PERFORMANCE

The Series 3350 window is a thermally broken mainframe and sash that exceeds the performance specification criteria as required by ANSI/AAMA for AW (Architectural Grade) windows.

<table>
<thead>
<tr>
<th>AAMA Rating</th>
<th>Air Infiltration</th>
<th>Water</th>
<th>Structural</th>
<th>CRF (AAMA 1503)</th>
<th>Center of Glass U-Value</th>
<th>Window U-Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed</td>
<td>AW-100</td>
<td>0.03 CFM/ft²</td>
<td>Over 12 psf</td>
<td>150 psf</td>
<td>63</td>
<td>47&quot; x 59&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.20</td>
<td>0.34</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.24</td>
<td>0.37</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.29</td>
<td>0.41</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.34</td>
<td>0.45</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.47</td>
<td>0.55</td>
</tr>
<tr>
<td>Project Out - Awning</td>
<td>AW-120</td>
<td>0.08 CFM/ft²</td>
<td>Over 12 psf</td>
<td>180 psf</td>
<td>61</td>
<td>59&quot; x 24&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.20</td>
<td>0.48</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.24</td>
<td>0.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.29</td>
<td>0.53</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.34</td>
<td>0.56</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.47</td>
<td>0.64</td>
</tr>
</tbody>
</table>

This Information is based on current product design, sealed dual glazing, warm edge spacers and testing standards.

Please contact WINCO for project specific information

1 AAMA 101 Test Size
2 NFRC Gateway Test Size
3 Based on NFRC 100
CONSTRUCTION

MATERIAL - The Series 3350 window is a 3-1/2" deep frame depth with a nominal wall thickness of 0.125 inch. All material is extruded from 6063-T6 alloy.

THERMAL BREAK - All framing members of the window system are thermally broken. Winco uses the Azon Azo Brader® process to mechanically condition the surface of the thermal cavity. The process runs the entire length of the extrusion and creates serrations that insure proper adhesion of the structural polymer. The structural urethane is a high density 2 part formula providing optimum thermal performance for the most demanding conditions. The combination of the conditioning of the aluminum surface along with the two part urethane allows Winco to provide a full 10 year warranty against thermal break creep and shrinkage in accordance with AAMA 505-98.

WEATHER-STRIP - All operating ventilators have a double Santoprene®, non-shrinking dual durometer, thermoplastic rubber weather-stripping around the perimeter. One interior and one exterior.

FABRICATION - The main frame corners are coped and mechanically joined using two stainless steel spline screws per corner (fig 1). The vent is a hollow tube shaped extrusion for superior strength and rigidity. Vent corners are fully mitered and mechanically joined using two stainless steel spline screws per corner, aligning the members to form a hairline joint (fig 2). All frame joints are back sealed with small joint seam sealer providing a water tight joinery.

(fig 1) Main Frame Construction

(fig 2) Vent Construction
GLAZING

The windows can be interior or exterior glazed with .050 thick extruded aluminum glazing beads accommodating thicknesses from 1/8" up to 2 1/4". Dual or triple glazing is an option utilizing an interior panel sash that can either be hinged with 4-bar stainless steel hinges or a more economical take out sash. Venetian blinds are available with the dual or triple glazed window options. See the quick reference chart below for all glazing options. For actual details refer to the glazing section in the back of the 3350 section for optional glazing and blind details.

<table>
<thead>
<tr>
<th>Glazing Thickness</th>
<th>1/8&quot;</th>
<th>3/16&quot;</th>
<th>1/4&quot;</th>
<th>7/16&quot;</th>
<th>1/2&quot;</th>
<th>9/16&quot;</th>
<th>7/8&quot;</th>
<th>1&quot;</th>
<th>1-3/8&quot;</th>
<th>1-3/4&quot;</th>
<th>2&quot;</th>
<th>2-3/8&quot;</th>
<th>-</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monolithic</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Insulated</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Dual Glazed</td>
<td>Exterior</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Interior</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Triple Glazed</td>
<td>Exterior</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Interior</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Winco has different gaskets and glazing methods that can accommodate odd thicknesses of glass. If you do not see what you are looking for within this chart please contact your local representative for information regarding your specific project needs.

HARDWARE

All exposed locking hardware, strikes and keepers are solid white bronze alloy with US25D brushed finish. All four bar arms, casement arms, friction arms and key release limit arms are stainless steel conforming to AAMA 904.1. Five knuckle butt hinges are fabricated of 6063-T6 aluminum with nylon bushings and a stainless steel hinge pin.

<table>
<thead>
<tr>
<th>Window Type</th>
<th>Butt Hinge</th>
<th>4-Bar Arms</th>
<th>Casement Arms</th>
<th>Friction Adjustable</th>
<th>Roto Operator</th>
<th>Cam Lock</th>
<th>Pole Ring Cam Lock</th>
<th>Access Control Lock</th>
<th>Lift Lock</th>
<th>Pole Ring Lift Lock</th>
<th>Pull Handle</th>
<th>Key Release Limit Arm</th>
<th>Fixed Limit Stop</th>
<th>Under Screen Push Bar</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO - Awning</td>
<td>-</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>O</td>
<td>X</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>PI - Hopper</td>
<td>-</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>-</td>
<td>O</td>
<td>O</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Casement - Outswing w/ Butt Hinges</td>
<td>X</td>
<td>-</td>
<td>O</td>
<td>X</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>Casement - Inswing w/ Butt Hinges</td>
<td>X</td>
<td>-</td>
<td>O</td>
<td>X</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>-</td>
<td>O</td>
<td>O</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Casement - Outswing w/ concealed Hinges</td>
<td>-</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>X</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Casement - Inswing w/ concealed Hinges</td>
<td>-</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>X</td>
<td>O</td>
<td>-</td>
<td>O</td>
<td>O</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

X = Standard Hardware
O = Optional Hardware

Note:
1. Not all hardware is compatible with each other, contact your local Winco representative for information
2. Size limitations exist on some hardware, contact your local Winco representative for information
3. A pole ring pull will be provided on a project out vent is optional pole ring cam locks are required and no screen is furnished
4. Minimum width requirement for optional roto operators on casement windows with concealed casement arm hinging
5. Under screen push bars are not recommended by Winco if optimum water performance is a requirement.
SCREENS

FRAME - frames are fabricated from 6063-T6 extruded aluminum alloy and temper. All screen frames are miter cut and corner keyed. The corners are mechanically crimped together for durability. The screen frame is finished to match the window frame.

MESH - Standard .011 aluminum screen wire mesh is produced from 5154 alloy with 18x16 pattern in Charcoal or Aluminum color. All mesh is applied to the screen frame with a roller spline making for easy and quick replacements. Optional fiberglass or .009 stainless steel mesh is available as an option.
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows

Product Details - Fixed - Picture Window

Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.
### 3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows

**Product Details - Project Out - Awning**

Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>R.O.</td>
<td>W.D.</td>
<td>2 1/8</td>
<td>3 3/8</td>
<td>3 1/2</td>
<td>2 1/8</td>
<td>3 3/8</td>
<td>3 1/2</td>
<td>2 1/8</td>
<td>3 3/8</td>
<td>3 1/2</td>
<td>2 1/8</td>
</tr>
</tbody>
</table>

WINCO reserves the right to modify or change information within this book when deemed necessary for product improvement.

SCALE 6"=1'-0"
Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows
Product Details - PO|PI - Awning|Hopper

Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.

SCALE 6"=1'-0"
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows

Product Details - Butterfly Casement - Outswing

Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.

SCALE 6"=1'-0"
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows
Product Details - Outswing Casement

Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.

SCALE 6"=1'-0"
Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows

Product Details - Project Out - Awning

Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.

WINCO reserves the right to modify or change information within this book when deemed necessary for product improvement.

SCALE 6"=1'-0"
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows

Product Details - Project In - Hopper

Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.
This page is purposely left blank
Product Details - Rail & Frame Options

Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.

3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows

**FEMA 361 / ICC 500 "Tornado" T - Rail**

**FEMA 361 / ICC 500 "Tornado" Frame**
(Head, Jamb & Sill)

The exact glazing components and method of attachment are not available for public viewing.

SCALE 6"=1'-0"
This page is purposely left blank
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows

Product Details - Glazing Options

Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.

<table>
<thead>
<tr>
<th>Glazing Bead Description</th>
<th>Model Numbers</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; Glazing Bead</td>
<td>D33-10</td>
<td></td>
</tr>
<tr>
<td>1&quot; Glazing Bead</td>
<td>D33-14</td>
<td></td>
</tr>
<tr>
<td>1-3/8&quot; Glazing Bead</td>
<td>D33-17</td>
<td></td>
</tr>
<tr>
<td>2&quot; Glazing Bead</td>
<td>D33-114</td>
<td></td>
</tr>
<tr>
<td>2-3/8&quot; Glazing Bead</td>
<td>D33-11</td>
<td></td>
</tr>
<tr>
<td>1-3/4&quot; Glazing Bead</td>
<td>D33-120 / D33-121</td>
<td>(limited use only)</td>
</tr>
<tr>
<td>1&quot; Laminated I.G. with 1/2&quot; Polycarbonate Secondary</td>
<td>FEMA 361 / ASTM E1886 / 1996 Missile &quot;E&quot;</td>
<td></td>
</tr>
<tr>
<td>Human Impact Configuration</td>
<td>1&quot; I.G. with 7/16 Laminate or 1/2&quot; Polycarbonate Secondary</td>
<td></td>
</tr>
</tbody>
</table>
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows
Product Details - Glazing Options

Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.

FRAME INSERTS

D33-15
Use: reverse glaze any frame member.

Note: glazing options shown are a sample of what is available. If desired glazing is not shown please contact your local Winco Sales Representative for additional information.
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows
Product Details - Dual Glazed w/ Interior Sash

Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.

Dual Glazed Sash Options

N11-88
1/4" Glazing
shown w/ optional 1" blinds
(5/8" blinds optional)

SCALE 6"=1'-0"
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows
Product Details - Tripple Glazed w/ Interior Sash

Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.

Triple Glazed w/ Hinged Sash - 85 Option
Triple Glazed w/ Take Out Sash - 95 Option

Dual Glazed Sash Options

Scale 6"=1'-0"
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows
Projected Vent Size Capabilities Charts

- Dashed line represents the gateway size window as tested by AAMA.
- All vent sizes are based upon 1" Insulated glass consisting of ⅛" glass -½" air -⅛" glass.
- Any vent size outside of the AAMA Gateway tested size may have reduced performance.
- Chart assumes the window has been installed in a properly prepared opening by a qualified installer.
- Individual job criteria such as: other glazing materials, specified wind load, and specific operating hardware; may enhance or restrict the chart.
- Minimum vent size is 10" x 21" with standard cam locks and 4-bar hinges.
- The chart is a general guideline for projected vent sizing, anything on the edge or outside of the range will need to be reviewed by Winco Engineering.
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows
Casement Vent Size Capabilities Charts

Casement with Roto-Operator
w/ 5 Knuckle Butt Hinge & Multi Point Locks

Casement with 5 Knuckle Butt Hinge & Cam Locks

Casement with Concealed Four Bar Casement Arm & Multi Point Locks

Casement with Concealed Four Bar Casement Arm & Cam Locks

- Dashed line represents the gateway size window as tested by AAMA.
- All vent sizes are based upon 1" Insulated glass consisting of \( \frac{3}{4} \)" glass - \( \frac{1}{2} \)" air - \( \frac{3}{4} \)" glass.
- Any vent size outside of the AAMA Gateway tested size may have reduced performance.
- Chart assumes the window has been installed in a properly prepared opening by a qualified installer.
- Individual job criteria such as: other glazing materials, specified wind load, and specific operating hardware; may enhance or restrict the chart.
- Minimum vent size is 24-3/8" x 29-3/8" with standard cam locks and 4-bar hinges.
- The chart is a general guideline for projected vent sizing, anything on the edge or outside of the range will need to be reviewed by Winco Engineering.
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows

Product Details - Vertical Stack - D33-32 / D33-29

Note: Multiple configurations of this window system are available. Refer to the WINCO website for additional options or contact your local WINCO Sales Representative for information.

Combined Properties

<table>
<thead>
<tr>
<th>X-X</th>
<th>Y-Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.7823 in²</td>
<td>0.5260 in²</td>
</tr>
<tr>
<td>2.0059 in²</td>
<td>0.4027 in²</td>
</tr>
</tbody>
</table>

Maximum area = 40 ft²
Maximum Total Unit Weight must not exceed 500 lbs.

Wind Load Chart

This chart can be used as a guideline for the preliminary structural evaluation of the mullion/stack shown. The chart is based on conservative engineering practices and the minimum result from either L/175 Deflection, $\frac{3}{4}''$ deflection, or 15 ksi outer fiber stress. The chart reflects the structural strength of 2 continuous window jambs running the full height of the opening. WINCO highly recommends consulting an engineer for any of the following circumstances:

- The window under consideration falls close too or on the design pressure line.
- Any rail exceeds 48" with a large (>16ft²) light of glass above.
- Any vent width exceeds 60".
- Window exceeds the maximum size shown.
- Window has multiple rails (>3).
This chart can be used as a guideline for the preliminary structural evaluation of the Rail shown. The Dead Load chart is based on $\frac{1}{4}'' - \frac{1}{2}'' - \frac{3}{4}''$ I.G. and 0.090° deflection at $\frac{1}{4}$ and $\frac{1}{2}$ point blocking. The Wind Load Chart is based upon the minimum result from either L/175 deflection, $\frac{3}{4}''$ deflection, or 15 ksi outer fiber stress. The charts reflect the structural strength of only the Rail. WINCO highly recommends consulting an engineer for any of the following circumstances:

- The window under consideration falls close too or on the design pressure line.
- Any rail exceeds 48'' with a large (>16ft²) light of glass above.
- I.G. make-up varies from the default.
- I.G. has additional blocking.
This chart can be used as a guideline for the preliminary structural evaluation of the Rail shown. The Dead Load chart is based on $\frac{1}{4}''$ - $\frac{1}{2}''$ I.G. and 0.090" deflection at $\frac{1}{4}$ and $\frac{1}{8}$ point blocking. The Wind Load Chart is based upon the minimum result from either L/175 deflection, $\frac{3}{4}''$ deflection, or 15 ksi outer fiber stress. The charts reflect the structural strength of only the Rail. WINCO highly recommends consulting an engineer for any of the following circumstances:

- The window under consideration falls close too or on the design pressure line.
- Any rail exceeds 48" with a large (>16ft²) light of glass above.
- I.G. make-up varies from the default.
- I.G. has additional blocking.
This chart can be used as a guideline for the preliminary structural evaluation of the Rail shown. The Dead Load chart is based on $\frac{1}{4}" - \frac{1}{2}" - \frac{1}{4}"$ I.G. and $0.090"$ deflection at $\frac{1}{4}$ and $\frac{1}{8}$ point blocking. The Wind Load Chart is based upon the minimum result from either $L/175$ deflection, $\frac{3}{4}"$ deflection, or $15$ ksi outer fiber stress. The charts reflect the structural strength of only the Rail. WINCO highly recommends consulting an engineer for any of the following circumstances:

- The window under consideration falls close too or on the design pressure line.
- Any rail exceeds $48"$ with a large (>16ft²) light of glass above.
- I.G. make-up varies from the default.
- I.G. has additional blocking.

**Glass Dead Load Chart**

**Wind Load Chart**
Note: Typical vent screen details shown. Winco reserves the right to alter the screen attachment detail due to job specific sizing and hardware. If you have specific screen applications you would like to see please contact your local Winco Sales Representative for more information.

Optional D8-90 Muntin Bar

Winco reserves the right to add the D8-90 muntin bar to any aluminum mesh screen for wicket support if the vent becomes too wide. All Fiberglass screen mesh will receive the support rail regardless of width.

Top hinged Wicket
(1) per cam lock

#8 X 1 1/2" Fastener
H5000-29 Screen Clip
(2) per side
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows

Product Details - Screen Options - PI Hopper

Note: Typical vent screen details shown. Winco reserves the right to alter the screen attachment detail due to job specific sizing and hardware. If you have specific screen applications you would like to see please contact your local Winco Sales Representative for more information.

Section "A" - "A"

1 1/4
11/16

H8-45 Hanger clip
(1) per jamb

H8-44 Screen clip
(1) per jamb

H8-45 Hanger clip front view

Shop notch
screen clip
for H8-45 Hanger

Edge of window opening

Dashed lines represent the outline of screen frame

D33-32
D33-79
D33-41

Note: Dashed lines on screen elevations depict operable sash type. All screen frames are fixed.

Casement

Drawing

H8-44 Screen clip front view

PI - Hopper

D33-32
D33-79

Dashed lines on screen elevations depict operable sash type. All screen frames are fixed.

edge of window opening

H8-44 Screen clip front view

Dashed lines represent the outline of screen frame

H8-45 Hanger clip
(1) per jamb

H8-44 Screen clip
(1) per jamb

Note: Typical vent screen details shown. Winco reserves the right to alter the screen attachment detail due to job specific sizing and hardware. If you have specific screen applications you would like to see please contact your local Winco Sales Representative for more information.

Section "B" - "B"
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows

Product Details - Screen Options - PO - Awning w/ Roto Operator

Note: Typical vent screen details shown. Winco reserves the right to alter the screen attachment detail due to job specific sizing and hardware. If you have specific screen applications you would like to see please contact your local Winco Sales Representative for more information.

Section "A" - "A"

Section "B" - "B"

Note: Dashed lines on screen elevations depict operable sash type.
All screen frames are fixed.

#10-24 X 3/4" Pan Head SMS Fastener
H1-42 Screen Clip
(2) per side
Note: Typical vent screen details shown. Winco reserves the right to alter the screen attachment detail due to job specific sizing and hardware. If you have specific screen applications you would like to see please contact your local Winco Sales Representative for more information.

Note: Dashed lines on screen elevations depict operable sash type. All screen frames are fixed.
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows

Product Details - Trim - Receptor Installation

Note: See Winco Installation Instructions for a detailed description of installation notes and procedures.

Note:
Typical receptor system shown. Refer to "Panning and Trim" section of detail binder for all 2" receptor options.
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows
Product Details - Trim - Panning Installation

Note: See Winco Installation Instructions for a detailed description of installation notes and procedures.

Shim by Others N.B.W.

Head Detail / Jamb Similar

Fastener by Others N.B.W.

Interior Snap Trim

Note:
Typical panning system shown. Refer to "Panning and Trim" section of detail binder for all panning and interior snap trim options.

Shim by Others N.B.W.

Sill Detail
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows
Product Details - Trim - F-Anchor and Snap Trim Installation

Note: See Winco Installation Instructions for a detailed description of installation notes and procedures.

"F" Clip Installation
- "F" Anchor Clip
- Optional PVC Filler
- Shim by Others N.B.W.
- Fastener by Others N.B.W.

Snap Trim Installation
- "F" Anchor Clip
- Optional PVC Filler
- Fastener by Others N.B.W.
- Interior Snap Trim
- Shim by Others N.B.W.

Note:
Typical snap trim profile shown. Refer to "Panning and Trim" section of detail binder for snap trim sizes and shapes.

SCALE 6"=1'-0"
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows
Product Details - Trim - Stacking

Typical Side Stack Framing

May Vary:
from 3/16
to 1/16

SCALE 6"=1'-0"
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows

Product Details - Trim - Mullion

M-3 Mullion set from Building Interior

M-3 Mullion set from Building Exterior

SCALE 6"=1'-0"
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows
Product Details - Trim - Mullion

M-1 Mullion set from Building Interior

M-1 Mullion set from Building Exterior

SCALE 6"=1'-0"
3350 Series 3-1/2" Thermal Fixed, Casement & Projected Windows
Product Details - Trim - Mullion

M-2 Mullion set from Building Interior

M-2 Mullion set from Building Exterior

SCALE 6"=1'-0"
M-11 Mullion

Recommended usage only with Jamb Receptor for installation clearances

Anchor Clip at Head and Sill

Fasteners N.B.W.

Anchor Clip at Head and Sill

May Vary:
from 1/16

to 3/16

May Vary:
from 6-1/8
to 6-3/8

SCALE 6”=1'-0”
This page is purposely left blank