
</table>

**Note:** Replace with complete screen assembly.

#### Insect Screen Strike

<table>
<thead>
<tr>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Insect Screen Strike" /></td>
<td>0532902</td>
</tr>
</tbody>
</table>

#### Insect Screen Wing Blade Lock with Housing (Pair)

<table>
<thead>
<tr>
<th>Description</th>
<th>Stone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-A-15516</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Note:** Replace with complete screen assembly.
Perma-Shield® Awning Windows (1966 to 1996)

Standard and Picture Windows

Grilles

### Interior Grilles - Picture Window / Colonial / 3/4” Wood

Note:
See Accessory Guide 0005285. Grilles ship with fasteners. See additional grilles in current Improved Awning section. Wood grilles replace all vintage grille types (tycote/vinyl).

#### Interior Grille - Standard Window / Colonial / 3/4” / Natural Wood Interior

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions (w x h)</th>
<th>Exterior</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>White</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prefinished Interior</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions (w x h)</th>
<th>Exterior</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>White</td>
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<tr>
<td></td>
<td></td>
<td>Prefinished Interior</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions (w x h)</th>
<th>Exterior</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>White</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prefinished Interior</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
</tr>
</tbody>
</table>

### Interior Grille - Standard Window / Colonial / 3/4” / Prefinished Wood Interior

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions (w x h)</th>
<th>Exterior</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>White</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prefinished Interior</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions (w x h)</th>
<th>Exterior</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>White</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prefinished Interior</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions (w x h)</th>
<th>Exterior</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>White</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prefinished Interior</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White</td>
</tr>
</tbody>
</table>
## Grilles

### Interior Grille Parts

<table>
<thead>
<tr>
<th>Interior Grille Fastener - Wood / Standard</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Grille Fastener" /></td>
<td>1974314</td>
</tr>
<tr>
<td><strong>Note:</strong> For standard pattern and non-standard pattern “P” units. Also used on products with a wood stop next to glass.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interior Grille Fastener - Wood / Non-Standard</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image2.png" alt="Grille Fastener" /></td>
<td>1974312</td>
</tr>
<tr>
<td><strong>Note:</strong> For non-standard pattern grilles for venting and “CP” stationary units. Also used on products with a vinyl lip next to glass.</td>
<td></td>
</tr>
</tbody>
</table>

### Fastener - Grille

<table>
<thead>
<tr>
<th>Color</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>1974310</td>
</tr>
<tr>
<td>Terratone®</td>
<td>2601210</td>
</tr>
<tr>
<td>Sandtone</td>
<td>8154120</td>
</tr>
</tbody>
</table>

### Interior Grille Fastener - Wood / Plunger

<table>
<thead>
<tr>
<th>Interior Grille Fastener - Wood / Plunger</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3.png" alt="Fastener" /></td>
<td>1344401</td>
</tr>
<tr>
<td><strong>Note:</strong> For standard pattern grilles for venting and stationary units, excluding CP and P units</td>
<td></td>
</tr>
</tbody>
</table>

### Grille Installation Tool

<table>
<thead>
<tr>
<th>Grille Installation Tool</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image4.png" alt="Installation Tool" /></td>
<td>9019326</td>
</tr>
</tbody>
</table>
Perma-Shield® Awning Windows (1966 to 1996)
Standard and Picture Windows

Hardware


Manufactured October 1981 to 1996
Perma-Shield® Awning Amerock Roto-Lock Operator
## Hardware


<table>
<thead>
<tr>
<th>Note:</th>
<th>Unit No.</th>
<th>Stone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operator arm 11” in length. Shown as short arm. Order part number is stamped on operator arm.</td>
<td>AR 31/351</td>
<td>1521604</td>
</tr>
<tr>
<td>Includes:</td>
<td>AN 31/351</td>
<td>A 31/351</td>
</tr>
<tr>
<td>Rods / Brackets / Screws</td>
<td>AX(AW) 31/351</td>
<td>A330</td>
</tr>
<tr>
<td></td>
<td>A3535</td>
<td>A32</td>
</tr>
<tr>
<td></td>
<td>AP 321/3521</td>
<td></td>
</tr>
</tbody>
</table>

### Operator - Amerock / Roto-Lock / A4-7082

<table>
<thead>
<tr>
<th>Note:</th>
<th>Unit No.</th>
<th>Stone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operator arm 15” in length. Shown as long arm. Order part number is stamped on operator arm.</td>
<td>AR 41/451/5</td>
<td>1521606</td>
</tr>
<tr>
<td>Includes:</td>
<td>AN 41/451/5</td>
<td>A 41/451/5</td>
</tr>
<tr>
<td>Rods / Brackets / Screws</td>
<td>AX(AW) 41/451/5</td>
<td>A42</td>
</tr>
<tr>
<td></td>
<td>AP530</td>
<td>AP421</td>
</tr>
</tbody>
</table>

### Handle Ref. No. 3 page 29

<table>
<thead>
<tr>
<th>Note:</th>
<th>Unit No.</th>
<th>Stone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ships with set screw.</td>
<td>7191</td>
<td>0532408</td>
</tr>
</tbody>
</table>

### Bracket - Hardware Package Ref. No. 4 page 29

<table>
<thead>
<tr>
<th>Includes:</th>
<th>Unit No.</th>
<th>Stone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brackets / Screws</td>
<td>Order No.</td>
<td>1521708</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Rod - 31” / Short-Collared Ref. No. 5 page 29

<table>
<thead>
<tr>
<th>Order No.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8053301</td>
</tr>
</tbody>
</table>

### Rod - 39” / Long-Collared Ref. No. 5 page 29

<table>
<thead>
<tr>
<th>Order No.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8053302</td>
</tr>
</tbody>
</table>

### Hinge Set with Screws Ref. No. 6 page 29

<table>
<thead>
<tr>
<th>Note:</th>
<th>Unit No.</th>
<th>Stainless Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>For replacement, use current Improved Casement head hinges, part number 1361462 and 1361463, also shown on page 41. See Service Guide 0005332.</td>
<td>AN1</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Hinge Set with Screws Ref. No. 7 page 29

<table>
<thead>
<tr>
<th>Note:</th>
<th>Unit No.</th>
<th>Stainless Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>For replacement, use current Improved Casement head hinges, part number 1361462 and 1361463, also shown on page 41. See Service Guide 0005332.</td>
<td>A1</td>
<td>N/A</td>
</tr>
</tbody>
</table>
## Hardware

### Replacement Shoe Kit

<table>
<thead>
<tr>
<th>Kit includes:</th>
<th>Stone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shoe, rivet, lock washer and bolt</td>
<td>1521610</td>
</tr>
</tbody>
</table>

### Screw - Handle Set

<table>
<thead>
<tr>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>9066668</td>
</tr>
</tbody>
</table>

### Screw - Handle Set (1966 to 1990)

<table>
<thead>
<tr>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1351348</td>
</tr>
</tbody>
</table>

### Screw - Hinge

<table>
<thead>
<tr>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#7 x 5/8”</td>
<td>1361937</td>
</tr>
</tbody>
</table>

### Screw - Operator

<table>
<thead>
<tr>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8 x 1 3/8”</td>
<td>By description</td>
</tr>
</tbody>
</table>

### Screw - Rod Bracket

<table>
<thead>
<tr>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8 x 5/8”</td>
<td>By description</td>
</tr>
</tbody>
</table>

### Screw - Stopper

<table>
<thead>
<tr>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8 x 5/8”</td>
<td>By description</td>
</tr>
</tbody>
</table>

Manufactured - October 1981 to 1996

Perma-Shield® Awning Amerock PSA A21 Operator
Perma-Shield® Awning Windows (1966 to 1996)

**Hardware**

### Operator - Amerock / A21 / A2-7184  (1981 to 1996) Ref. No. 1 page 32

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Stone</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR21</td>
<td>1521608</td>
</tr>
<tr>
<td>AN21</td>
<td></td>
</tr>
<tr>
<td>A21</td>
<td></td>
</tr>
<tr>
<td>AW21</td>
<td></td>
</tr>
</tbody>
</table>

**Note:**
See [Service Guide 0005513](#). Includes brackets and screws.

### Handle - 7191 Ref. No. 2 page 32

**Note:**
Ships with [set screw](#).

### Bracket - Hardware Package Ref. No. 3 page 32

**Note:**
Includes 2 brackets and 2 screws, #8 x 5/8” TR.HD.

### Hinge Set with Screws - AN1 Ref. No. 4 page 32

**Note:**
For replacement, use current Improved Casement head hinges, part number 1361462 and 1361463, also shown on page 41. See [Service Guide 0005332](#).

### Screw - Handle Set  (1966 to 1990)

<table>
<thead>
<tr>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1351348</td>
</tr>
<tr>
<td>9066668</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screw - Hinge</th>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#7 x 5/8”</td>
<td></td>
<td>1361937</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screw - Operator</th>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8 x 1 3/8”</td>
<td></td>
<td>By description</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screw - Rod Bracket</th>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8 x 5/8”</td>
<td></td>
<td>By description</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screw - Stopper</th>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8 x 5/8”</td>
<td></td>
<td>By description</td>
</tr>
</tbody>
</table>
**Operator - Scissors Type / 1976 Series**  
*(January 1976 to October 1981)*

Manufactured January 1976 to October 1981  
Perma-Shield® Awning 1976 Series Scissor Type Operator  

Replace with 1521608
### Perma-Shield® Awning Windows (1966 to 1996)

#### Standard and Picture Windows

#### Hardware

<table>
<thead>
<tr>
<th>Operator - Scissors Type / 1976 Series / A21- 7092D</th>
<th>Ref. No. 1 page 34</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note: The 1976 series / A21-7092D scissors type operator and sash bracket is no longer available. Replace with operator part #1521608, page 33. See Service Guide 0005513.</td>
<td></td>
</tr>
<tr>
<td>Order No.</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Operator - Scissors Type / 1976 Series / A335 - 7092C</th>
<th>Ref. No. 2 page 34</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note: The 1976 Series / A335-7092C scissors type operator and sash bracket is no longer available. Replace with operator part #1521608, page 33. See Service Guide 0005513.</td>
<td></td>
</tr>
<tr>
<td>Order No.</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Handle</th>
<th>Ref. No. 4 page 34</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note: Ships with set screw.</td>
<td></td>
</tr>
<tr>
<td>Stone</td>
<td>0532408</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hinge Set with Screws - AX31/A335 - 7092C</th>
<th>Ref. No. 6 page 34</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw Description</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>5/8” x 8 F.H.S.S.</td>
<td></td>
</tr>
<tr>
<td>Note: Replace with hinge part #1526614, page 37.</td>
<td></td>
</tr>
<tr>
<td>Order No.</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hinge Set with Screws - A21/A2 - 7092D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note: For replacement, use current Improved Casement head hinges, part number 1361462 and 1361463, also shown on page 41. See Service Guide 0005332.</td>
</tr>
<tr>
<td>Stainless Steel</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screw - Handle Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order No.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screw - Hinge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
</tr>
<tr>
<td>#7 x 5/8”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screw - Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
</tr>
<tr>
<td>#9 x 7/8”</td>
</tr>
<tr>
<td>#8 x 7/8”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screw - Rod Bracket</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
</tr>
<tr>
<td>#8 x 5/8”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screw - Stopper</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
</tr>
<tr>
<td>#8 x 5/8”</td>
</tr>
</tbody>
</table>
Operator - Scissors Type / 1975 Series  (January 1976 to October 1981)

Manufactured January 1976 to October 1981

Perma-Shield® Awning 1975 Series Scissor Type Operator
## Perma-Shield® Awning Windows (1966 to 1996)
### Standard and Picture Windows

### Hardware

<table>
<thead>
<tr>
<th>Item</th>
<th>Ref. No.</th>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operator - Scissor Type / 1975 Series</strong> (January 1976 to October 1981)</td>
<td>page 36</td>
<td>Note: The 1975 series scissor type operator and sash bracket is no longer available. Replace with operator #1521608, page 33. See Service Guide 0005513. The electric operator cannot be used with the 1975 series scissor type operator.</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Sash Bracket</strong></td>
<td>page 36</td>
<td>Note: The 1975 series scissor type sash bracket is no longer available. Complete replacement with operator #1521608, page 33, sash rod.</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Handle with Set Screw</strong></td>
<td>page 36</td>
<td></td>
<td>Stone</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1521208</td>
</tr>
<tr>
<td><strong>Hinge Set with Screws - AX31/A335 - 7092C</strong></td>
<td>page 36</td>
<td></td>
<td>Stainless Steel</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Screw Description</strong></td>
<td>1526614</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Screw Description</strong></td>
<td>1526614</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5/8” x 7 F.H.S.S.</td>
<td>1526614</td>
</tr>
<tr>
<td><strong>Operator Cover - Lexan / No Holes</strong></td>
<td></td>
<td></td>
<td>Stone</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0532608</td>
</tr>
<tr>
<td><strong>Screw - Handle Set</strong></td>
<td></td>
<td></td>
<td>9066668</td>
</tr>
<tr>
<td><strong>Screw - Hinge</strong></td>
<td></td>
<td>Description</td>
<td>Order No.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>#7 x 5/8”</td>
<td>1361937</td>
</tr>
<tr>
<td><strong>Screw - Operator</strong></td>
<td></td>
<td>Description</td>
<td>Order No.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>#9 x 7/8”</td>
<td>1361949</td>
</tr>
<tr>
<td><strong>Screw - Rod Bracket</strong></td>
<td></td>
<td>Description</td>
<td>Order No.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>#8 x 5/8”</td>
<td>By description</td>
</tr>
<tr>
<td><strong>Screw - Stopper</strong></td>
<td></td>
<td>Description</td>
<td>Order No.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>#8 x 3/4”</td>
<td>By description</td>
</tr>
</tbody>
</table>
Hardware

Operator - Amerock (1966 to October 1981)

HANDLE IS INTERCHANGEABLE WITH CASEMENT NO. 7073 OPERATOR.

3-1 1/4" x #6

3/8" STUD ON END OF ARMS

REMOVABLE CYLINDER TYPE SHOES OF PLASTIC THAT SLIDE ON A ROD APPLIED TO SASH.

LONG ARM - 15°

SHORT ARM - 17°

NOTCH FOR PRESENT OPERATOR SHOE

NOTCH FOR FORMER OPERATOR SHOE

SET SCW.
3/16 #10-32 UNF TH.

HOUSING SHAPED TO RECEIVE STOP

7 - 5/8" x #7

18 1/2" GUIDE ROD

7/8" x 5/8" TR.HD.

Stopper Screw Phillips Head 1/4" x 7

Manufactured 1966 to October 1981

Perma-Shield® Awning Amerock Hardware
### Operator - Amerock / A3-7041 / 11”  
Ref. No. 1 [page 38]

<table>
<thead>
<tr>
<th>Operator Details</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note: For replacement use Amerock A3-7082A operator, part number 1521604.</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Operator - Amerock / A4-7041 / 15”  
Ref. No. 1 [page 38]

<table>
<thead>
<tr>
<th>Operator Details</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note: For replacement use Amerock A4-7082 operator, part number 1521606.</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Operator - Amerock / A3-7082A  
(October 1981 to 1985)

<table>
<thead>
<tr>
<th>Includes: Rod, brackets and screws</th>
<th>Unit No.</th>
<th>Stone</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR 31/351</td>
<td></td>
<td>1521604</td>
</tr>
<tr>
<td>AN 31/351</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A 31/351</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AX(AW) 31/351</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A330</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A3535</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP 321/3521</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Operator - Amerock / A4-7082  
(October 1981 to 1996)

<table>
<thead>
<tr>
<th>Includes: Rod, brackets and screws</th>
<th>Unit No.</th>
<th>Stone</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR 41/451/5</td>
<td></td>
<td>1521606</td>
</tr>
<tr>
<td>AN 41/451/5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A 41/451/5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AX(AW) 41/451/5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A42</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP530</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP421</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Handle

<table>
<thead>
<tr>
<th>Color</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver Satin</td>
<td>1361008</td>
</tr>
<tr>
<td>Stone</td>
<td>1521208</td>
</tr>
</tbody>
</table>

### Shoe - Flexible Roto Lock Operator (Pair)  
Ref. No. 3 [page 38]

| Order No. | 0338908 |

### Hinge Set with Screws  
Ref. No. 4 [page 38]

<table>
<thead>
<tr>
<th>Note: For replacement, use current Improved Casement head hinges, part number 1361462 and 1361463, also shown on [page 41]. See Service Guide 0005332.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

### Hinge Set with Screws - AN1  
Ref. No. 5 [page 38]

<table>
<thead>
<tr>
<th>Note: For replacement, use current Improved Casement head hinges, part number 1361462 and 1361463, also shown on [page 41]. See Service Guide 0005332.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

### Guide Rod  
Ref. No. 6 [page 38]

<table>
<thead>
<tr>
<th>Note: Silver finish used for items N/A.</th>
<th>Length</th>
<th>Bronze</th>
<th>Silver</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13 1/2</td>
<td>N/A</td>
<td>1587994</td>
</tr>
<tr>
<td></td>
<td>18 1/2</td>
<td>N/A</td>
<td>1587995</td>
</tr>
</tbody>
</table>
## Hardware

**Bracket - Hardware Package with Screws**

*Note:* Can be used as a replacement for the discontinued bracket shown on page 38, Ref. No. 7.

<table>
<thead>
<tr>
<th>Includes:</th>
<th>Stainless Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2) Brackets</td>
<td>1521708</td>
</tr>
<tr>
<td>(2) Screws, #8 x 5/8” TR.HD.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screw - Hinge</th>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#7 x 5/8”</td>
<td></td>
<td>1361937</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screw - Operator</th>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#6 x 1 1/4”</td>
<td></td>
<td>By description</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screw - Rod Bracket</th>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8 x 5/8”</td>
<td></td>
<td>By description</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screw - Stopper</th>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#7 x 5/8”</td>
<td></td>
<td>1361947</td>
</tr>
</tbody>
</table>
**Standard Hinges**

**Split Arm Hinge with Screws - Head** *(April 2001 to Present)*

*Note:* Awning hinge replacements use current casement split arm head hinge. Replace with both LH and RH head hinge. See [Service Guide 0005332](#).

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Standard Left</th>
<th>Standard Right</th>
<th>Corrosion Resistant Left</th>
<th>Corrosion Resistant Right</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR21-AR61</td>
<td>1361463</td>
<td>1361462</td>
<td>1361467</td>
<td>1361466</td>
</tr>
<tr>
<td>AN21-AN61</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A21-A61</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AW21-AW61</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AX25-AX61</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AXW28-AXW61</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A32 Lower</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A42 Lower</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP321 Lower</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP3521 Lower</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP421 Lower</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP32V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP352V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP42V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP321V-upper</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP3521V-upper</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP421V-upper</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Picture Window Hinges**

**Split Arm Hinge with Screws - Head**

*Note:* Venting picture window hinge replacements use current casement split arm head hinge. Replace with both LH and RH head hinge. See [Service Guide 0005332](#).

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Standard Left</th>
<th>Standard Right</th>
<th>Corrosion Resistant Left</th>
<th>Corrosion Resistant Right</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP530V</td>
<td>1361463</td>
<td>1361462</td>
<td>1361467</td>
<td>1361466</td>
</tr>
<tr>
<td>AP32V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP352V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP42V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP321V-Upper</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP3521V-Upper</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP421V-Upper</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP321 Lower</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP3521 Lower</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP421 Lower</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# Hardware

## Sash Lock and Keeper

### Sash Lock with Keeper and Screws (1981 to 1996)

**Note:**
See [Service Guide 0003004](#).

<table>
<thead>
<tr>
<th>Color</th>
<th>Left</th>
<th>Right</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stone</td>
<td>1351408</td>
<td>1351410</td>
</tr>
<tr>
<td>White</td>
<td>1351420</td>
<td>1351422</td>
</tr>
</tbody>
</table>

### Sash Lock with Keeper and Screws (1966 to 1981)

**Note:**
Use 1981 to 1996 sash lock with keeper and screws (above) for replacement.

### Sash Lock Keeper

<table>
<thead>
<tr>
<th>Color</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stone</td>
<td>1361406</td>
</tr>
<tr>
<td>White</td>
<td>1351340</td>
</tr>
</tbody>
</table>
## Corrosion Resistant Hardware Packs

**Note:**
Corrosion Resistant Hardware has “316” stamped on it. This number identifies hardness of stainless steel.

### Hardware Package - Corrosion Resistant / AN / Long Arm Hinge Pack (1966 to 1996)

<table>
<thead>
<tr>
<th>Note:</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fits AN41 and up. For replacement, use current Improved Casement head hinges, part number 1361462 and 1361463. See Service Guide 0005332.</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Package includes:**
- Qty 1 - long arm rod 39”
- Qty 2 - hinges
- Qty 3 - brackets
- Qty 2 - #7 x 5/8” with #7 thread stopper screws F.H.P.
- Qty 2 - #7 x 5/8” with #7 thread bracket screws TR.HD.P.
- Qty 14 - #7 x 5/8” with #7 thread hinge screws P.H.

### Operator - Corrosion Resistant / A21 (1981 to 1996)

<table>
<thead>
<tr>
<th>Note:</th>
<th>Includes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>This operator is no longer available. Replace with operator # 1521608.</td>
<td>Bracket and screws</td>
</tr>
</tbody>
</table>
## Electric Opener

**Note:**
Electric operator cannot be used on impact resistant units.

![Diagram of Electric Opener](image)

### Operator - Power
Ref No. 1 [page 44]

<table>
<thead>
<tr>
<th>Stone</th>
<th>1590102</th>
</tr>
</thead>
</table>

### Power Supply - Electric Opener (1985)
Ref No. 2 [page 44]

<table>
<thead>
<tr>
<th>Order No.</th>
<th>1522004</th>
</tr>
</thead>
</table>

### Rain Sensor with Cord (1985)
Ref No. 3 [page 44]

<table>
<thead>
<tr>
<th>Order No.</th>
<th>1522010</th>
</tr>
</thead>
</table>

### Safety Connector with Screws - Power Operator
Ref No. 4 [page 44]

<table>
<thead>
<tr>
<th>Stone</th>
<th>N/A</th>
</tr>
</thead>
</table>

---

44 - Perma-Shield® Awning Windows (1966 to 1996)
<table>
<thead>
<tr>
<th>Hardware</th>
<th>Order No.</th>
<th>Ref No.</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting Bracket with Screws</td>
<td></td>
<td>5</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>1522012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Command Center with Cord</td>
<td></td>
<td>6</td>
<td>44</td>
</tr>
<tr>
<td>- Electric Opener</td>
<td>1522006</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mounting Disk - Command Center</td>
<td></td>
<td>7</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>8044401</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extension Cord - Command Center</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Length</td>
<td>Order No.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 ft</td>
<td>1521916</td>
<td></td>
</tr>
<tr>
<td></td>
<td>20 ft</td>
<td>1521922</td>
<td></td>
</tr>
<tr>
<td>Extension Cord - Power</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Length</td>
<td>Order No.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 ft</td>
<td>1521902</td>
<td></td>
</tr>
<tr>
<td></td>
<td>20 ft</td>
<td>1521908</td>
<td></td>
</tr>
<tr>
<td>Gear Drive - Electric Opener</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Order No.</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Electric Operator Cord</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Length</td>
<td>Order No.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 ft</td>
<td>8264801</td>
<td></td>
</tr>
</tbody>
</table>
Operator Conversion Kits - Electric Opener

**Kit includes:**
Operator, bracket rod, screws, filler strip, and stop sill vent. Order awning mounting bracket with screws separately [page 45].

### Operator Conversion Kit - Electric Opener

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Order No.</th>
<th>Unit No.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2</td>
<td>1507092</td>
<td>A4</td>
<td>1507096</td>
</tr>
<tr>
<td>A25</td>
<td>1507093</td>
<td>A45</td>
<td>1507097</td>
</tr>
<tr>
<td>A28</td>
<td>1507083</td>
<td>A5</td>
<td>1507098</td>
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<tr>
<td>A3</td>
<td>1507094</td>
<td>A55</td>
<td>1507084</td>
</tr>
<tr>
<td>A35</td>
<td>1507095</td>
<td>A6</td>
<td>1507085</td>
</tr>
</tbody>
</table>

**Operator - Amerock / A21 / A2-7184 (1981-2013)**

**Includes:**
Brackets and screws

<table>
<thead>
<tr>
<th>Stone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1521608</td>
</tr>
</tbody>
</table>


**Includes:**
Brackets and screws

<table>
<thead>
<tr>
<th>Stone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1521604</td>
</tr>
</tbody>
</table>

**Shoe Kit (1981-2013)**

**Note:**
Used on two arm operator design. Includes shoe, rivet, lock washer and bolt

<table>
<thead>
<tr>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1521610</td>
</tr>
</tbody>
</table>
## Miscellaneous Hardware

### Handle - Easy Grip

<table>
<thead>
<tr>
<th>Color</th>
<th>Order No.</th>
</tr>
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<tbody>
<tr>
<td>Stone</td>
<td>1361378</td>
</tr>
<tr>
<td>White</td>
<td>1361377</td>
</tr>
</tbody>
</table>

### Handle - T

Note: See [Accessory Guide 0005237](#). T-Handle may not rest flush on operator stud.

<table>
<thead>
<tr>
<th>Color</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stone</td>
<td>1361487</td>
</tr>
<tr>
<td>White</td>
<td>1361488</td>
</tr>
</tbody>
</table>

### Handle - Compact Operator

<table>
<thead>
<tr>
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<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stone</td>
<td>1361804</td>
</tr>
<tr>
<td>White</td>
<td>1351334</td>
</tr>
</tbody>
</table>

### Cover - Spline

Note: Spline cover must not be used in egress situation.

<table>
<thead>
<tr>
<th>Color</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>1351336</td>
</tr>
<tr>
<td>Stone</td>
<td>1351322</td>
</tr>
</tbody>
</table>

### Screw - Handle Set

<table>
<thead>
<tr>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>9066668</td>
</tr>
</tbody>
</table>

### Retainer Clip Package - Removable Glazing Panels

Packet includes: Nylon clips (10), collar inserts (10), screws (20).

<table>
<thead>
<tr>
<th>Color</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>1345916</td>
</tr>
<tr>
<td>Terratone®</td>
<td>1445716</td>
</tr>
</tbody>
</table>
Frames

Frame Assembly

Perma-Shield® Awning Frame Assembly

- Side Jamb
- Extension Jamb
- Head Jamb
- Extension Jamb
- Head Stop
- Side Stop
- Sill Stop
- Sill
- RGP Panel
- Glazing

Note:
Frames are not available.
### Stop Chart Picture Windows

**Note:**
AP picture windows use casement side stops on the head and sill and casement head/sill stops on each side.

Use link to see product sizes “Unit Size Chart - Picture Windows” on page 5

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Head/Sill</th>
<th>Side</th>
<th>Unit No.</th>
<th>Head/Sill</th>
<th>Side</th>
</tr>
</thead>
<tbody>
<tr>
<td>A330</td>
<td>1352520</td>
<td>1351520</td>
<td>AP42</td>
<td>1352524</td>
<td>1351512</td>
</tr>
<tr>
<td>AP335</td>
<td>1352522</td>
<td>1351520</td>
<td>AP452</td>
<td>1352526</td>
<td>1351512</td>
</tr>
<tr>
<td>AP32</td>
<td>1352524</td>
<td>1351520</td>
<td>AP52</td>
<td>1352528</td>
<td>1351512</td>
</tr>
<tr>
<td>AP530</td>
<td>1352528</td>
<td>1351520</td>
<td>AP552</td>
<td>1352530</td>
<td>1351512</td>
</tr>
<tr>
<td>AP33</td>
<td>1352532</td>
<td>1351520</td>
<td>AP43</td>
<td>1352532</td>
<td>1351512</td>
</tr>
<tr>
<td>AP3535</td>
<td>1352522</td>
<td>By description</td>
<td>AP550</td>
<td>1352528</td>
<td>1351522</td>
</tr>
<tr>
<td>AP352</td>
<td>1352524</td>
<td>By description</td>
<td>AP53</td>
<td>1352532</td>
<td>1351522</td>
</tr>
<tr>
<td>AP353</td>
<td>1352532</td>
<td>By description</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Stop Chart Venting Picture Windows

**Note:**
Use link to see product sizes “Unit Size Chart - Picture Windows” on page 5

Handing determined by location as viewed from interior.

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Head</th>
<th>Sill</th>
<th>Upper Side Stop</th>
<th>Lower Side Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Left</td>
<td>Right</td>
</tr>
<tr>
<td>AP32V</td>
<td>1508008</td>
<td>1508206</td>
<td>1508620</td>
<td>1508624</td>
</tr>
<tr>
<td>AP352V</td>
<td>1508010</td>
<td>1508211</td>
<td>1508620</td>
<td>1508624</td>
</tr>
<tr>
<td>AP42V</td>
<td>1508012</td>
<td>1508212</td>
<td>1508620</td>
<td>1508624</td>
</tr>
<tr>
<td>AP321V</td>
<td>1508008</td>
<td>1508206</td>
<td>1508620</td>
<td>1508624</td>
</tr>
<tr>
<td>AP3521V</td>
<td>1508010</td>
<td>1508211</td>
<td>1508620</td>
<td>1508624</td>
</tr>
<tr>
<td>AP421V</td>
<td>1508012</td>
<td>1508212</td>
<td>1508620</td>
<td>1508624</td>
</tr>
</tbody>
</table>
### Frames

#### Stops Head / Sill

**Stop - Head No Strike**

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Length</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2</td>
<td>20 5/8&quot;</td>
<td>1508108</td>
</tr>
<tr>
<td>A3</td>
<td>32 5/8&quot;</td>
<td>1508110</td>
</tr>
<tr>
<td>A35</td>
<td>37 43/64&quot;</td>
<td>1508112</td>
</tr>
<tr>
<td>A4</td>
<td>44 55/64&quot;</td>
<td>1508114</td>
</tr>
<tr>
<td>A45</td>
<td>49 43/64&quot;</td>
<td>8054901</td>
</tr>
<tr>
<td>A5</td>
<td>56 47/64&quot;</td>
<td>8054902</td>
</tr>
<tr>
<td>A55</td>
<td>61 43/64&quot;</td>
<td>1352783</td>
</tr>
<tr>
<td>A6</td>
<td>68 47/64&quot;</td>
<td>1352784</td>
</tr>
<tr>
<td>AP3</td>
<td>-</td>
<td>1508429</td>
</tr>
<tr>
<td>AP35</td>
<td>-</td>
<td>1508430</td>
</tr>
<tr>
<td>AP4</td>
<td>-</td>
<td>1508431</td>
</tr>
<tr>
<td>AP5</td>
<td>-</td>
<td>By description</td>
</tr>
</tbody>
</table>

Note: Stops milled for blinds no longer available as of 1/1/2009. Also used as the sill stop on stationary units.

---

**Stop - Head with Strike**

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Length</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2</td>
<td>20 5/32&quot;</td>
<td>1508006</td>
</tr>
<tr>
<td>A3</td>
<td>32 26/32&quot;</td>
<td>1508008</td>
</tr>
<tr>
<td>A35</td>
<td>37 21/32&quot;</td>
<td>1508010</td>
</tr>
<tr>
<td>A4</td>
<td>44 27/32&quot;</td>
<td>1508012</td>
</tr>
<tr>
<td>A45</td>
<td>49 21/32&quot;</td>
<td>1508013</td>
</tr>
<tr>
<td>A5</td>
<td>56 23/32&quot;</td>
<td>1508014</td>
</tr>
</tbody>
</table>

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**Stop - Sill**

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2V - 1981</td>
<td>1508306</td>
</tr>
<tr>
<td>A2V - 1966</td>
<td>1508206</td>
</tr>
<tr>
<td>A3V</td>
<td>1508208</td>
</tr>
<tr>
<td>A335V</td>
<td>1508210</td>
</tr>
<tr>
<td>A35V</td>
<td>1508211</td>
</tr>
<tr>
<td>A4V</td>
<td>1508212</td>
</tr>
<tr>
<td>A45V</td>
<td>1508213</td>
</tr>
<tr>
<td>A5V</td>
<td>1508214</td>
</tr>
</tbody>
</table>
### Perma-Shield® Awning Windows (1966 to 1996)

**Frames**

#### Stops / Side

**Stop / Venting or Stationary Standard Units / Side no Strike (Pair)**

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Length</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR1</td>
<td>14 43/64</td>
<td>By description</td>
</tr>
<tr>
<td>AN1</td>
<td>18 11/64</td>
<td>1508406</td>
</tr>
<tr>
<td>A1</td>
<td>21 51/64</td>
<td>1508408</td>
</tr>
<tr>
<td>AW1</td>
<td>26 3/64</td>
<td>By description</td>
</tr>
<tr>
<td>A30</td>
<td>33 39/64</td>
<td>1508409</td>
</tr>
<tr>
<td>A335</td>
<td>38 27/64</td>
<td>1508410</td>
</tr>
<tr>
<td>AP2</td>
<td>-</td>
<td>8025001</td>
</tr>
<tr>
<td>AP3</td>
<td>-</td>
<td>1352520</td>
</tr>
<tr>
<td>AP50</td>
<td>-</td>
<td>1352528</td>
</tr>
</tbody>
</table>

**Stop / Venting Standard Units / Side with Strike (Pair)**

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A335</td>
<td>1508428</td>
</tr>
</tbody>
</table>

**Stop/ Venting Standard Units / Upper / Lower / Side**

*Note:*

All Awning heights use AR stop as lower stop.

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Upper Stop</th>
<th>Lower Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Unit No.</td>
<td>Length</td>
</tr>
<tr>
<td></td>
<td>AR1</td>
<td>5 61/64</td>
</tr>
<tr>
<td></td>
<td>AN1</td>
<td>9 7/16</td>
</tr>
<tr>
<td></td>
<td>A1</td>
<td>13 1/16</td>
</tr>
<tr>
<td></td>
<td>AW1</td>
<td>17 5/16</td>
</tr>
</tbody>
</table>

**Stop / Venting Picture Units / Upper / Lower / Side**

*Note:*

Handing determined as viewed from interior.

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Upper Stop</th>
<th>Left</th>
<th>Right</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Length</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP2V</td>
<td>33 11/16</td>
<td>1508620</td>
<td>1508624</td>
</tr>
<tr>
<td>AP30V</td>
<td>15 7/16</td>
<td>1508616</td>
<td>1508604</td>
</tr>
</tbody>
</table>
Frames

Extension Jambs

Note:
As of April 1995, 7 9/16” width was replaced with 7 1/8”.
Graphic shown for identification purposes. Replacements are current extension jambs shown Perma-Shield® Improved/EZ Awning section. See Accessory Guide 0005255.

Perma-Shield® Awning Extension Jambs

As of April 1995, 7 9/16” width was replaced with 7 1/8”.

Graphic shown for identification purposes. Replacements are current extension jambs shown Perma-Shield® Improved/EZ Awning section. See Accessory Guide 0005255.
Perma-Shield® Awning Windows (1966 to 1996)

Joining Components

Narrow Mullion

Exterior Trim Strip - Narrow Mullion

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>White</th>
<th>Terratone®</th>
<th>Sandtone</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR1</td>
<td>16 15/16</td>
<td>1506814</td>
<td>2106814</td>
<td>0638504</td>
</tr>
<tr>
<td>AN1</td>
<td>20 7/16</td>
<td>1506816</td>
<td>2106816</td>
<td>0638502</td>
</tr>
<tr>
<td>A1</td>
<td>24 1/16</td>
<td>1506820</td>
<td>2106820</td>
<td>0607202</td>
</tr>
<tr>
<td>AW1</td>
<td>28 5/16</td>
<td>1506822</td>
<td>2106822</td>
<td>0638506</td>
</tr>
<tr>
<td>144 in</td>
<td>144</td>
<td>1348520</td>
<td>1448520</td>
<td>0607234</td>
</tr>
</tbody>
</table>

Inside Casing - Narrow Mullion / Natural Wood

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>2 3/8”</th>
<th>2 5/8”</th>
<th>2 7/8”</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR1</td>
<td>14 23/32</td>
<td>1507632</td>
<td>8154121</td>
<td>1507604</td>
</tr>
<tr>
<td>AN1</td>
<td>18 7/32</td>
<td>1507631</td>
<td>8154122</td>
<td>1507606</td>
</tr>
<tr>
<td>A1/A21</td>
<td>21 27/32</td>
<td>1349006</td>
<td>1506820</td>
<td>1507608</td>
</tr>
<tr>
<td>AW1</td>
<td>26 5/32</td>
<td>1389520</td>
<td>1386804</td>
<td>1507620</td>
</tr>
<tr>
<td>A3</td>
<td>69 5/8</td>
<td>1349008</td>
<td>1349030</td>
<td>1507616</td>
</tr>
<tr>
<td>A4</td>
<td>45 7/32</td>
<td>1349012</td>
<td>1349032</td>
<td>1349039</td>
</tr>
<tr>
<td>96 in</td>
<td>96</td>
<td>1349022</td>
<td>1386812</td>
<td>1507622</td>
</tr>
<tr>
<td>144 in</td>
<td>144</td>
<td>1349024</td>
<td>1386814</td>
<td>1507624</td>
</tr>
</tbody>
</table>

Joining Strip - Narrow Mullion

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR1</td>
<td>1506414</td>
</tr>
<tr>
<td>AN1</td>
<td>1506416</td>
</tr>
<tr>
<td>A1</td>
<td>1506420</td>
</tr>
<tr>
<td>A3</td>
<td>1506424</td>
</tr>
<tr>
<td>AW1</td>
<td>1506422</td>
</tr>
</tbody>
</table>
Joining Components

<table>
<thead>
<tr>
<th>Exterior Flashing - Narrow Mullion</th>
<th>Color</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>White</td>
<td>1356008</td>
</tr>
<tr>
<td></td>
<td>Terratone®</td>
<td>1456008</td>
</tr>
<tr>
<td></td>
<td>Sandtone</td>
<td>0608402</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Gusset Plate - Narrow Mullion / Head and Sill</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1359508</td>
</tr>
</tbody>
</table>
Perma-Shield® Awning Windows (1966 to 1996)
Standard and Picture Windows

Joining Components

Support Mullion

Support Mullion
1. Inside Casing*
2. Extension Jamb
3. Support Mull Filler
4. Exterior Trim Strip

*Supplied by others

Perma-Shield® Awning Support Mullion

Joining Kit - Support Mullion

Kit includes:
Support mullion filler strip, support mullion flashing, support mullion trim strip

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>White</th>
<th>Terratone®</th>
<th>Sandtone</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>1507008</td>
<td>2106908</td>
<td>0607402</td>
</tr>
<tr>
<td>AN1</td>
<td>1507006</td>
<td>2106906</td>
<td>0638604</td>
</tr>
<tr>
<td>AR1</td>
<td>1507004</td>
<td>2106904</td>
<td>0638602</td>
</tr>
<tr>
<td>AW1</td>
<td>1507010</td>
<td>2106910</td>
<td>0638606</td>
</tr>
</tbody>
</table>

Exterior Trim Strip - Support Mullion  Ref. No 4

Note:
If a part number is not provided, use longer length trim strip and cut to size or order specific length by description.

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>White</th>
<th>Terratone®</th>
<th>Sandtone</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>24 3/64</td>
<td>By description</td>
<td>By description</td>
<td>0611002</td>
</tr>
<tr>
<td>A3</td>
<td>35 7/8</td>
<td>By description</td>
<td>1449008</td>
<td>0611004</td>
</tr>
<tr>
<td>A35</td>
<td>40 3/4</td>
<td>By description</td>
<td>1449012</td>
<td>0611006</td>
</tr>
<tr>
<td>A4</td>
<td>47 39/64</td>
<td>By description</td>
<td>1449016</td>
<td>0611008</td>
</tr>
<tr>
<td>A45</td>
<td>52 3/4</td>
<td>By description</td>
<td>1449020</td>
<td>0611010</td>
</tr>
<tr>
<td>A5</td>
<td>59 51/64</td>
<td>By description</td>
<td>1449024</td>
<td>0611012</td>
</tr>
<tr>
<td>A55</td>
<td>64 3/4</td>
<td>By description</td>
<td>1449020</td>
<td>0611014</td>
</tr>
<tr>
<td>A6</td>
<td>71 51/64</td>
<td>By description</td>
<td>1449024</td>
<td>0611016</td>
</tr>
<tr>
<td>144 in</td>
<td>144</td>
<td>1348620</td>
<td>1448620</td>
<td>0611034</td>
</tr>
</tbody>
</table>
## Joining Components

### Filler - Support Mullion

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Dimensions</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>C3</td>
<td>35 51/64</td>
<td>By description</td>
</tr>
<tr>
<td>C35</td>
<td>40 11/16</td>
<td>By description</td>
</tr>
<tr>
<td>C4</td>
<td>47 7/8</td>
<td>By description</td>
</tr>
<tr>
<td>C45</td>
<td>52 11/16</td>
<td>By description</td>
</tr>
<tr>
<td>C5</td>
<td>59 3/4</td>
<td>By description</td>
</tr>
<tr>
<td>C55</td>
<td>64 11/16</td>
<td>By description</td>
</tr>
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<td>C6</td>
<td>71 3/4</td>
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<td>72 in</td>
<td>72</td>
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### Exterior Flashing - Support Mullion

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</tr>
<tr>
<td></td>
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</tr>
<tr>
<td></td>
<td>Sandtone</td>
<td>0608404</td>
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</table>
Joining Components

Reinforced Mull Joining Components - Steel

Notes:
See Joining Guide 0005172

Steel Reinforced Narrow Mullion
for Casement, Awning, Specialty, and Circle Top™ Windows

IMPORTANT OF PROPER SELECTION:
It is essential that you select the proper joining members for Andersen windows. Andersen strongly recommends consultation with an experienced structural engineer, contractor, architect or your local Andersen window supplier prior to the installation of any Andersen product. Installation of Andersen products is the sole responsibility of the architect, building owner, contractor, and/or consumer, and Andersen has no responsibility in this regard. For more information about joining materials, please see the Andersen Residential Product Guide, the Andersen Commercial Catalog, or the Andersen Architectural Detail File.
## Joining Components

### Inside Casing - Pine Ref. No. 1

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<thead>
<tr>
<th>Length</th>
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<th>2 5/8”</th>
<th>2 15/16”</th>
</tr>
</thead>
<tbody>
<tr>
<td>96 in</td>
<td>2340602</td>
<td>2340606</td>
<td>2340614</td>
</tr>
<tr>
<td>144 in</td>
<td>2340604</td>
<td>2340608</td>
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### Inside Casing - White Prefinished Interior Ref. No. 1

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<th>2 15/16”</th>
</tr>
</thead>
<tbody>
<tr>
<td>96 in</td>
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<td>2340619</td>
<td>2340621</td>
</tr>
<tr>
<td>144 in</td>
<td>2340618</td>
<td>2340620</td>
<td>2340622</td>
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### Exterior Trim Strip - Reinforced Mullion Ref. No. 2 page 57

<table>
<thead>
<tr>
<th>Length</th>
<th>White</th>
<th>Terra-tone®</th>
<th>Sandtone</th>
<th>Forest Green</th>
<th>Canvas</th>
<th>Dark Bronze</th>
<th>Black</th>
</tr>
</thead>
<tbody>
<tr>
<td>96 in</td>
<td>2340504</td>
<td>2340508</td>
<td>2340512</td>
<td>2340528</td>
<td>9043184</td>
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<td>150 in</td>
<td>2340502</td>
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<td>2340510</td>
<td>2340526</td>
<td>9043183</td>
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### Exterior Narrow Mull Flashing Ref. No. 3 page 57

<table>
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<th>Length</th>
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<th>Canvas</th>
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<th>Black</th>
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</thead>
<tbody>
<tr>
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<td>1456008</td>
<td>0608402</td>
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<td>-</td>
<td>-</td>
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### Joining Strip - Steel Reinforced Mullion Ref. No. 4 page 57

<table>
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<th>Unit Size</th>
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<tbody>
<tr>
<td>96 1/4 in</td>
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<td>114 in</td>
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<td>2340410</td>
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</table>

### End Bracket Kit - Steel Reinforced Mullion / PSC/A/CT/FF Ref. No. 5 to 8 page 57

Includes:
- Instruction Sheet, Trim Strip Clips, Screw Packages RMA1, RMB1, RMC1, Location Blocks and 2 - End brackets.

<table>
<thead>
<tr>
<th>Order No.</th>
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</thead>
<tbody>
<tr>
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### End Bracket - Steel Reinforced Mullion Ref. No. 6 page 57

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### Joining Components

<table>
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<th>Ref. No.</th>
<th>Page</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clip - Trim Strip / Reinforced Mullion</td>
<td>7</td>
<td>57</td>
<td>2340423</td>
</tr>
<tr>
<td>Gusset Plate Kit - Steel Reinforced Mullion / ET</td>
<td>11, 5, 7</td>
<td>57</td>
<td>2340416</td>
</tr>
<tr>
<td>Includes: Gussets, Location locks, and Screw packages: RMA-2, RMB-2, RMC-2.</td>
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<tr>
<td>Gusset Plate - Metal / PS/FF</td>
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<tr>
<td>Gusset Plate - Head and Sill</td>
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<tr>
<td>Gusset Plate - CTC/CTN/ET/DH</td>
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<td>1359510</td>
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<td>Flange Gasket - Mull</td>
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<td>57</td>
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<td>Note: Used over flange.</td>
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Joining Components

Reinforced Mull Joining Components - Aluminum

Notes:
See Joining Guide 0005165

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Aluminum Reinforced Narrow Mullion
for Casement, Awning, Specialty, and Circle Top™ Windows

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<th>Sandtone</th>
<th>Forest Green</th>
<th>Canvas</th>
<th>Dark Bronze</th>
<th>Black</th>
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<td>96 in</td>
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<td>2340512</td>
<td>2340528</td>
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<tr>
<td>150 in</td>
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<th>Sandtone</th>
<th>Forest Green</th>
<th>Canvas</th>
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</thead>
<tbody>
<tr>
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### Joining Components

#### Joining Strip - Reinforced Mullion  Ref. No. 4

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<td>92 in</td>
<td>2340404</td>
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</table>

#### End Plate Kit - Reinforced Mullion / PSC/A/CT/FF  Ref. No. 5, 6, and 7  Page 60

Includes:
- End plates, trim strip clip, and screws

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<tr>
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<tbody>
<tr>
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#### End Plate - Reinforced Mullion  Ref. No. 5  Page 60

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#### Trim Clip - Reinforced Mullion  Ref. No. 6  Page 60

<table>
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<tbody>
<tr>
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Art Glass Components

Art Glass

Note:
Information about ordering replacement art glass panels can be found in the Andersen Art Glass section of the catalog.

Art Glass Trim Stops

Trim Stop - Art Glass / Venting / Hinge Side (1966 to 1996)

<table>
<thead>
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<th>Unit No.</th>
<th>Length</th>
<th>Left</th>
<th>Right</th>
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<tbody>
<tr>
<td>AG AR1</td>
<td>12 1/2</td>
<td>2370359</td>
<td>2370373</td>
</tr>
<tr>
<td>AG AN1</td>
<td>16 1/16</td>
<td>2370360</td>
<td>2370374</td>
</tr>
<tr>
<td>AG A1</td>
<td>19 5/16</td>
<td>2370361</td>
<td>2370375</td>
</tr>
<tr>
<td>AG AW1</td>
<td>23 15/16</td>
<td>2370362</td>
<td>2370376</td>
</tr>
<tr>
<td>AG A30</td>
<td>31 1/2</td>
<td>2370363</td>
<td>2370377</td>
</tr>
<tr>
<td>AG A35</td>
<td>36 5/16</td>
<td>2370364</td>
<td>2370378</td>
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Trim Stop - Art Glass / Venting / Lock Side (1966 to 1996)

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<td>2370319</td>
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<tr>
<td>AG AN1</td>
<td>16 1/16</td>
<td>2370301</td>
<td>2370320</td>
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<tr>
<td>AG A1</td>
<td>19 5/16</td>
<td>2370302</td>
<td>2370321</td>
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<tr>
<td>AG AW1</td>
<td>23 15/16</td>
<td>2370303</td>
<td>2370322</td>
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<td>31 1/2</td>
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<td>AG A35</td>
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<td>2370305</td>
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Trim Stop - Art Glass / Stationary / Side

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<tr>
<td>AG AN1</td>
<td>16 5/8</td>
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<td>AG A1</td>
<td>20 1/4</td>
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<td>AG AW1</td>
<td>24 1/2</td>
<td>2370282</td>
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</tr>
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<td>AG A35</td>
<td>36 7/8</td>
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</tr>
<tr>
<td>AG AP2</td>
<td>44 1/8</td>
<td>2370285</td>
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<td>AG AP3</td>
<td>67 15/16</td>
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### Trim Stop - Art Glass / Head and Sill (1966 to 1996)

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<tbody>
<tr>
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<td>19 7/8&quot;</td>
<td>2370258</td>
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<tr>
<td>AG A3</td>
<td>31 11/16&quot;</td>
<td>2370259</td>
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<tr>
<td>AG A35</td>
<td>36 9/16&quot;</td>
<td>2370260</td>
</tr>
<tr>
<td>AG A4</td>
<td>43 3/4&quot;</td>
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<td>AG A45</td>
<td>48 9/16&quot;</td>
<td>2370262</td>
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<td>AG A5</td>
<td>55 5/8&quot;</td>
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<td>AG A55</td>
<td>60 9/16&quot;</td>
<td>2370264</td>
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<td>AG A6</td>
<td>67 5/8&quot;</td>
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<tr>
<td>AG CP35</td>
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### Trim Stop - Art Glass / Venting / Sill

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### Art Glass Hardware

#### Bracket with Screws

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<tr>
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<td>See <a href="#">Accessory Guide 0005169</a>.</td>
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#### Screw Package

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<tbody>
<tr>
<td>Brass oval head AG 1 x 5 STD</td>
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#### Bracket Package - Standard / Top and Bottom

<table>
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<th>Package Includes:</th>
<th>Panel Size</th>
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</tr>
<tr>
<td>(2) Lower Brackets</td>
<td>37” - 60”</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Shims</td>
<td></td>
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</tr>
<tr>
<td>Fasteners</td>
<td>61” - 70”</td>
<td>3</td>
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<tr>
<td>See <a href="#">Accessory Guide 0005169</a>.</td>
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</table>
### Service Replacement Only Parts

**Note:**
This section is specifically designed for parts that should only be ordered if a Territory Service Manager/Service Provider Company has requested them to be ordered or if the customer agrees to also pay for a non-warranty repair/replace service job (subject to availability) for these parts to be installed. We do not recommend anyone other than a trained AW employee or Service Provider install these parts due to the complexity of installation, modifications required for installation and/or requirement of special tools.
Service Replacement Only Parts

**Sash - Standard Windows / High Performance Sun Bronze**


Note:
Sash are universal (Operating/Stationary).

<table>
<thead>
<tr>
<th>Unit No.</th>
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<th>Terratone®</th>
<th>Sandtone</th>
<th>Forest Green</th>
<th>Unit No.</th>
<th>White</th>
<th>Terratone®</th>
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<tbody>
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66 - Perma-Shield® Awning Windows (1966 to 1996)
**Sash - Standard Windows / Dual Pane 5/8 POG**

Sash - Standard Window / Dual Pane 5/8 PIOGOG

**Note:**
Sash are universal (Operating/Stationary).

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**Sash - Picture Windows / High Performance Sun Bronze**

Sash - Picture Window / High Performance Sun Bronze (1985 - 1990)

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**Cartons**

Cartons - Picture Window Sash

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