



Standard Architectural Shapes Order

Email to: orders@energykingwindows.com or Fax to: 716-856-4509

Date: _____ Order Quote Only

Customer Name: _____ PO No: **(For Orders Only!)** _____

City & State: _____ Phone: _____

Contact Name: _____ Fax: _____

Ship To: Location on File Drop Ship: _____

Construction: Complete Frame Only Glass Only Other: _____

Frame Material: _____ Nail Fin: Yes No

Accessory: _____

Color: Bright White Euro White Tan Other: _____

Please refer to Ventana's architectural shapes catalog for product codes and specifications

Shape: _____ Quantity: _____ Mull Space (Segmented units): _____

Manufactured Size: Frame Size Glass Size View: ISLO OSLI

Width: _____ Height: _____ Leg: _____

Template Supplied: Yes No Type: Glass Template Frame Template

Glass: Clear Tempered Argon Low-E, Type: _____

Other _____ IG thickness (when supplying glass sizes): _____

Please provide surface when ordering Low-E, v-groove, tinted or obscure glass:

Grid Pattern: Please refer to Ventana's grid design catalog for pattern numbers. Provide drawing below, if necessary.

Grid pattern: _____

Flat 5/8" Flat 3/4" Contour Decralite Other: _____

White Tan Other _____ Note: Two-tone grids are supplied by customer

Hub 1: _____ Hub 2: _____ Hub 3: _____

Center-to-center Inside-to-inside Outside-to-outside

Drawing:

Special Instructions: _____

Template Worksheet

Mail to:
Energy King Windows & Doors • 815 Smith Street • New York 14206

Customer Name: _____ Number of Units: _____

PO # _____ Job Name: _____ Date: _____

Sales Order #: _____ Work Order #: _____

Type of Template

- Full Template *(no dimensions included)*
- Per Radius Only Template Width: _____ Height: _____

If Full Template is provided, window will be made per the actual template size and shape.

- **No dimensions should be included with Full Templates!**
- **A complete template must be provided. We cannot use partial templates except for radius only!**

Template-making Requirements *(We will not alter a template!)*

- Templates should be made from a rigid material such as corrugated cardboard or wood.
- Edges and angles must be accurate. **We will build the unit exactly as the template is cut!**
- No partial templates will be accepted, only Full Templates. **We cannot build to a partial template!**
- Please note orientation on template: top, bottom, side, etc.
- Please note VIEW on template: Inside Looking Out or Outside Looking In.
- For Glass-Only templates, please provide drawings with accurate dimensions and line-ups for any grid(s) required, separate from the template. **(Please do not put grid drawings on the template).**
- Some Template Orders may require a longer lead-time based on shape and/or outsourced products.

Template View	Template Grid Information	For Grid No Line-ups, Provide Sketch
<input type="checkbox"/> Inside Looking Out <input type="checkbox"/> Outside Looking In <p>Please write view on template!</p>	<input type="checkbox"/> No Grid <input type="checkbox"/> Grid No Line-ups <input type="checkbox"/> Grid Drawing with Line-ups	

Type of Unit: Complete Open Frame Glass Only Frame Template

Accessories: Nail Fin Exterior Casing Brickmould Other _____
 Interior Jamb Interior Casing

Frame Color: White Tan Other _____

Glass Type: Clear Low-E Tempered Other _____

Grid Info: Type _____ Color _____

Frame/Profile # (Ex. VEKAPWF01): _____

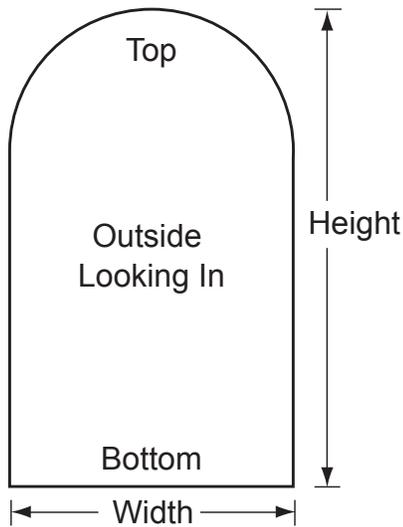
Continued on Page 2

Template Worksheet

For Radius-Only Templates,

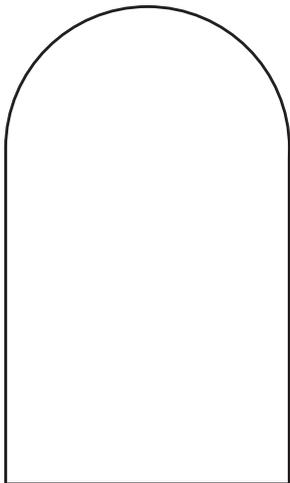
Please provide overall Height and Width.

We will determine Leg Height from these dimensions.

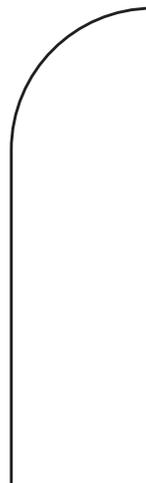


Template Construction Guidelines: Please send complete templates!

For example,
if you want us to make this...



Please don't
send a template like this...



Series 2050 Garden Window Order

Email to: orders@energykingwindows.com or Fax to: 716-856-4509

Date: _____

Order Quote Only

Customer Name: _____

PO No: **(For Orders Only!)** _____

City & State: _____

Phone: _____

Contact Name: _____

Fax: _____

Ship To: Location on File Drop Ship: _____

Quantity: _____

Manufactured Size (width x height): _____ New Construction Remodeling

Frame Color: White Tan *Special Order:* Cocoa w/White Interior Champagne w/White Interior
Special Order: Woodgrain w/White Exterior: Light Oak Laminate
Special Order: Custom Color (Name): _____

Side Jamb (depth): _____

Side Jamb Color: Birch Oak White Laminate Tan Laminate **Option:** Sherwood Oak Laminate

Seat Board: With Insulation (Recommended) **Note: Insulboard MUST be installed on all painted garden windows.**
 Without Insulation
 Birch Oak White Laminate Tan Laminate **Option:** Sherwood Oak Laminate

Add Acrylic Solid Surface Seat Insert:

Arctic White Almond Vanilla Sugar Black Pearl Gray Granite White Quartz

Glass Options: Clear Low-E (please specify): _____

Argon Krypton

Temper All Lites Obscure (All Lites) Tinted (All Lites)

V-Groove Pattern: _____ In Front Lite In Top Lite In Side Lites

Shelves: No Shelf One Shelf Two Shelves

Grid Options: **Pattern:** _____ In Front Lite In Top Lite In Side Lites

Special Instructions: _____

Series 2051
Stucco Replacement Garden Window Order
Email to: orders@energykingwindows.com or Fax to: 716-856-4509

Order Quote Only

Date: _____

Customer Name: _____

PO No: (For Orders Only!) _____

1. Quantity: _____

2. Width of Unit (Refer to Top View drawing and check off dimension used):

GWID FO RO = _____

Height of Unit (Refer to Side View drawing and check off dimension used):

GWID FO RO = _____

3. Frame Color:

White Tan

Special Order with White Interior: Champagne Cocoa

Special Order with White Exterior: Light Oak Woodgrain

Special Order: Custom Color (Name): _____

4. Seat Board:

w/Insulation (Recommended) **Note: Insulboard MUST be installed on all painted garden windows.**

w/o Insulation

Birch Oak White Laminate Tan Laminate

Option: Sherwood Oak Laminate

Add Acrylic Solid Surface Seat Insert:

Arctic White Almond Vanilla Sugar Black Pearl

Gray Granite White Quartz

5. Glass Options:

Clear Low-E (please specify): _____

Argon Krypton

Temper (All Lites) Obscure (All Lites) Tinted (All Lites)

V-Groove Pattern: _____

In Front Lite In Top Lite In Side Lites

6. Shelves:

No Shelf One Shelf Two Shelves

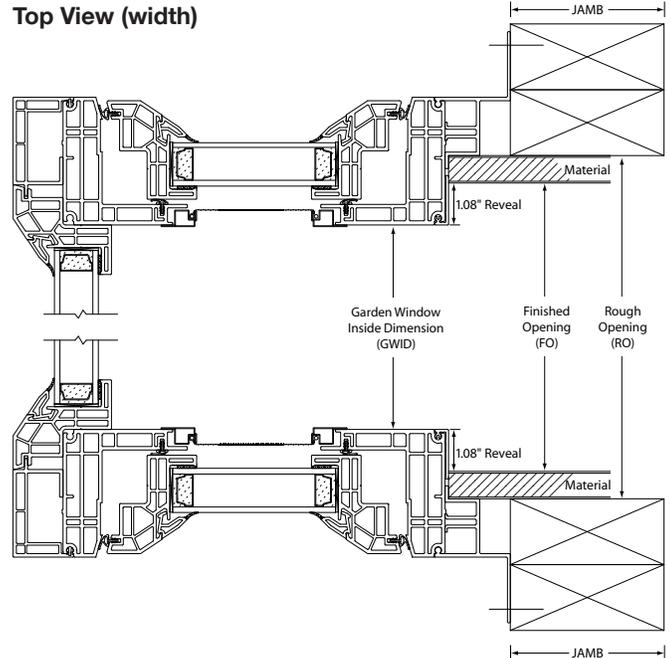
7. Grid Options:

Pattern: _____

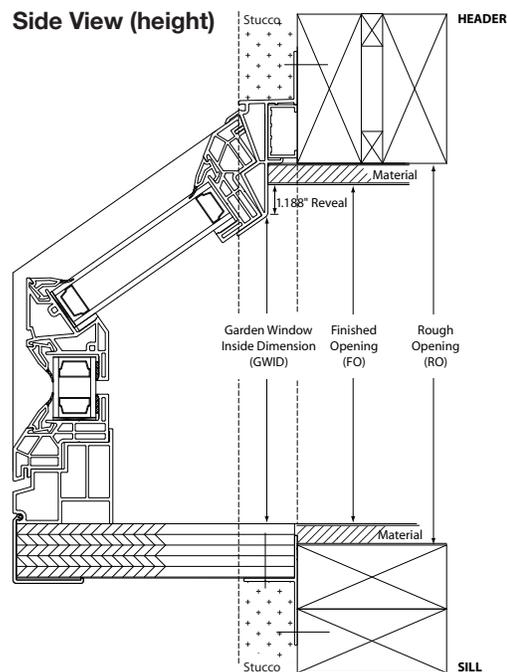
In Front Lite In Top Lite In Side Lites

8. Note: Knee Braces are provided with every order.

Top View (width)



Side View (height)



Codes: GWID = Garden Window Inside Dimension
FO = Finished Opening
RO = Rough Opening

Cellular PVC Casing & Jamb Order

Email to: orders@energykingwindows.com or Fax to: 716-856-4509

Order Quote Only

Date: _____

Customer Name: _____

PO No: _____

City & State: _____

Phone: _____

Contact Name: _____

Fax: _____

Ship To: Location on File Drop Ship: _____

Please specify Primed White (W) or Tan Stainable (S) when ordering!

Casing

Jamb Extension

Rosettes

(11/16" x 2-1/4")
 PVC WM356 W S

(11/16" x 3-15/16")
 PVC 2460 W S

(Real pine wood, unfinished)

(11/16" x 2-1/4")
 PVC WM442 W S

(5/8" x 4-9/16")
 PVC 2328 W S

Small (2-1/2")

Quantity: _____

(11/16" x 2-1/2")
 PVC WM351 W S

(5/8" x 4-13/16")
 PVC 7159 W S

Large (3-1/2")

Quantity: _____

(11/16" x 3-1/4")
 PVC WM445 W S

(11/16" x 5-13/16")
 PVC 2360 W S

Quantity: _____

Shape: _____

Manufactured Size: Width _____ Height _____ Leg _____

Template Supplied: Yes (Must be the frame template) No Template _____

Casing/Jamb: Curve Only Curve & Sill Curve, Sill & Legs Straights Only

Jamb: Rip To: _____

Special Instructions: _____

Real Wood Trim Casing & Jamb Order

Email to: orders@energykingwindows.com or Fax to: 716-856-4509

Order Quote Only

Date: _____

Customer Name: _____

PO No: _____

City & State: _____

Phone: _____

Contact Name: _____

Fax: _____

Ship To: Location on File Drop Ship: _____

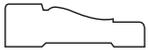
Casing



WM327 (2-1/4")



WM351 (2-1/2")



WM356 (2-1/4")



WM445 (3-1/4")



WM366 (2-1/4")

Jamb



Jamb Extension
(Up to 3")



Jamb Extension (Custom)
(Over 3" up to 5" add 25%)

Size: _____

Rosettes



Poplar Red Oak Clear Pine

(2-3/4") Quantity: _____

(3-3/4") Quantity: _____

Wood Species: Poplar Red Oak Clear Pine

Quantity: _____

Shape: _____

Manufactured Size: Width _____ Height _____ Leg _____

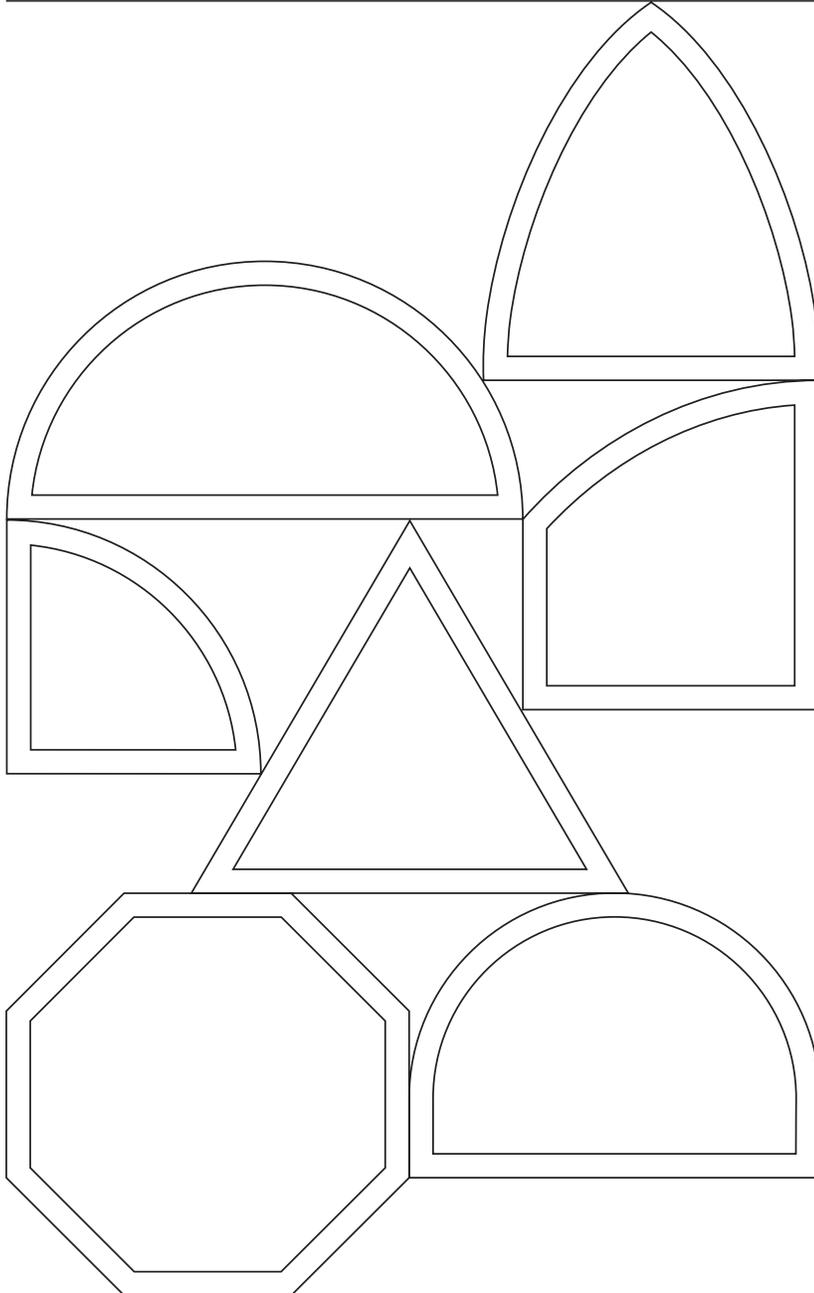
Template Supplied: Yes (Must be the frame template) No Template _____

Casing/Jamb: Curve Only Curve & Sill Curve, Sill & Legs

Jamb: Rip To: _____

Special Instructions: _____

Specifications Required for Standard Architectural Shapes

**Page 2:**

Circle Top
Circle Top with Extended Legs
Full Circle
Quarter Arch Left and Right
Quarter Arch with Extended Legs

Page 3:

Eyebrow
Eyebrow with Extended Legs
Half Eyebrow Left and Right
Half Eyebrow with Extended Legs
Ellipse
Oval

Page 4:

Cathedral
Cathedral with Extended Legs
Trapezoid Left and Right
Triangle Left and Right
Triangle Equilateral

Page 5:

Triangle Isosceles
Octagon
Octagon with Extended Legs
Hexagon
Hexagon with Extended Legs

Page 6:

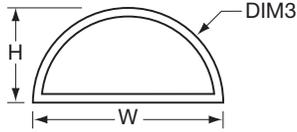
Pentagon
Pentagon Left and Right
Pentagon Equilateral
Rectangle

Other shapes available upon request.

Energy King Windows & Doors

815 Smith Street • Buffalo, New York 14206
Telephone: (716) 854-1600 • Fax: (716) 856-4509
www.energykingwindows.com
eMail: orders@energykingwindows.com

**Specifications Required for
Standard Architectural Shapes**



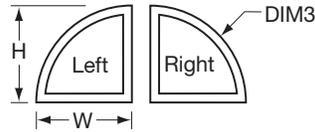
Height / DIM3 Radius =
exactly 1/2 the width.

CT- Circle Top

W Width (Required) = _____

H Height (Required) = _____

DIM3 Radius (Optional) = _____



Width and height are equal.

View required for single units:
OSLI or ISLO.

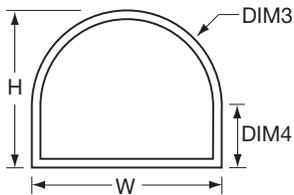
For segmented units, the exact
height of the overall radius and
width of the mull space are
also required.

QAL or QAR- Quarter Arch (Left or Right)

W Width (Required) = _____

H Height (Required) = _____

DIM3 Radius (Optional) = _____



DIM3 Radius =
exactly 1/2 the width.

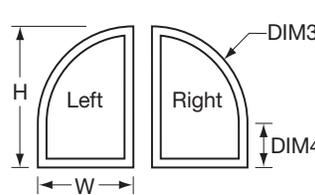
CTX- Circle Top with Extended Legs

W Width (Required) = _____

H Height (Required) = _____

DIM3 Radius (Optional) = _____

DIM4 Length of Leg (Req.) = _____



Width and radius are equal.

View required for single units:
OSLI or ISLO.

For segmented units, the exact
height of the overall radius and
width of the mull space are
also required.

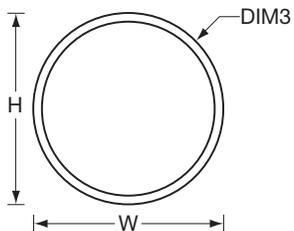
**QXL or QXR-
Quarter Arch (Left or Right) with Extended Legs**

W Width (Required) = _____

H Height (Required) = _____

DIM3 Radius (Optional) = _____

DIM4 Length of Leg (Req.) = _____

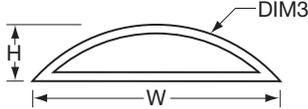


Width and height are equal.
Radius = exactly 1/2 the width.

FC- Full Circle

W Width (Required) = _____

**Specifications Required for
Standard Architectural Shapes**



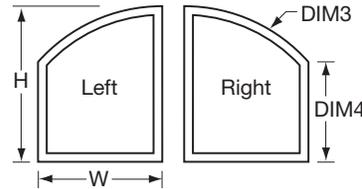
Height is less than 1/2 the width.
DIM3 Radius is continuous.
Corner angle must be above angle limits.

EB- Eyebrow

W Width (Required) = _____

H Height (Required) = _____

DIM3 Radius (Optional) = _____



DIM4 must be above profile limits.

View required for single units: OSLI or ISLO.

For segmented units, the exact height of the overall radius and width of the mull space are also required.

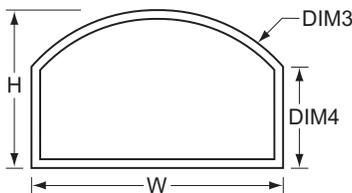
**HXL or HXR-
Half Eyebrow (Left or Right) with Extended Legs**

W Width (Required) = _____

H Height (Required) = _____

DIM3 Radius (Optional) = _____

DIM4 Length of Leg (Req.) = _____



Height of curve must be less than 1/2 the width.
DIM4 must be above profile limits.

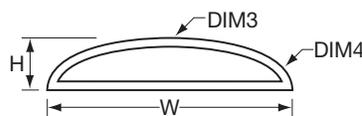
EBX- Eyebrow with Extended Legs

W Width (Required) = _____

H Height (Required) = _____

DIM3 Radius (Optional) = _____

DIM4 Length of Leg (Req.) = _____



DIM4 Radius must be above profile limits.

DIM4 must be less than DIM3.

EP- Ellipse

W Width (Required) = _____

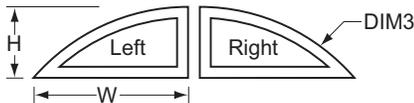
H Height (Required) = _____

DIM3 Major Radius (Optional) = _____

DIM4 Minor Radius (Optional) = _____

View required for single units: OSLI or ISLO.
Corner angle must be above angle limits.

For segmented units, the exact height of the overall radius and width of the mull space are also required.

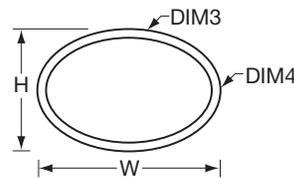


HBL or HBR- Half Eyebrow (Left or Right)

W Width (Required) = _____

H Height (Required) = _____

DIM3 Radius (Optional) = _____



DIM4 Radius must be above profile limits.

OV- Oval

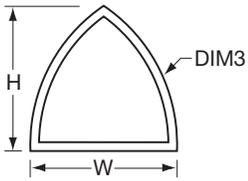
W Width (Required) = _____

H Height (Required) = _____

DIM3 Major Radius (Optional) = _____

DIM4 Minor Radius (Optional) = _____

**Specifications Required for
Standard Architectural Shapes**



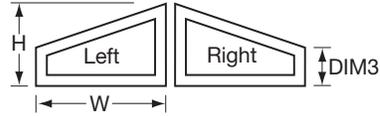
*DIM3 Radius must be greater than 1/2 the width.
DIM3 Radius must be above profile limits.*

CH- Cathedral

W Width (Required) = _____

H Height (Required) = _____

DIM3 Radius (Optional) = _____



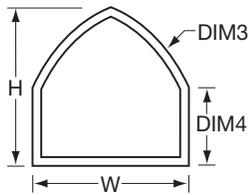
*View required for single units:
OSLI or ISLO.*

TZL or TZR- Trapezoid (Left or Right)

W Width (Required) = _____

H Height (Required) = _____

DIM3 Short Leg (Req.) = _____



DIM3 Radius must be above profile limits.

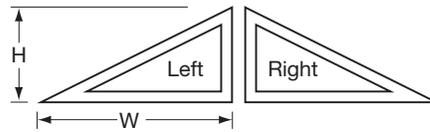
CHX- Cathedral with Extended Legs

W Width (Required) = _____

H Height (Required) = _____

DIM3 Radius (Optional) = _____

DIM4 Length of Leg (Req.) = _____

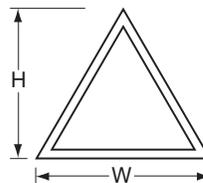


*View required for single units:
OSLI or ISLO.*

TRL or TRR- Triangle (Left or Right)

W Width (Required) = _____

H Height (Required) = _____

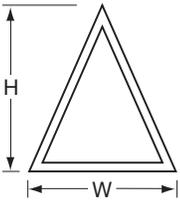


On this style, all sides are equal.

TRE- Triangle Equilateral

W Width (Required) = _____

**Specifications Required for
Standard Architectural Shapes**

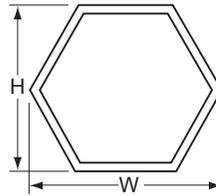


On this style, two sides are equal.

TRI- Triangle Isosceles

W Width (Required) =

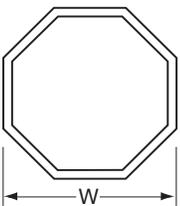
H Height (Required) =



On this style, all sides are equal.

HX- Hexagon

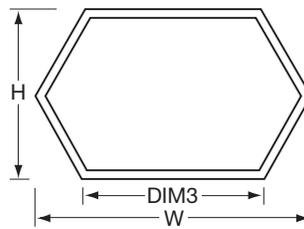
W or H Width or Height (Required) =



On this style, all sides are equal.

OT- Octagon

W Width (Required) =

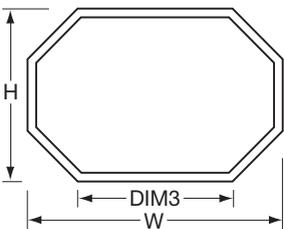


HXX- Hexagon with Extended Legs

W Width (Required) =

H Height (Required) =

DIM3 Length of Leg (Req.) =



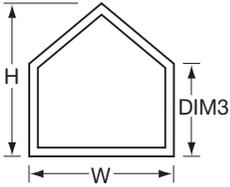
OTX- Octagon with Extended Legs

W Width (Required) =

H Height (Required) =

DIM3 Length of Leg (Req.) =

**Specifications Required for
Standard Architectural Shapes**

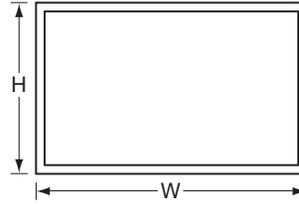


PT- Pentagon

W Width (Required) =

H Height (Required) =

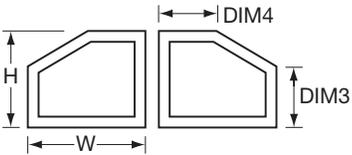
DIM3 Length of Leg (Req.) =



RT- Rectangle

W Width (Required) =

H Height (Required) =



*View required for single
units: OSLI or ISLO.*

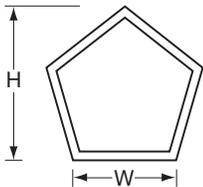
PTL or PTR- Pentagon (Left or Right)

W Width (Required) =

H Long Leg (Required) =

DIM3 Short Leg (Required) =

DIM4 Top (Required) =

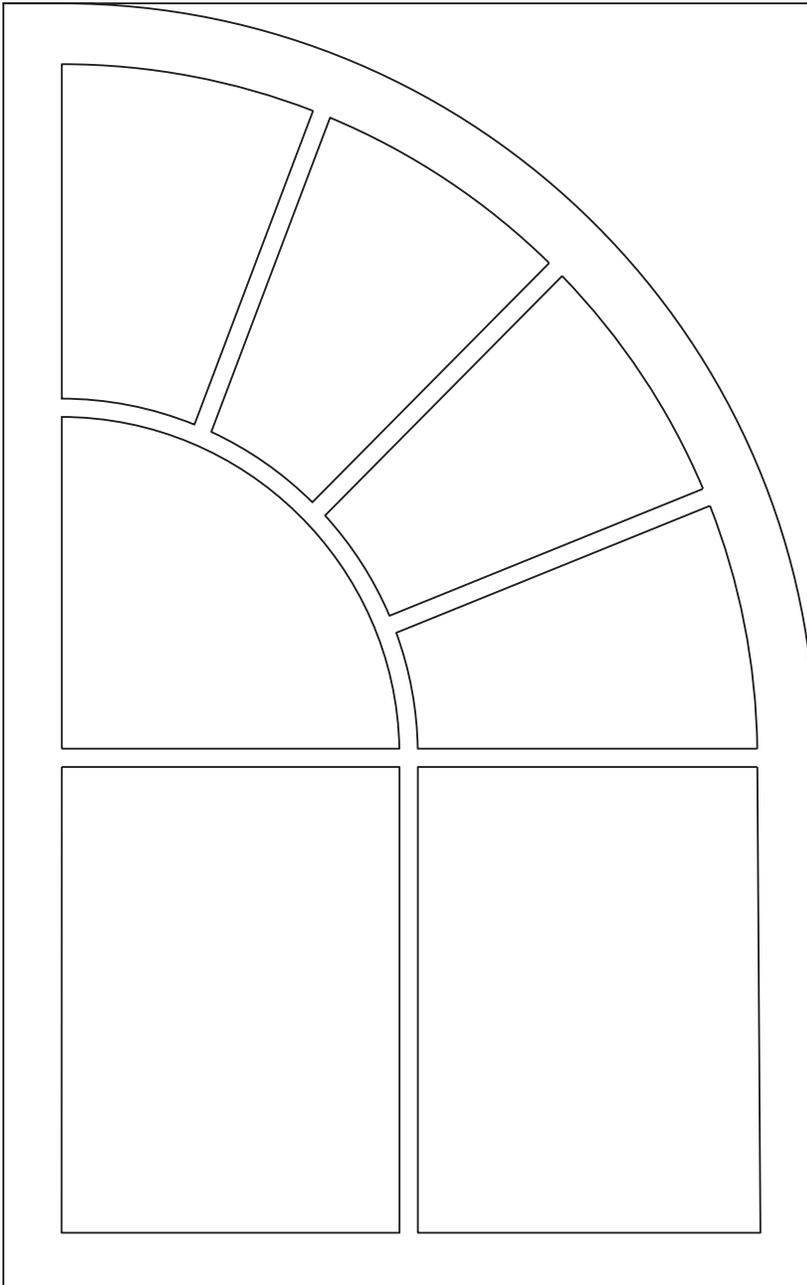


On this style, all sides are equal.

PTE- Pentagon Equilateral

W Width (Required) =

Grid Designs for Standard Architectural Shapes

**Page 2:**

Circle Top
Circle Top Other

Page 3:

Circle Top with Extended Legs
Full Circle

Page 4:

Quarter Arch
Quarter Arch with Extended Legs

Page 5:

Eyebrow
Eyebrow with Extended Legs
Ellipse

Page 6:

Oval
Cathedral
Cathedral with Extended Legs
Octagon
Simulated Divided Lites (SDL) Profiles

Notes:

1. Any grid design not shown in this catalog must be approved by Ventana USA prior to ordering.
2. The letters shown in parentheses after each grid number indicate that the design can be manufactured in flat metal grid (F), contoured metal grid (C), flat Decralite (FD), or contoured Decralite (CD).
3. Maximum hub size (center to center) for flat or contoured metal grids is 75."
4. Minimum hub sizes (center-to-center) for all grids:
With 5/8" flat grid: 6-1/2" hub
With 3/4" flat grid: 7-1/2" hub
With contoured grid: 9" hub
*If a smaller hub is requested, the grids must be Decralite.**
5. With the exception of quarter arches, all contoured grids that run to center may require a taco hub connector.
6. Gothic and cathedral grid designs may require an extended lead time. For more information please contact
Customer Support: 724-325-3400.

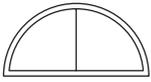
Energy King Windows & Doors

815 Smith Street • Buffalo, New York 14225
Telephone: 716-854-1600 • Fax: 716-856-4509
www.energykingwindows.com
eMail: orders@energykingwindows.com

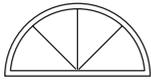
Grid Designs for Standard Architectural Shapes

F= Flat Metal C= Contoured Metal FD= Flat Decralite CD= Contoured Decralite

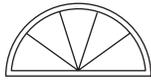
CT- Circle Top (Please see notes on page 1)



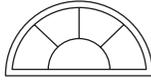
CT-1 (F/C)



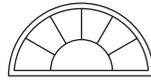
CT-2 (F/C)



CT-3 (F/C)



CT-4 (F/C)



CT-5 (F/C)



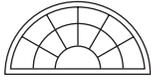
CT-6 (F/C)



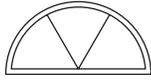
CT-7 (F/C)



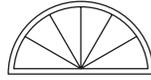
CT-8 (F/C)



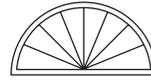
CT-9 (F/C)



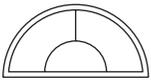
CT-10 (F/C)



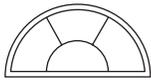
CT-11 (F/C)



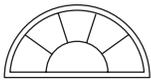
CT-12 (F/C)



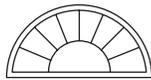
CT-13 (F/C)



CT-14 (F/C)



CT-15 (F/C)

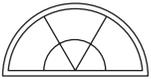


CT-16 (F/C)

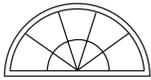


CT-17 (F/C)

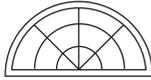
Please Note:
There is no CT-18



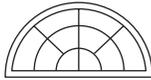
CT-19 (F/C)



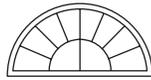
CT-20 (F/C)



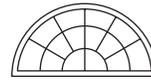
CT-21 (F/C)



CT-22 (F/C)



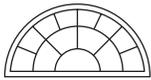
CT-23 (F/C)



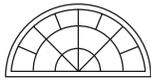
CT-24 (F/C)



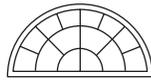
CT-25 (F/C)



CT-26 (F/C)



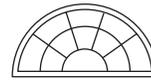
CT-27 (F/C)



CT-28 (F/C)

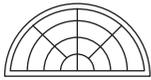


CT-29 (F/C)

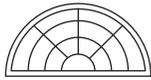


CT-30 (F/C)

Please Note:
There is no CT-31



CT-32 (F/C)



CT-33 (F/C)



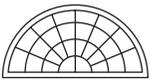
CT-34 (F/C)



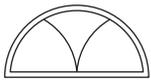
CT-35 (F/C)



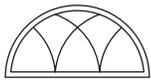
CT-36 (F/C)



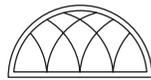
CT-37 (F/C)



CT-38 (FD/CD)



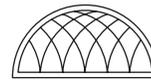
CT-39 (FD/CD)



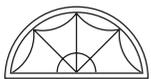
CT-40 (FD/CD)



CT-41 (FD/CD)

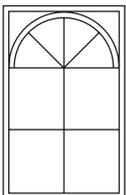


CT-42 (FD/CD)

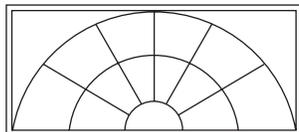


CT-43 (FD/CD)

CTO- Circle Top Other (Please see notes on page 1)



CTO-1 (F/C/CD)



CTO-2 (F/C/CD)

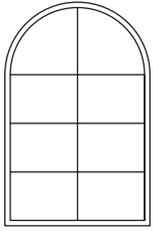
All CTO units:

If hubs are low-rise, contoured grids must be made with Decralite.

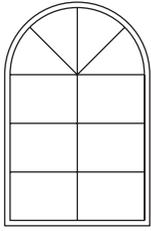
Grid Designs for Standard Architectural Shapes

F= Flat Metal C= Contoured Metal FD= Flat Decralite CD= Contoured Decralite

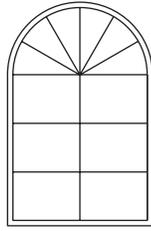
CTX- Circle Top with Extended Legs *(Please see notes on page 1)*



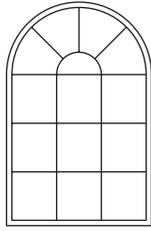
CTX-1 (F/C)



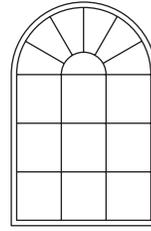
CTX-2 (F/C)



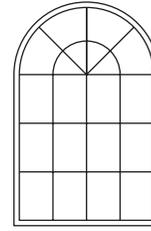
CTX-3 (F/C)



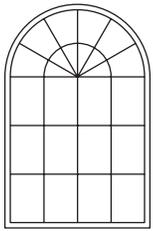
CTX-4 (F/C)



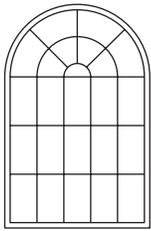
CTX-5 (F/C)



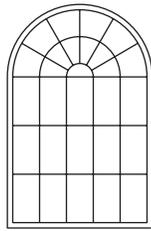
CTX-6 (F/C)



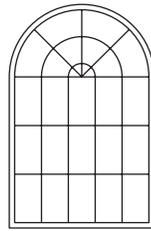
CTX-7 (F/C)



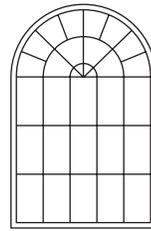
CTX-8 (F/C)



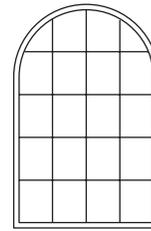
CTX-9 (F/C)



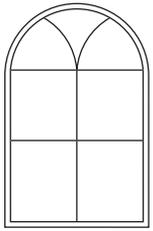
CTX-10 (F/C)



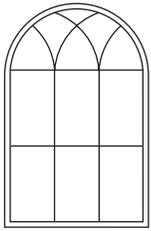
CTX-11 (F/C)



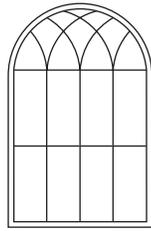
CTX-12 (F/C)



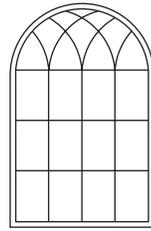
CTX-13 (FD/CD)



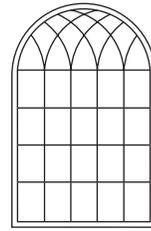
CTX-14 (FD/CD)



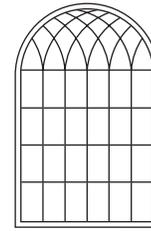
CTX-15 (FD/CD)



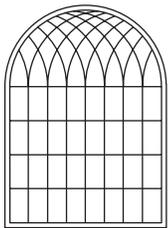
CTX-16 (FD/CD)



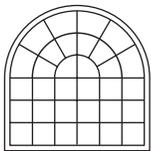
CTX-17 (FD/CD)



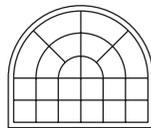
CTX-18 (FD/CD)



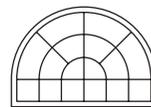
CTX-19 (FD/CD)



CTX-20 (F/C)



CTX-21 (F/C)

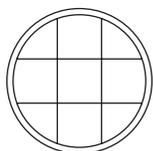


CTX-22 (F/C)

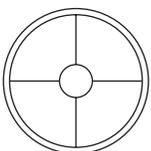
All CTX units:

The size of the unit will determine if the grids are entirely Decralite or Decralite on the top portion with metal on the bottom portion.

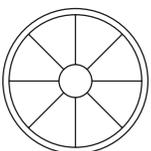
FC- Full Circle *(Please see notes on page 1)*



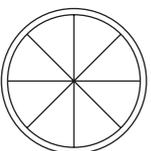
FC-1 (F/C)



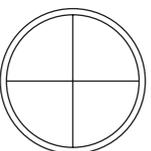
FC-2 (FD/CD)



FC-3 (FD/CD)



FC-4 (F/CD)



FC-5 (F/C)

Grid Designs for Standard Architectural Shapes

F= Flat Metal C= Contoured Metal FD= Flat Decralite CD= Contoured Decralite

QA- Quarter Arch *(Please see notes on page 1)*

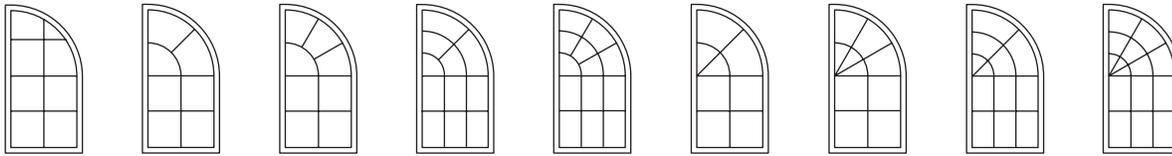


QA-1 (F/C) QA-2 (F/C) QA-3 (F/C) QA-4 (F/C) QA-5 (F/C) QA-6 (F/C) QA-7 (F/C) QA-8 (F/C)

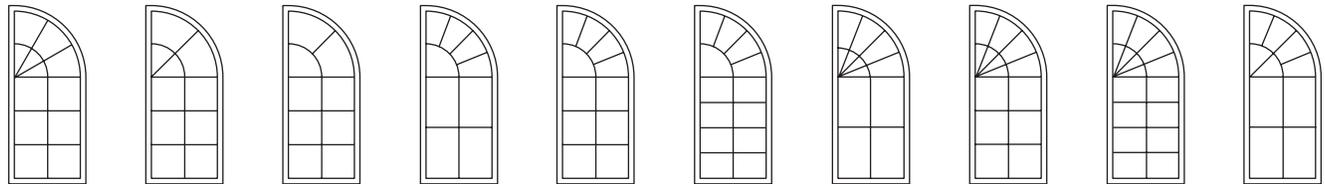


QA-9 (F/C) QA-10 (F/C) QA-11 (F/C) QA-12 (F/C) QA-13 (F/C) QA-14 (F/C) QA-15 (F/C) QA-16 (F/C)

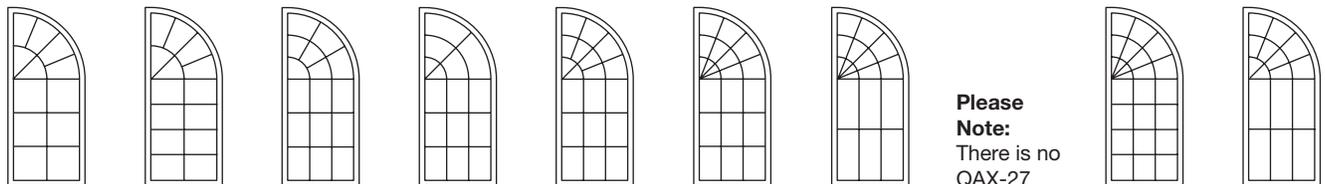
QAX- Quarter Arch with Extended Legs *(Please see notes on page 1)*



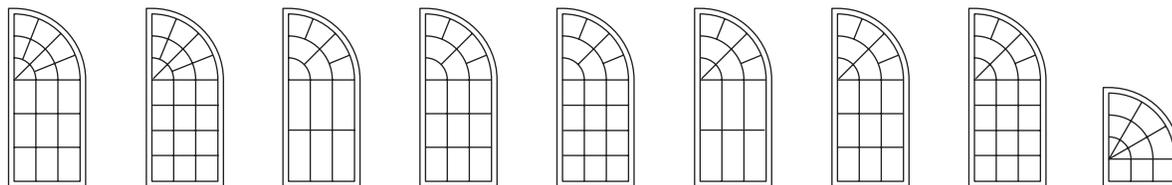
QAX-1 (F/C) QAX-2 (F/C) QAX-3 (F/C) QAX-4 (F/C) QAX-5 (F/C) QAX-6 (F/C) QAX-7 (F/C) QAX-8 (F/C) QAX-9 (F/C)



QAX-10 (F/C) QAX-11 (F/C) QAX-12 (F/C) QAX-13 (F/C) QAX-14 (F/C) QAX-15 (F/C) QAX-16 (F) QAX-17 (F) QAX-18 (F) QAX-19 (F/C)



QAX-20 (F/C) QAX-21 (F/C) QAX-22 (F/C) QAX-23 (F/C) QAX-24 (F/C) QAX-25 (F) QAX-26 (F) **Please Note: There is no QAX-27** QAX-28 (F) QAX-29 (F/C)



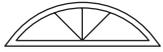
QAX-30 (F/C) QAX-31 (F/C) QAX-32 (F/C) QAX-33 (F/C) QAX-34 (F/C) QAX-35 (F/C) QAX-36 (F/C) QAX-37 (F/C) QAX-38 (F/C)

Grid Designs for Standard Architectural Shapes

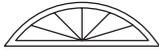
F= Flat Metal C= Contoured Metal FD= Flat Decralite CD= Contoured Decralite

EB- Eyebrow* (Please see notes on page 1)

*There is no EB-1, EB-4 or EB-5



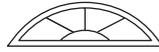
EB-2 (F/C)



EB-3 (F/C)



EB-6 with taco (F/C)

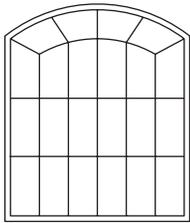


EB-7 (F/CD)

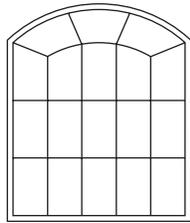


EB-8 (F/CD)

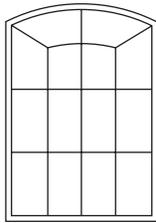
EBX- Eyebrow with Extended Legs (Please see notes on page 1)



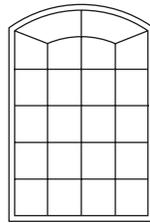
EBX-1 (F/CD)



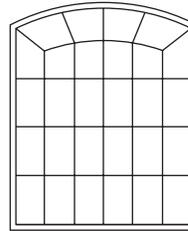
EBX-2 (F/CD)



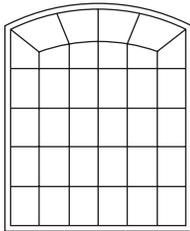
EBX-3 (F/CD)



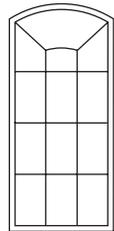
EBX-4 (F/CD)



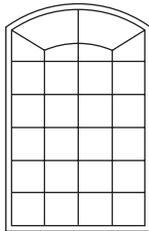
EBX-5 (F/CD)



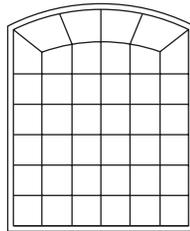
EBX-6 (F/CD)



EBX-7 (F/CD)



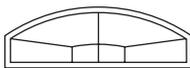
EBX-8 (F/CD)



EBX-9 (F/CD)

All EBX units:

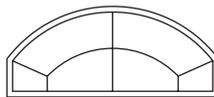
The size of the unit will determine if the grids are entirely Decralite or Decralite on the top portion with metal on the bottom portion.



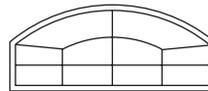
EBX-10 (F/CD)



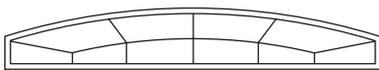
EBX-11 (F/CD)



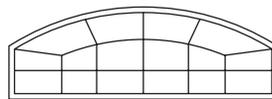
EBX-12 (F/CD)



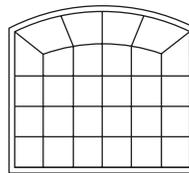
EBX-13 (F/CD)



EBX-14 (F/CD)



EBX-15 (F/CD)



EBX-16 (F/CD)

EP- Ellipse (Please see notes on page 1)



EP-1 (F/C)



EP-2 (F/CD)



EP-3 (F/CD)



EP-4 (F/CD)



EP-5 (F/CD)

All EP units:

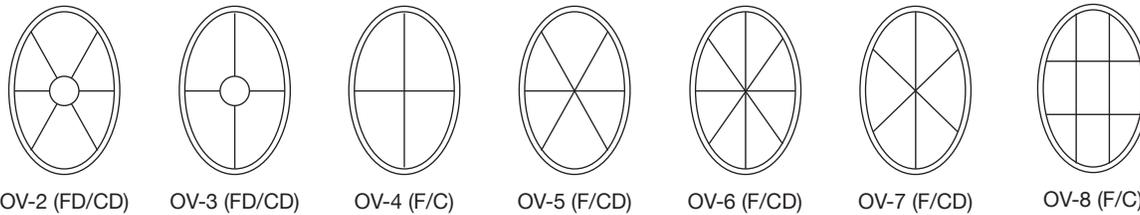
When grid patterns are ordered in Decralite, the hubs are true ellipses.

Grid Designs for Standard Architectural Shapes

F= Flat Metal C= Contoured Metal FD= Flat Decalite CD= Contoured Decalite

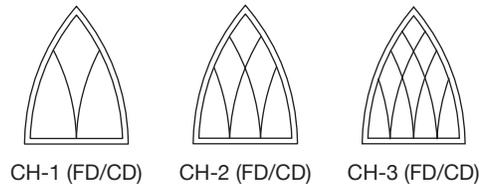
OV- Oval* (Please see notes on page 1)

*There is no OV-1

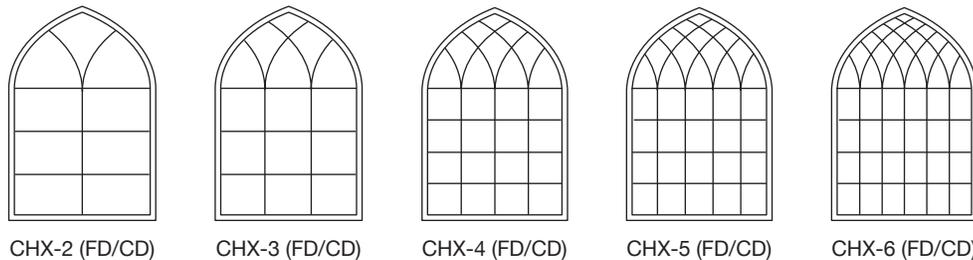


All OV units:
When grid patterns are ordered in Decalite, center circles will be true ovals.

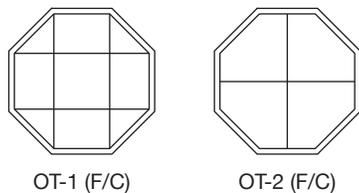
CH- Cathedral (Please see notes on page 1)



CHX- Cathedral with Extended Legs (Please see notes on page 1)



OT- Octagon (Please see notes on page 1)



Simulated Divided Lites (SDL) Profiles

MI	ST	PT	EX	OG	FA	KI
Thickness						
.04"	.125"	.125"	.125"	.1875"	.375"	.375"
.125"	.1875"	.1875"	.1875"	.25"		
.1875"	.25"	.25"	.25"			
.25"						

Please note: Profile drawings are not to scale



Open Up Your Space, Add Light
Series 2050 and Series 2050i Garden Windows

Series 2050 Garden Window



The **Series 2050** standard garden window has an outstanding reputation for its distinctive design and excellent performance.

- AAMA certified DP-50 (R-50) rating for units 60.5 x 60.5 inches and smaller (Although units of a larger size do not have the same R-50 "Coastal Rating," they still provide all of the features and options of the smaller sizes).
- Fully welded, rigid PVC frame for greater strength and stability.
- The center mullion contains aluminum and steel reinforcements.
- Vinyl frame will not chip, rot or peel and will never need to be painted.
- Clear 1-inch insulated glass package.
- Top slope insulating glass (a constant 35-degree pitch) is tempered for improved safety and unit integrity.
- The projection of the window from the exterior wall face is a constant 17 inches.
- Knee brace supports are not needed.

Beautify Your Home

Open up any space in your home with a garden window and create a beautiful setting for your plants, collectibles or decorations. It could be the perfect finishing touch for your kitchen, bath or den make-over, remodeling project or new home.

The fully screened twin sealing side vents open a full 90 degrees to allow those warm breezes in on a sunny day. The multi-point locking system keeps out the cold and provides a tighter seal for added security.

The standard **Series 2050** garden window has an outstanding reputation for its distinctive design and excellent performance.

*The new **Series 2050i** is the only impact-rated vinyl garden window on the market today.* It continues the tradition of superior engineering and reliability established by our Series 2050.

This innovative product was tested by Intertek/ Architectural Testing and is certified to meet an ASTM Design Pressure of 50, Missile Impact Level D and Windzone 3 (Test report # D4389.01 501-44). It also has received Florida Building Code Approval (FL 17444).

Sized at 63 x 63 inches, the window was tested according to:

- 1) ASTM 1886-05, Standard Test Method for Performance of Exterior Windows by Missile(s) and Exposed to Cyclic Pressure Differentials, and
- 2) ASTM E1996-12, Standard Specifications for Performance of Exterior Windows Impacted by Windborne Debris in Hurricanes.

All of the features, benefits and options of our standard garden window Series 2050 are provided in this new impact-rated unit.

The only visible difference between the Series 2050 and the 2050i is the thickness of the front mullion.

Each window is custom-made to your specifications and shipped completely assembled, ready to install.

Series 2050i Impact-Rated Garden Window



The **Series 2050i** is the only impact-rated vinyl garden window on the market today. It continues the tradition of superior engineering and reliability established by our Series 2050.

- The aluminum-reinforced center mullion is wider and thicker for extra strength.
- All IGs with .090 laminated glass.
- Custodial lock on both casements.
- Maximum size is 63 x 63 inches.
- Knee brace supports are required and are provided with each order.
- Fully welded, rigid PVC frame for greater strength and stability.
- Vinyl frame will not chip, rot or peel and will never need to be painted.
- Clear 1-inch insulated glass package.
- The top slope is a constant 35-degree pitch.
- The projection of the window from the exterior wall face is a constant 17 inches.

Other features remain the same as the Series 2050:

Colors and Options

- Standard frame colors are White and Tan. Other colors are available by special order, including: Champagne or Cocoa exterior with a White interior or White exterior with a Light Oak interior.
- Also available as a special order option is our color match system which allows the window to be painted to match your color sample.
- Head board, seat board, jamb and edge banding are available in Birch or Oak veneer and White or Tan Pionite (HPL). Special order interior options include, Light Oak, Dark Oak or Cherry (HPL)
- Windows with a Birch or Oak interior can be provided pre-stained with a variety of Minwax® stains, and sealed.
- An acrylic solid surface seat board is available in Arctic White and decorator colors: Almond, Vanilla Sugar, Platinum Granite, Black Pearl or White Quartz.
- As shown in the window on the front cover: Interior LED lighting that is cool to the touch (hard wired only).
- The optional "Bullnose Edging and Interior Trim Kit" provides pre-cut casing and valance.

Frame Colors



Head Board, Seat Board and Jamb Colors



Acrylic Solid Surface Seat Board Colors



Please Note:
The color samples shown here are reproduced by mechanical process and may vary from actual colors of the product. Please contact your sales representative for samples before ordering.
HPL = High Pressure Laminate

Bullnose Edging and Interior Trim



Frame Color Samples



White (Series 2050 Standard)



White (Series 2050i Impact-Rated)



Tan (Series 2050 Standard)



Cocoa (Series 2050i Impact-Rated)



Champagne (Series 2050 Standard)



Custom Paint (Series 2050i Impact-Rated)

More Details



More Structural Features

- ▶ Both vents and deadlites have a built-in weep system and external glazing.
- ▶ A structural silicone is used to glaze the top slope and vertical deadlite portions of the unit.
- ▶ Snap-in sill cover for seat board provides aesthetic appeal and weather resistance.
- ▶ Exterior grade plywood head board, seat board and jamb are 1-1/4-inch for improved structural and thermal performance.
- ▶ Engineered for new construction and remodeling applications.
- ▶ Standard garden window jamb depths of 4-9/16, 5-1/4, 6-9/16, and 11 inches are available as well as custom jamb depths to fit any application.



Operating Sash

- ▶ Locks and operators are conveniently mounted to the inside front area for easy access.
- ▶ Operators are sealed to prevent air and water infiltration.
- ▶ Twin sealing, fully screened, operating casements with external glazing for improved weather protection.
- ▶ The *FlexScreen* screens have a high performance spring steel frame that is captured in the screen track and can be easily removed from inside the home. You will no longer see a screen frame and will gain more viewing area through the glass.
- ▶ The multi-point locking system provides a tighter seal and additional security.



More Options

- ▶ Glass options include high performance Low-E and v-groove, along with a variety of grid designs.
- ▶ **Highly recommended:** Insulation board with an "R" value of 5 can be installed under the seat board to increase the "R" value to 6.22. This 1-inch thick lightweight rigid material is 100 percent waterproof. **Note: Insulation board is required for all painted units.**
- ▶ One or more adjustable glass shelves with polished edges, brackets and standards. Depending upon the width of the unit, the glass thickness will be either 3/8-inch or 1/2-inch.



Please Note:

The data mentioned in this document is current at the time of printing. Since publication, some changes may have occurred. Please check with your sales representative before purchasing.

Also Available: Series 2051 Stucco Replacement Garden Window

Designed specifically for stucco remodeling applications, the Series 2051 garden window installs like a new construction window. It incorporates aluminum nail flanges for mounting directly to the outside of the existing window framing (knee braces are required for support). The sill flange can be mounted prior to window placement which aids installation of the unit. A major advantage of this design is that there is no disruption to the interior wall treatment. Ask your sales representative for more information.



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