



CUSTOMGLASSPRODUCTS

If you can draw it,  
we can make it.

## **Residential**Product Line

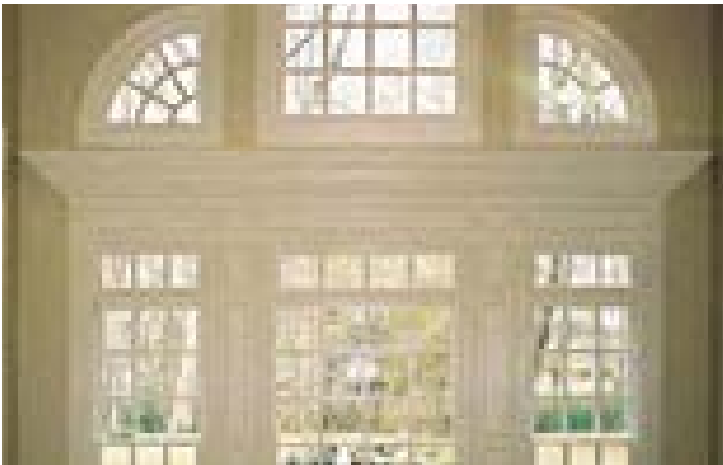


**Windows & Doors** Grids & Components

# Table of Contents

CGP Introduction	4
Market Overview - Residential	5
Decralite SDL Overview	6
Decralite GBG Overview	16
Decralite Insulating Glass	22
Door Inserts Overview	30
Window Services Overview	36
Appendix - Residential Shapes	41
Contact Us	50

Add a touch of class to any window or door – in every shape, profile, color and option.



Click the subject that interests you, to go directly to that page.

# CGP Introduction

Windows make the room. We add class to windows and doors – in every shape, profile, color and option.



CGP started in 1971, changing the industry with new patents and unlimited customization. If you're sourcing *Made in the USA* door and window components, CGP really does have it all. And, if you don't see what you're looking for, just ask us.

"If you can draw it, we can make it."

Here are 9 reasons why you should choose CGP:

## Get in touch with us

Custom Glass Products  
1475 Harrison Road  
P.O Box 2049  
Salisbury, NC 28144  
704-638-2299  
704-638-2666 fax  
orders@cgpglass.com



- Your total outsourcing window & door component partner ...** Our Culture of Now gives you immediate and live sales support, ENOME (electronic nomenclature) and JIT delivery - for a seamless, transparent and easy business relationship.
- Industry's most comprehensive offering of shapes, profiles, colors and options ...** We are wide and deep i.e. if you can draw it, we can make it.
- Customized services for color and profile matching, artistic design and engineering support ...** From single components to large turn-key projects, we can help you every step of the way.
- Inventors and owners of three (3) patents for Decralite grid products...** We create, design and produce Decralite to save you time, labor, energy and money.
- Specialists in patented processes ...** Our employees are cross-trained on the fast production of specialty grids & windows for architectural shapes and special customization.
- Scalable proprietary equipment for one-of-a-kind or volume orders ...** Our two facilities include redundant support, to ensure you have what you need when you need it.
- Our manufacturing process is environmentally friendly ...** Everything we manufacture is recyclable, including grids, glass and frames.
- Well connected to your industry...** As a leader in glass and specialty shapes, we have long-standing relationships with reputable suppliers and vendors.
- Made in the USA ...** Custom Glass Products has been American owned since its founding in 1971.

# Market Overview - Residential


Components for every residential application

## Markets & Drivers

<b>Homeowner</b>	replacement and repair
<b>Architect</b>	curb appeal & historical renovation
<b>Builder</b>	differentiation and curb appeal
<b>Distributor</b>	easy access and value add
<b>Manufacturing</b>	flexibility & dependability



## Products & Advantages

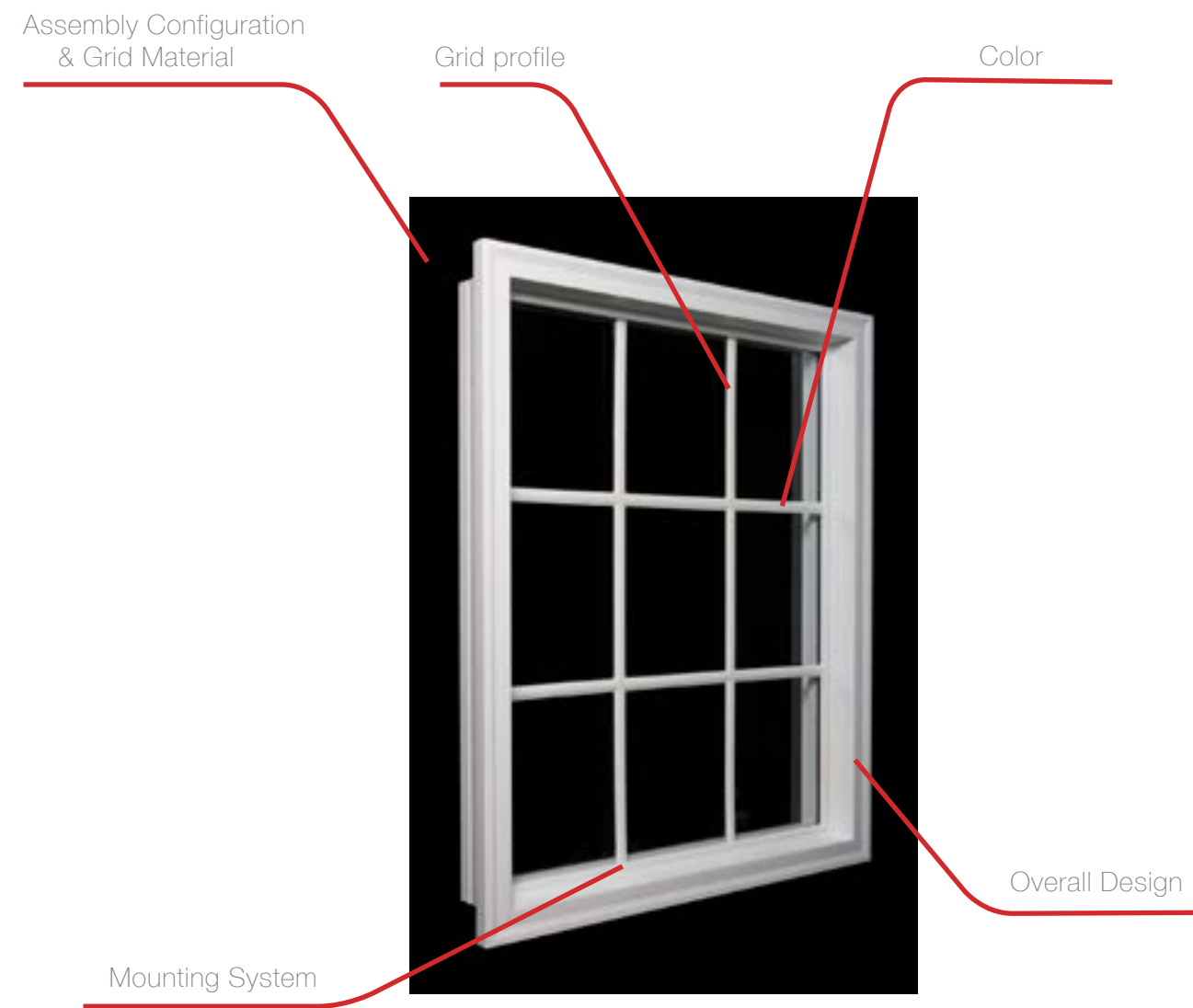
<b>Decralite® SDL</b>	Now you can get the look of true divided light with an externally attached grid. Unlimited shapes, colors and profiles are available in standard and customized options. Works well for all windows and doors on any size project.	
<b>Decralite® GBG</b>	Get the look of divided light with an internally attached grid. Unlimited shapes, colors and profiles are available in standard and customized options. Works well for all windows and doors on any size project.	
<b>Insulating Glass</b>	Lower your energy consumption with the right type of glass designed specifically for your location. Choose from a comprehensive offering of colors, sizes and shapes. We make insulated glass for any climate or creative design.	
<b>Door Inserts</b>	Choose from unlimited glass, grid, and color options, for new and replacement door inserts. Available with Decralite SDL or GBG grids, for front and rear entry, steel and fiberglass doors.	
<b>Window Services</b>	For window manufacturers, let's create a customized program to fit your requirements. As an industry leader, our patented processes are scalable and focused on fast production of complex architectural shapes. We're your total outsource partner.	



# Decralite® SDL Overview

## The Industry Leader In SDL Solutions

Patented Decralite® SDL (Simulated Divided Lite) grilles provide the look of TDL (True Divided Lite) windows at a much lower cost. Decralite® is the industry leader in providing SDL solutions for the window industry and remodeling trade. We offer a wide variety of standard profiles, and our in-house tooling makes custom profiles a breeze.



# Decralite® SDL

## Selection Process Steps

Choose:

**1.** Assembly Configuration  
& Grid Material

**2.** Grid Profile



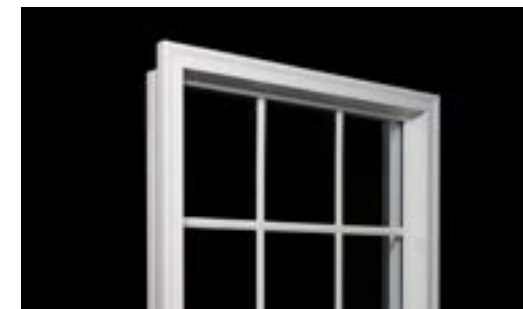
**3.** Color



**4.** Mounting System




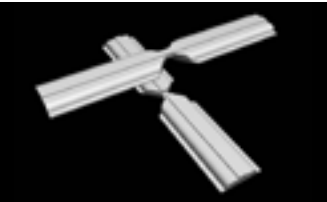
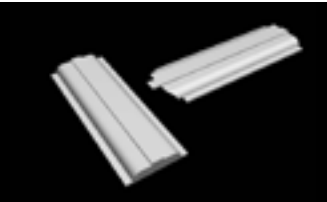
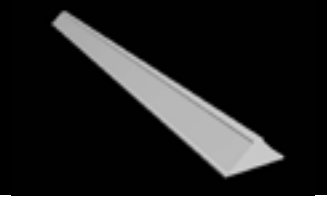
**5.** Overall Design



# Decralite® SDL

## Selection Process #1 of 5 Choose Assembly Configuration

### Assembly Configuration Selection

Assembly Configuration	Decralite®	Aluminum	Wood	Assembly Line Drawing
<b>One Piece</b> Finished Grid – Ready to install	yes	no	no	
<b>Cut &amp; Notched</b> All components – Unassembled & shipped flat	yes	no	yes	
<b>Coped</b> All individual components – Unassembled & shipped flat	yes	yes	yes	
<b>Lineal Bars</b> 8' Individual Bars – Unassembled, shipped flat and uncut	yes	yes	yes	



We thought about his tomorrow.  
That's why we use only recyclable  
grids, glass and frames.


# Decralite® SDL

Selection Process #2 of 5  
Choose Grid Profile










## SDL Profile Selection

Call CGP to discuss our unlimited custom profiles

Type	SDL Grid Profile	Typical Profile Photo
Decralite®	Flat	
	OG	
	PT	
	ST	
	MI	
	KI	
	EX	
	FA	
	RC	

Decralite®	AL	
	CG	
	XL	
Aluminum	Flat	
	Tube	
	OG	
	AD	
Wood	OG	

## Check Rail Profile Selection













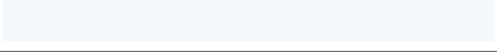
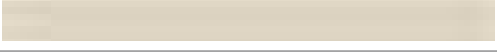



Type	Check Rail Grid Profile	Typical Profile Photo
Decralite®	Flat	
	OG	
	PT	
	MI	
	TD	
	TR	
	TL	
	WX	
Aluminum	Flat	

# Decralite® SDL

Selection Process #3 of 5  
Choose Color

## SDL Profile Selection

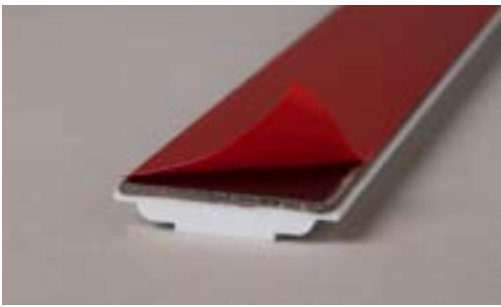


Call CGP to discuss our color matching services and unlimited custom colors

Type	SDL Grid Color	Color Photo
Decralite®	Flat White 9313	
	Gloss White 8166	
	Tan 1315	
	Beige 1395	
	Sand 1171	
	Dark Bronze 0260	
	Chocolate 0864	
	Black 0244	
	Forest Green 0659	
	Red 0532	
	Light Oak 4145	
	Mahogany 4124	
Aluminum	White	
	Tan	
	Bronze	
	Black	
Wood	Natural	

# Decralite® SDL

Selection Process #4 of 5  
Choose Mounting System

## SDL Mounting System


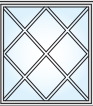


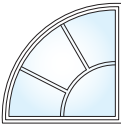

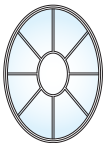
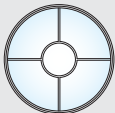
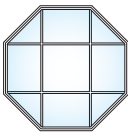
Mounting System	Function	Mounting Photo
Tape	Very High Bond, Clean Sight Lines	
Silicone	Ease of Installation, Lower Cost Application	
Dual Lock	For Removable Grids, Stronger than clips, Lower Cost	

# Decralite® SDL

## Selection Process #5 of 5 Choose Overall Design

### SDL Grid Design

Call CGP to discuss our  
unlimited overall designs.

Typical Design*	Typical Sample	Appendix Page (click for more designs)
Rectangles 6L		page 41
Diamonds 12- D		page 42
Half Rounds HR-8		page 43
Eyebrows EH-3		page 44
Quarter Rounds QR-4		page 45
Ellipticals EL-34		page 46
Ovals OV-5		page 47
Circles CL-4		page 48
Octagons OC-1		page 49



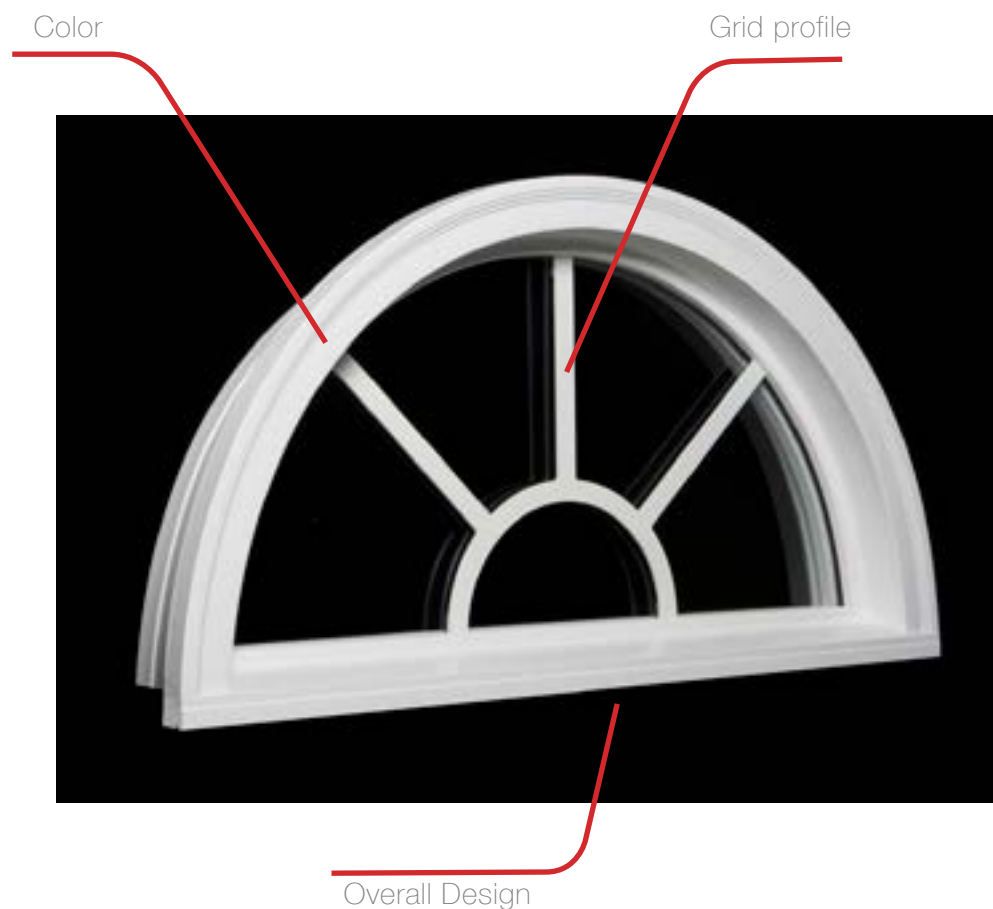
We can make it a “one-of-a-kind” or  
“one-of-100-patented-kind” – We’re  
that flexible.



## Decralite® GBG Overview

### The Perfect Choice For Between-the-Glass Grids

Decralite® is the perfect choice for between-the-glass grids. Many homeowners prefer grids between the glass, as it provides beauty with maintenance-free characteristics. Decralite® is available in colonial or contoured profiles, custom color and two-tone. We provide most the common design elements; however, if you have another need, let us know. If you can draw your idea for us, we can make it for you!



Note: Compatible with all insulating glass

## Decralite® GBG

### Selection Process Steps

Choose:

#### 1. Grid Profile



#### 2. Color



#### 3. Overall Design

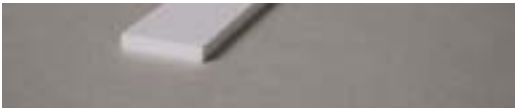

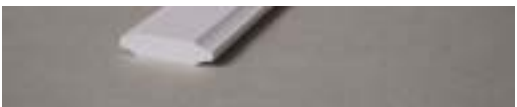
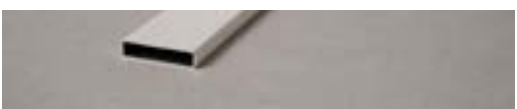




# Decralite® GBG

Selection Process #1 of 3  
Choose Grid Profile

## GBG Profile Selection

CGP grid profiles are compatible with all insulating glass.












Type	GBG Grid Profile	Typical Profile Photo
Decralite®	Flat	
	Contour "A"	
	Contour "B"	
Aluminum	Flat	
	11/16" Contour	
	1" Contour	

# Decralite® GBG

Selection Process #2 of 3  
Choose Color

## GBG Color Selection

Call CGP to discuss our color matching services and unlimited custom colors.



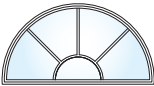

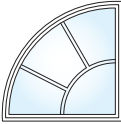

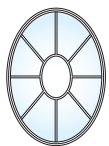
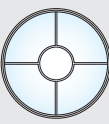
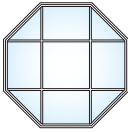
Name	GBG Grid Color	Profile
Decralite® GBG & Aluminum	Standard White 0019	
	Bright White 0018	
	Beige 0020	
	Adobe 0045	
	Sandalwood 0040	
	Chamapagne 0137	
	Chocolate 0120	
	Bronze 0096	
	Black 0038	
	Forest Green 0063	
	Red 0064	

# Decralite® GBG

Selection Process #3 of 3  
Choose Overall Design

## GBG Grid Design

Call CGP to discuss  
unlimited overall design options.

Typical Design*	Typical Sample	Appendix Page (click for more designs)
Rectangles 6L		page 41
Diamonds 12- D		page 42
Half Rounds HR-8		page 43
Eyebrows EH-3		page 44
Quarter Rounds QR-4		page 45
Ellipticals EL-34		page 46
Ovals OV-5		page 47
Circles CL-4		page 48
Octagons OC-1		page 49

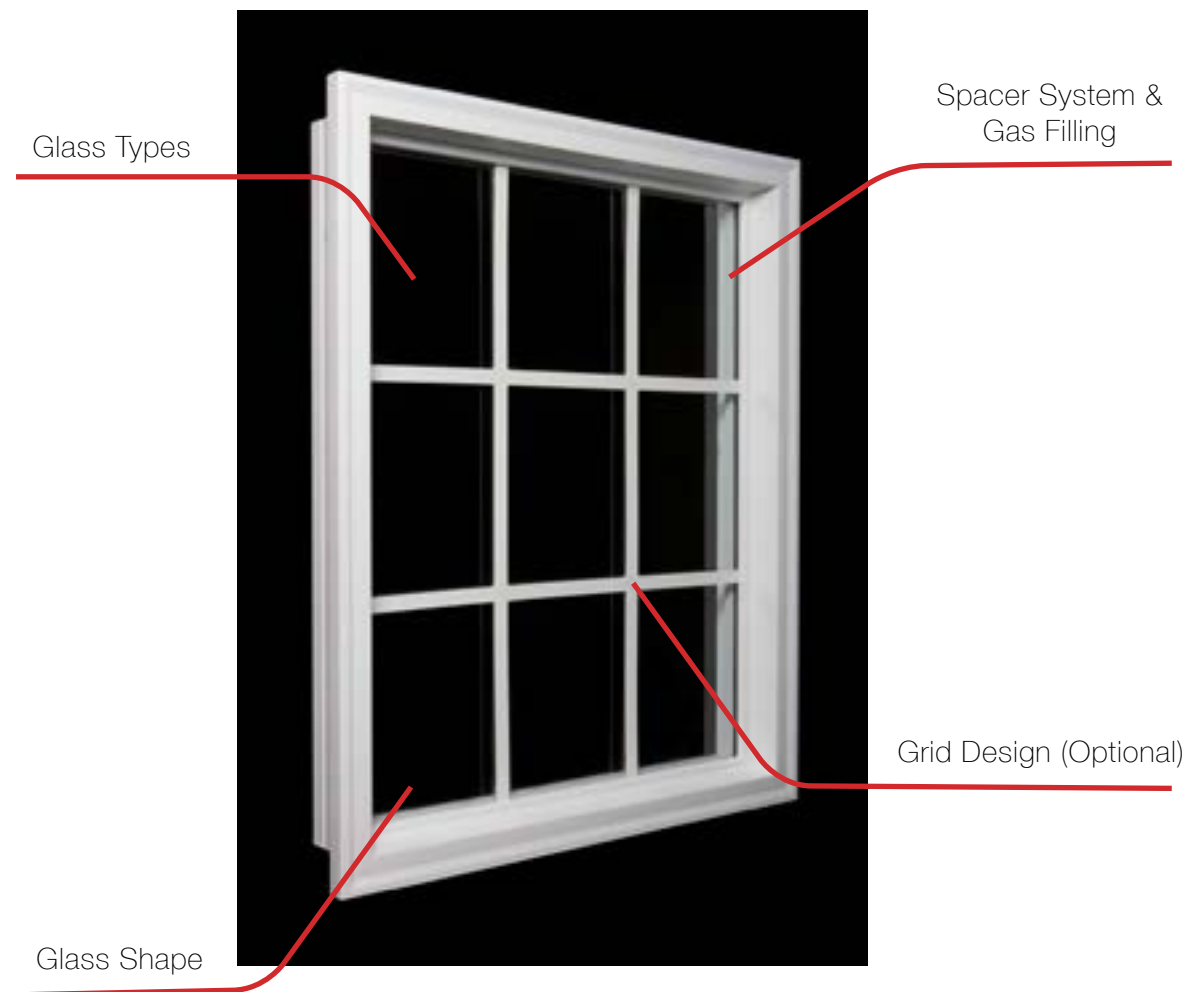


We understand that you might need it  
ASAP – That’s why we have a culture  
of NOW that gives you immediate and  
live sales support.

# Decralite® Insulating Glass Overview

## The Latest In High-Performance Glass Options

Custom Glass Products offers the latest in high-performance glass options, including Low-e, argon-filled, double-glazed, triple-glazed, and R-5. As a pioneer in the industry, we have been making insulating glass for over 40 years. From custom shapes to other types of specialty glass, Custom Glass Products has a solution to meet any need.



# Insulating Glass

## Selection Process Steps

Choose:

### 1. Glass Types



### 2. Spacer System & Gas Filling



### 3. Glass Shape



### 4. Grid Design (Optional)



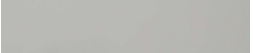
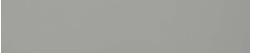
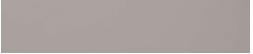

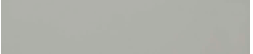




# Insulating Glass







## Selection Process #1 of 4 Choose Glass Types

### Glass Type Selection

Note: Call CGP to discuss other available glass types

Application	Glass Type	Features/Benefits	SHGC*	R-Value w/ Argon	Typical Photo
Energy	Clear	clearest, low cost	0.76	2.08	
	Bronze	provides shading, reduces light, pleasant color	0.63	2.08	
	Gray	provides shading, reduces light, pleasant color	0.63	2.08	
	Low-E HC	clearer appearance, improved energy performance, blocks UV	0.71	3.22	
	Low-E 272	clear appearance, solid performance, blocks UV	0.41	4.00	
	Low-E 240	provides shading, good for high sunlight areas, blocks UV	0.25	3.85	
	Low-E 366	best performing overall, works well in any climate, slight tinted appearance, blocks UV	0.27	4.17	

\* Solar Heat Gain Coefficient




Application	Glass Type	Features/Benefits	Opaque Measurement*	Typical Photo
Pattern	62	lowest cost pattern glass, highly obscure, consistent pattern	9	
	Rain	moderately priced, variable pattern, clear wet appearance	8	
	Water	Moderately priced, water wave pattern	6	
	Glue Chip	snow flake appearance, frosted look	7	
	Frosted	solid frosted look, no pattern, very opaque	9	
	Antique Seedy	mimics "old" glass, used for historical renovation, contains imperfections	3	

\* Range: Closer to 1 is clearer. Closer to 10 is less transparent and more opaque.

# Insulating Glass

## Selection Process #2 of 4 Choose Spacer System

### Spacer System Selection

Spacer System	Features/ Benefits	Condensation Resistance	IGU Factor	Typical Photo
Aluminum	time tested, architecturally preferred, strong, can be colored	19.3	0.329	
Duraseal®	improved condensation resistance, "warmer edge temps", works well for shapes	35	0.29	
Super Spacer	lowest edge condensation, warmest edge temp, improved sound absorption	44.9	0.277	















higher  
is better
















lower  
is better

# Insulating Glass

Selection Process #3 of 4  
Choose Glass Shape

## Glass Shape Selection



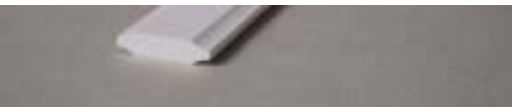



Glass Shape Name	Shape Drawing
Rectangle	
Half Round	
Extended Half Round	
Eyebrow	
Half Eyebrow	
Extended Eyebrow	
Extended Half Eyebrow	
Quarter Round	
Extended Quarter Round	
Elliptical	
Half Elliptical	
Extended Elliptical	
Ellipse	
Oval	

Octagon	
Extended Octagon	
Circle	
Trapezoid	
Pentagon	
Parallel	
Triangle	
Isosceles Triangle	
Dual Arch	
Half Dual Arch	
Segmented Dual Arch	
Segmented Quarter Round	
Cathedral	
Extended Cathedral	
Hexagon	

# Insulating Glass

Selection Process #4a of 4  
Choose Grid Profile

## Insulating Glass Grid Profile Selection Compatible with all insulating glass





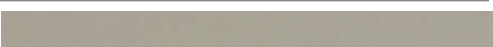
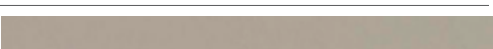


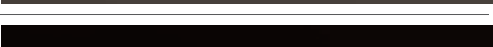


Type	Insulating Glass Grid Profile	Typical Sample
Decralite®	Flat	
	Contour "A"	
	Contour "B"	
Aluminum	Flat	
	11/16" Contour	
	1" Contour	

# Insulating Glass

Options - Selection Process #4b of 4  
Choose Color

## Insulating Glass Grid Color Selection

Call CGP to discuss unlimited custom colors & matching services.


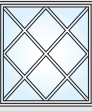




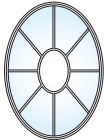
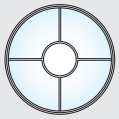
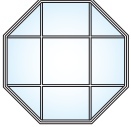
Name	Insulating Glass Grid Color	Profile
Decralite® & Aluminum	Standard White 0019	
	Bright White 0018	
	Beige 0020	
	Adobe 0045	
	Sandalwood 0040	
	Chamapagne 0137	
	Chocolate 0120	
	Bronze 0096	
	Black 0038	
	Forest Green 0063	
	Red 0064	

# Insulating Glass

Options - Selection Process #4c of 4  
Choose Overall Design

## Insulating Glass Grid Design

Call CGP to discuss unlimited overall design options.

Typical Design*	Typical Sample	Appendix Page (click for more designs)
Rectangles 6L		page 41
Diamonds 12- D		page 42
Half Rounds HR-8		page 43
Eyebrows EH-3		page 44
Quarter Rounds QR-4		page 45
Ellipticals EL-34		page 46
Ovals OV-5		page 47
Circles CL-4		page 48
Octagons OC-1		page 49

# Door Inserts Overview

Created to Last a Lifetime

Designed And  
Manufactured To Last A  
Lifetime

All Styles, Shapes &  
Designs — Customized

Our door inserts are designed and manufactured to last a lifetime. They combine beautiful European design with construction that will not deteriorate. Each easy-to-install kit comes complete with screws and plugs, pre-finished color and two-tone. If you choose SDL, our system comes with SDL already applied. We offer many standard sizes, as well as custom sizes and shapes. A wide variety of glass options and unlimited grid options are available for GBG and SDL applications. Upon request, kits are manufactured to match up with the window system used by the builder.



# Door Inserts

Selection Process Steps

Choose:

**1.** Glass Size (Includes Frame)



**2.** Glass Type



**3.** Grid Type (Optional)



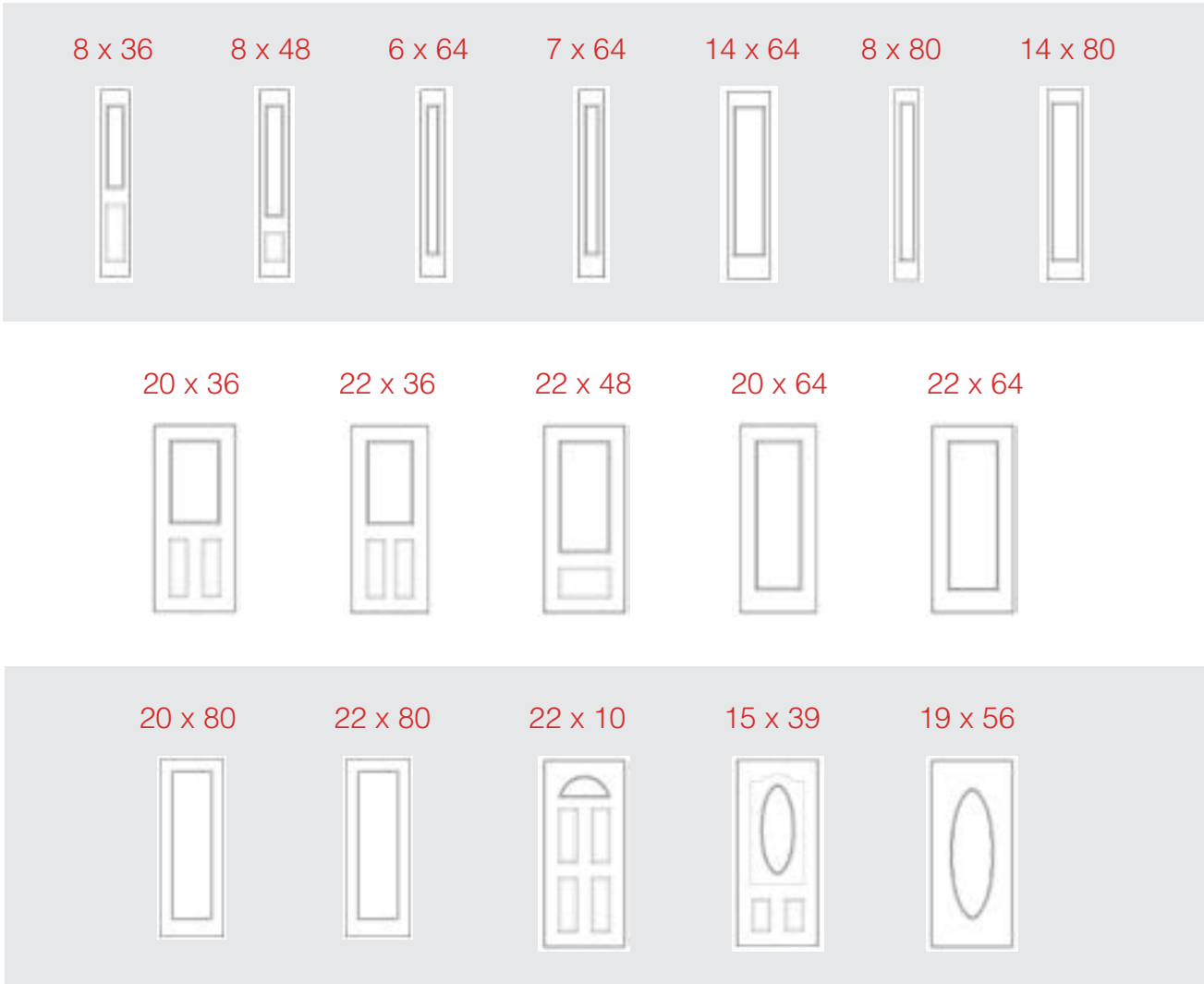


# Door Inserts

## Selection Process #1 of 3 Choose Glass Insert Size

### Glass Size Selection

Glass size includes frame. Call CGP to discuss unlimited custom sizes and shapes.



# Door Inserts

## Selection Process #2 of 3 Choose Glass Type

### Glass Type Selection

Call CGP to discuss other available glass types.

Application	Glass Type	Features/Benefits	SHGC*	R-Value w/ Argon	Typical Photo
Energy	Clear	clearest, low cost	0.76	2.08	
	Bronze	provides shading, reduces light, pleasant color	0.63	2.08	
	Gray	provides shading, reduces light, pleasant color	0.63	2.08	
	Low-E HC	clearer appearance, improved energy performance, blocks UV	0.71	3.22	
	Low-E 272	clear appearance, solid performance, blocks UV	0.41	4.00	
	Low-E 270	good performance, low-e with slight shading	0.37	4.00	
	Low-E 240	provides shading, good for high sunlight areas, blocks UV	0.25	3.85	
	Low-E 366	best performing overall, works well in any climate, slight tinted appearance, blocks UV	0.27	4.17	

\* Solar Heat Gain Coefficient

Application	Glass Type	Features/Benefits	Opaque Measurement*	Typical Photo
Pattern	62	lowest cost pattern glass, highly obscure, consistent pattern	9	
	Rain	moderately priced, variable pattern, clear wet appearance	8	
	Water	moderately priced, water wave pattern	6	
	Glue Chip	snow flake appearance, frosted look	7	
	Frosted	solid frosted look, no pattern, very opaque	9	
	Antique Seedy	mimics "old" glass, used for historical renovation, contains imperfections	3	

\* Range: Closer to 1 is clearer. Closer to 10 is less transparent and more opaque.

# Door Inserts

## Selection Process #3 of 3 Choose Grid Type

Print out this form to help you choose between  
Decralite® SDL OR Decralite® GBG

### Decralite® SDL

Choose	Page	Enter Your Choice Below
Assembly Configuration	8	
Grid Profile	10	
Color	12	
Mounting System	13	
Overall Design	14	

### Decralite® GBG

Choose	Page	Enter Your Choice Below
Grid Profile	18	
Color	19	
Overall Design	20	

Call CGP to discuss unlimited grid types. This step is optional.

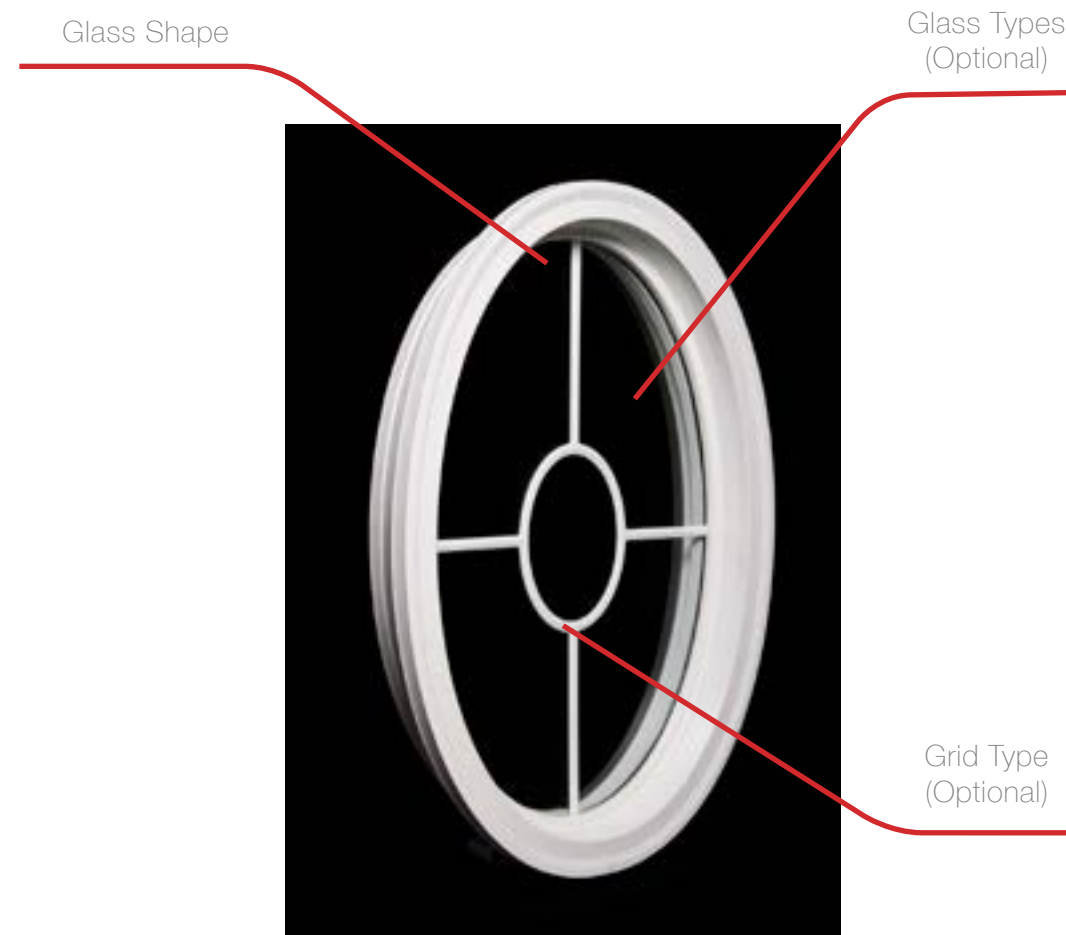


When it's the window, rather than the view outside, that catches your eye – you know we are the portal to your imagination in custom glass.

# Window Services Overview

Pick your level of outsourced support

For OEM accounts, we offer a service that simplifies architectural shapes. We are extremely proficient with architectural shapes, and therefore, many companies elect to outsource their demand for these products to us. We produce and ship with short lead times.



# Window Services

Selection Process Steps

Choose:

**1.** Glass Shape  
(Includes frame)



**2.** Glass Type (Optional)



**3.** Grid Type (Optional)

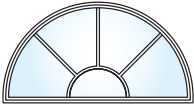

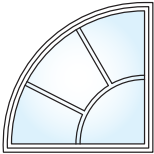

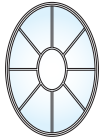
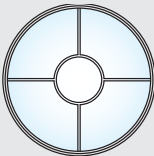
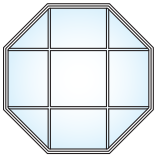


# Window Services

## Selection Process #1 of 3 Choose Glass Shape

### Glass Shape Selection

Call CGP to discuss unlimited custom glass sizes and shapes.

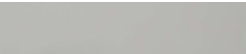






Glass Shape Name	Typical Sample
Half Rounds HR-8	
Eyebrows EH-3	
Quarter Rounds QR-4	
Ellipticals EL-34	
Ovals OV-5	
Circles CL-4	
Octagons OC-1	

# Window Services







## Selection Process #2 of 3 Choose Glass Type (optional)

### Glass Type Selection

Call CGP to discuss other available glass types. This step is optional.

Application	Glass Type	Features/Benefits	SHGC*	R-Value w/ Argon	Typical Photo
Energy	Clear	clearest, low cost	0.76	2.08	
	Bronze	provides shading, reduces light, pleasant color	0.63	2.08	
	Gray	provides shading, reduces light, pleasant color	0.63	2.08	
	Low-E HC	clearer appearance, improved energy performance, blocks UV	0.71	3.22	
	Low-E 272	clear appearance, solid performance, blocks UV	0.41	4.00	
	Low-E 240	provides shading, good for high sunlight areas, blocks UV	0.25	3.85	
	Low-E 366	best performing overall, works well in any climate, slight tinted appearance, blocks UV	0.27	4.17	

\* Solar Heat Gain Coefficient

Application	Glass Type	Features/Benefits	Opaque Measurement*	Typical Photo
Pattern	62	lowest cost pattern glass, highly obscure, consistent pattern	9	
	Rain	moderately priced, variable pattern, clear wet appearance	8	
	Water	moderately priced, water wave pattern	6	
	Glue Chip	snow flake appearance, frosted look	7	
	Frosted	solid frosted look, no pattern, very opaque	9	
	Antique Seedy	mimics "old" glass, used for historical renovation, contains imperfections	3	

\* Range: Closer to 1 is clearer. Closer to 10 is less transparent and more opaque.



# Window Services

Optional - Selection Process #3 of 3

Choose Grid Type (optional)

Print out this form to help you choose between  
Decralite® SDL OR Decralite® GBG

## Decralite® SDL

Choose	Page	Enter Your Choice Below
Assembly Configuration	8	
Grid Profile	10	
Color	12	
Mounting System	13	
Overall Design	14	


## Decralite® GBG

Choose	Page	Enter Your Choice Below
Grid Profile	18	
Color	19	
Overall Design	20	

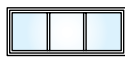
Call CGP to discuss unlimited grid types. This step is optional.

# Appendix - Residential Shapes


## Rectangles



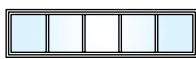
2L



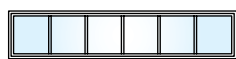
3L




4L




5L




6L




2L




4L




6L




8L



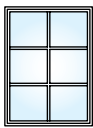
10L



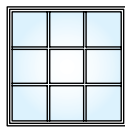
12L



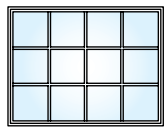
3L



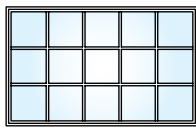
6L



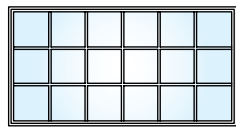
9L




12L




15L



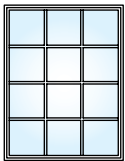
18L



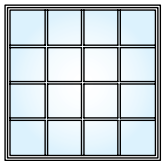
4L



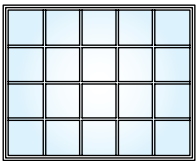
8L



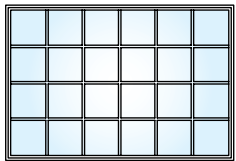
12L




16L



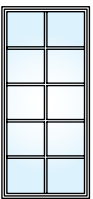
20L




24L



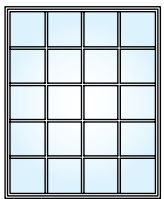
5L



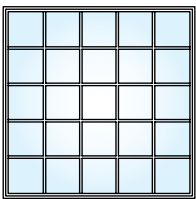
10L



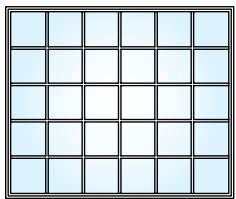
15L




20L




25L



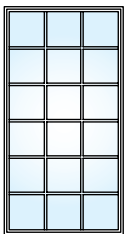
30L



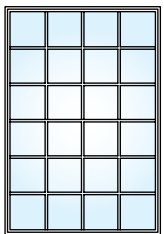
6L



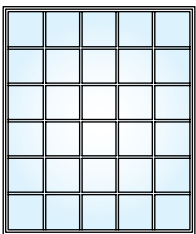
12L



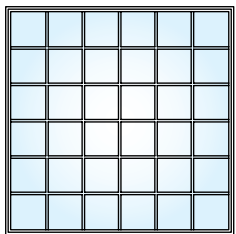
18L



24L



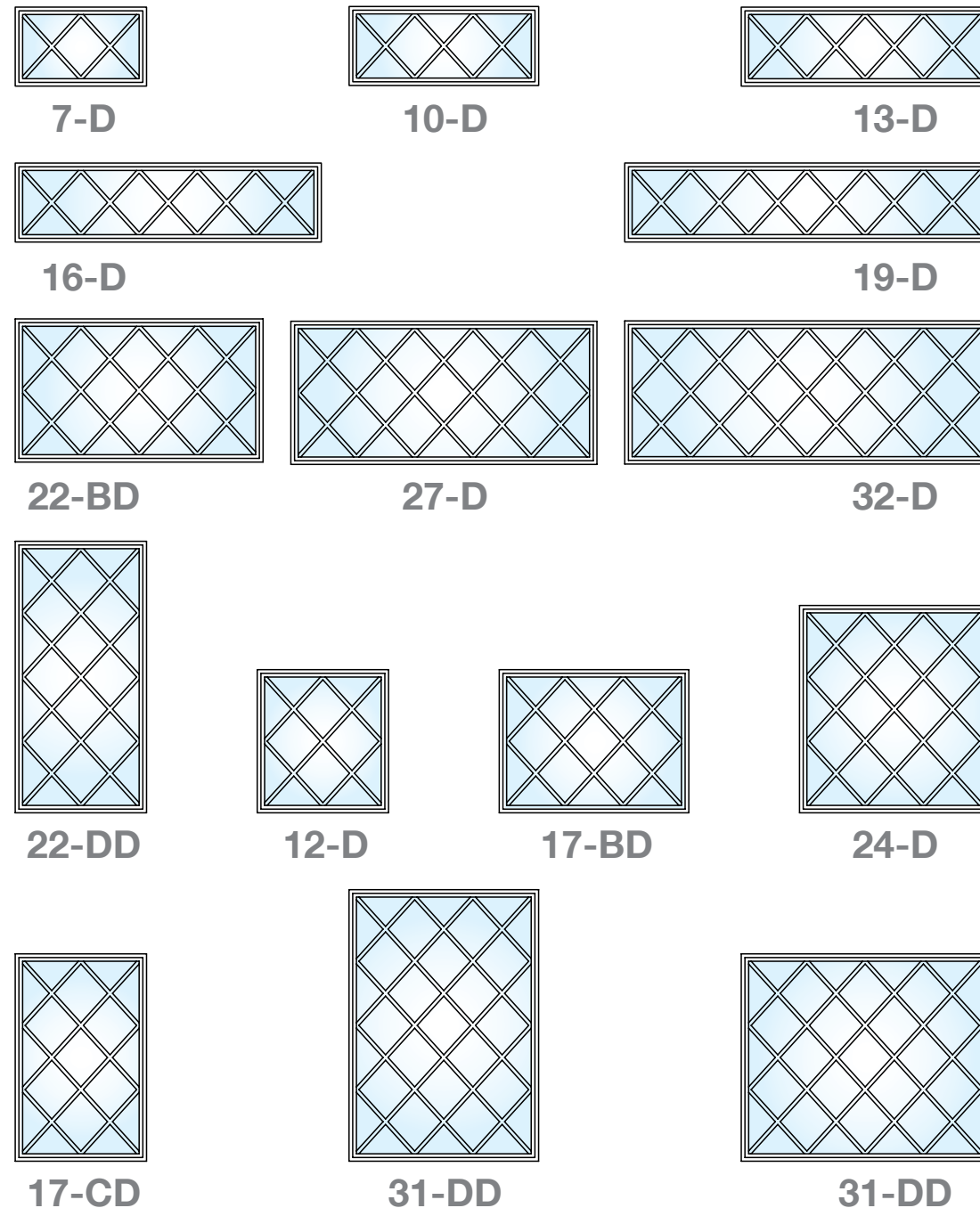
30L



36L

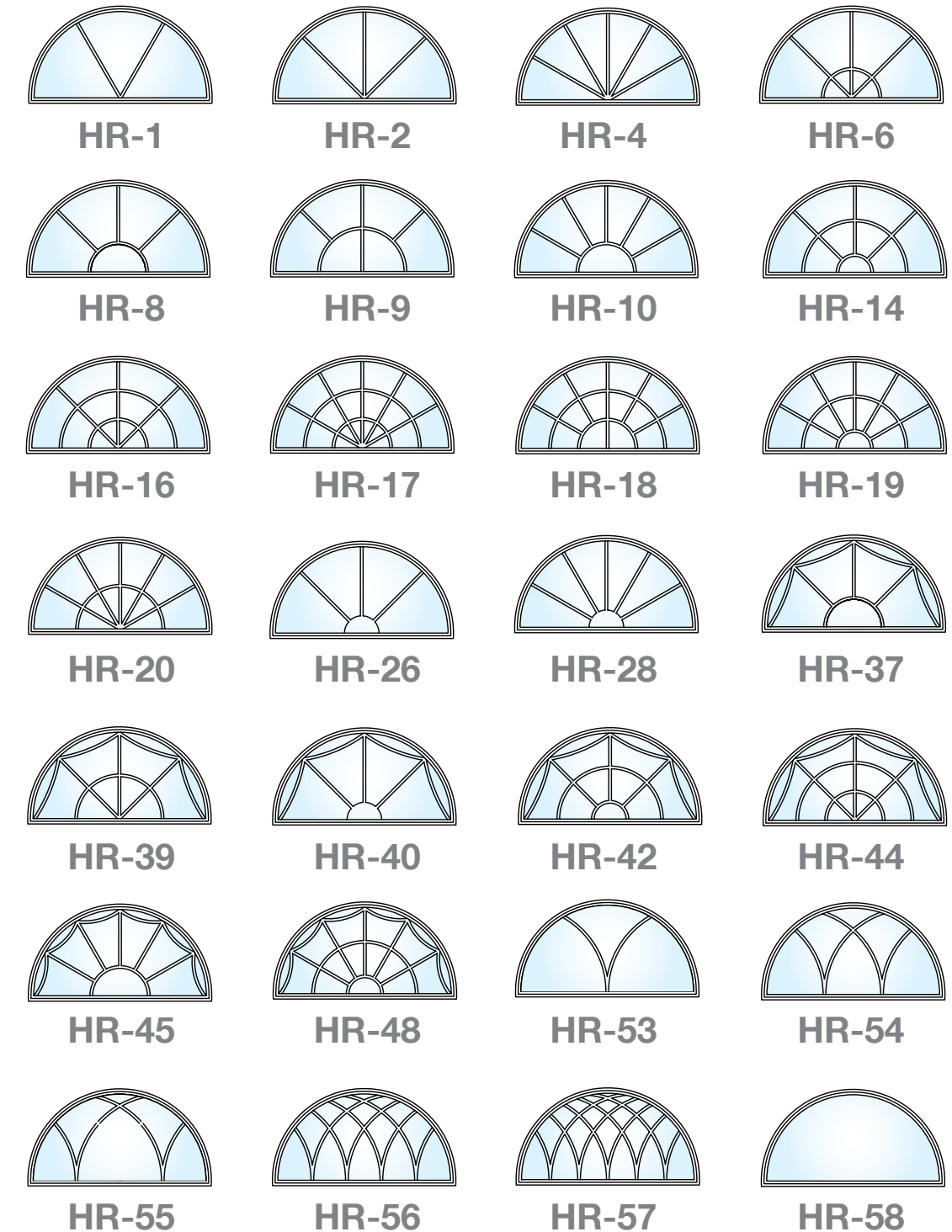
## Appendix - Residential Shapes

### Diamonds



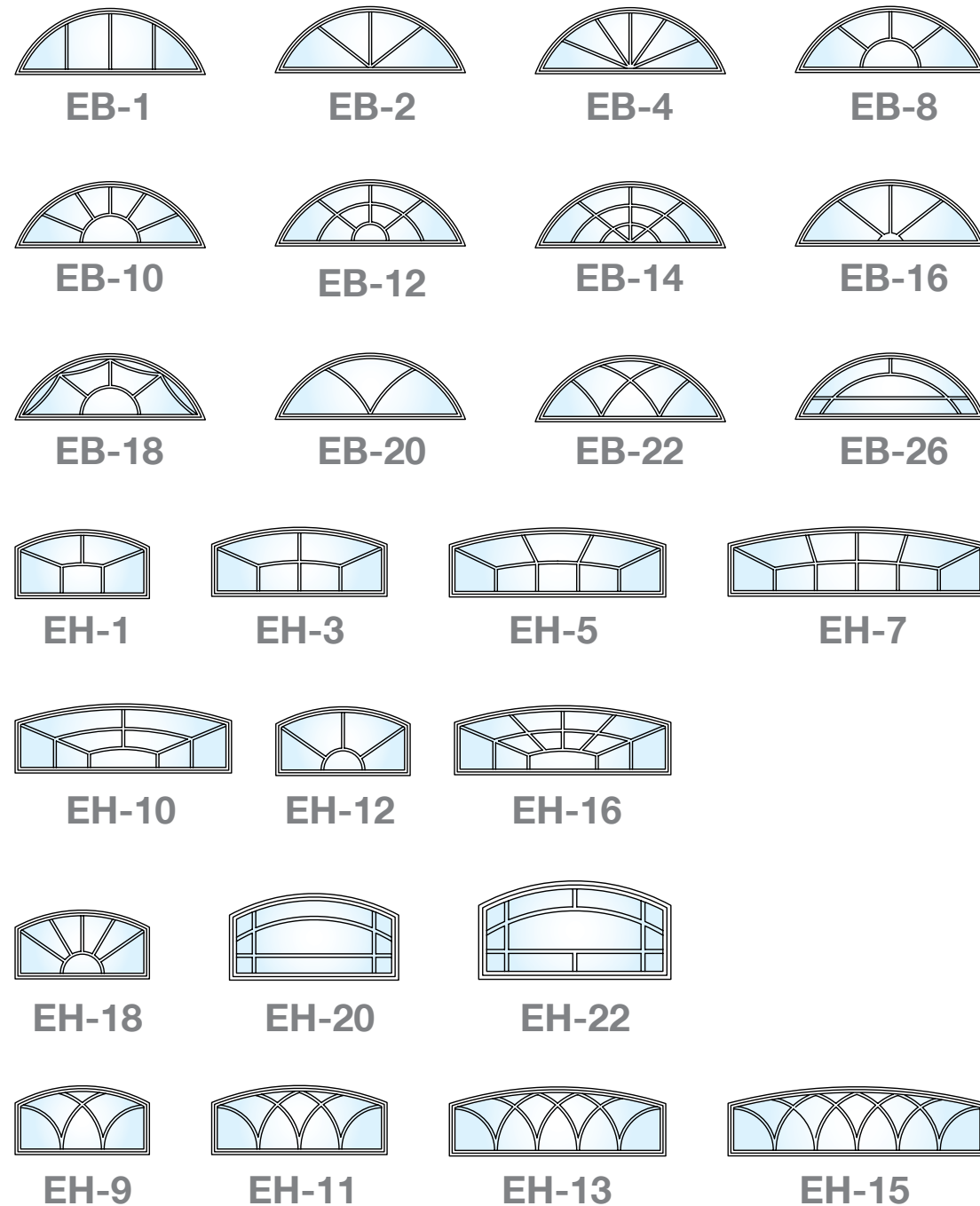
## Appendix - Residential Shapes

### Half Rounds



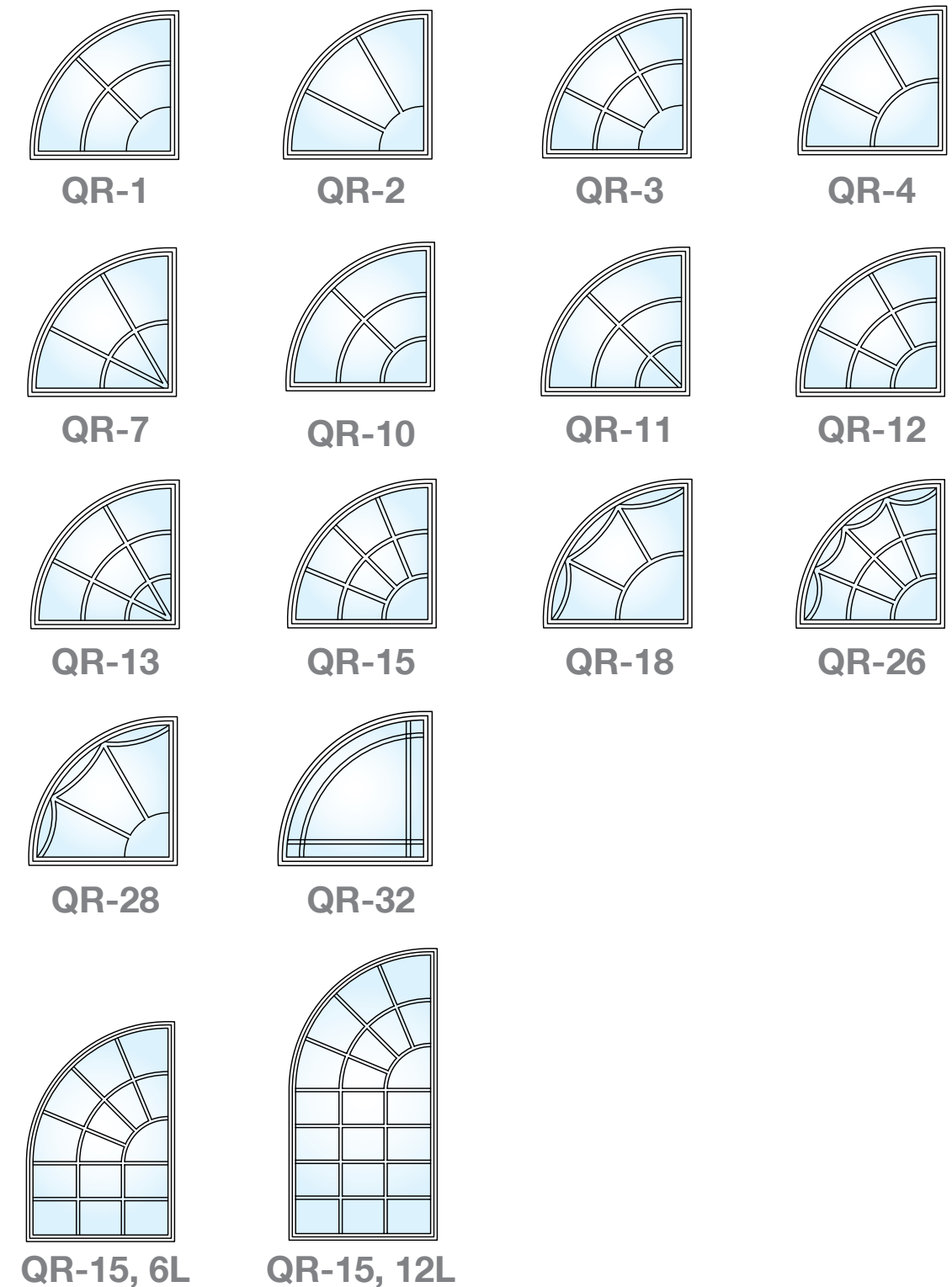
## Appendix - Residential Shapes

### Eyebrows



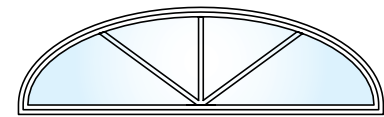
## Appendix - Residential Shapes

### Quarter Rounds

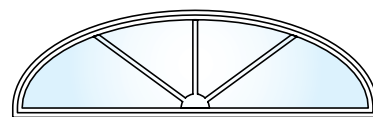


## Appendix - Residential Shapes

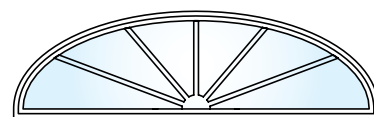
### Ellipticals



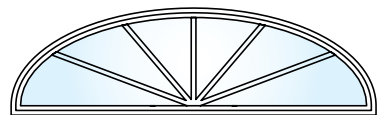
EL-1



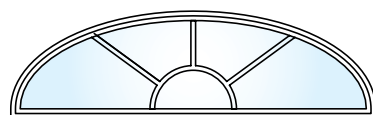
EL-2



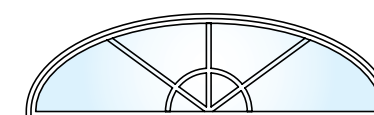
EL-3



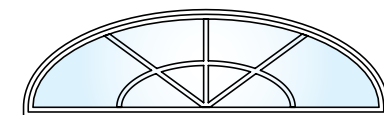
EL-4



EL-5



EL-6



EL-8



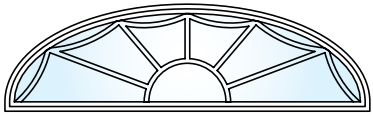
EL-9



EL-11



EL-13



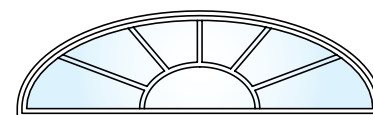
EL-25



EL-27



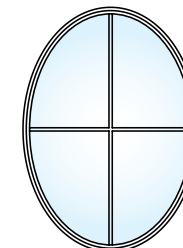
EL-33



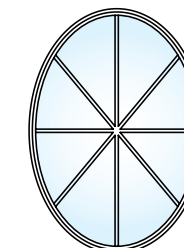
EL-34

## Appendix - Residential Shapes

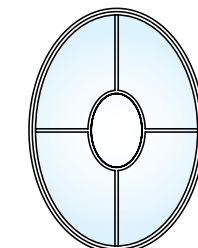
### Ovals



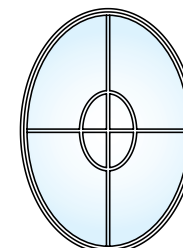
OV-1



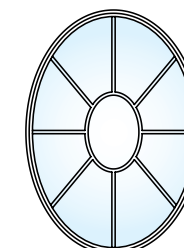
OV-2



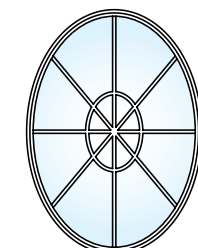
OV-3



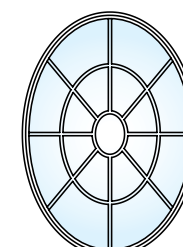
OV-4



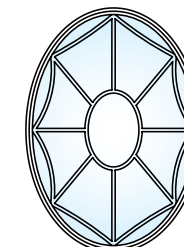
OV-5



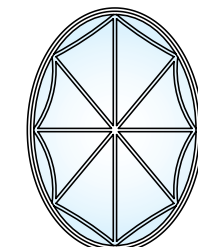
OV-8



OV-9



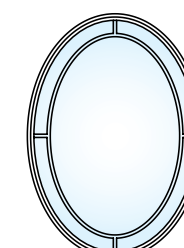
OV-11



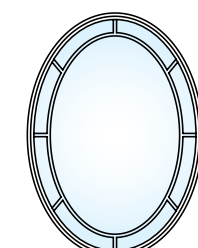
OV-15



OV-16



OV-19

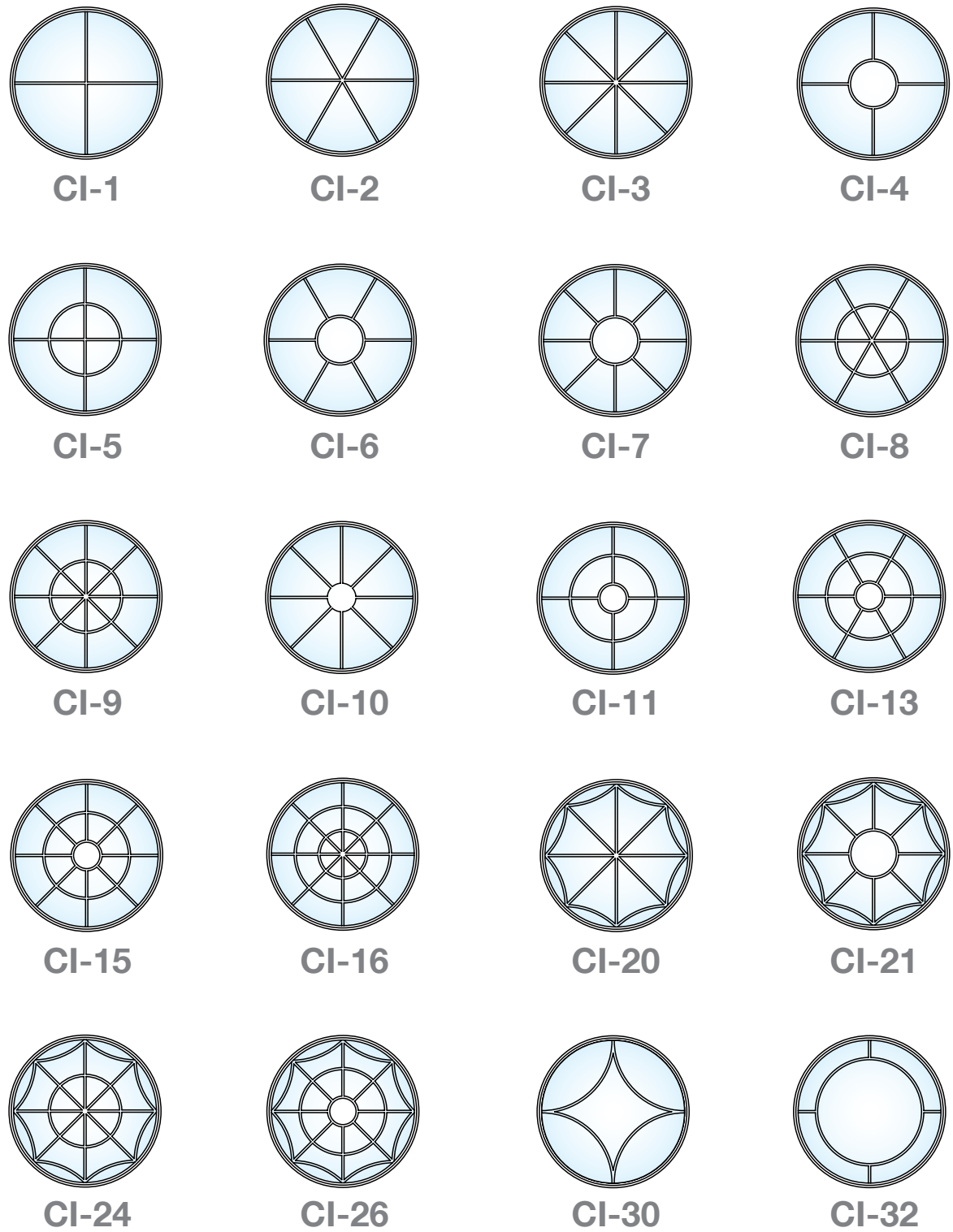


OV-20



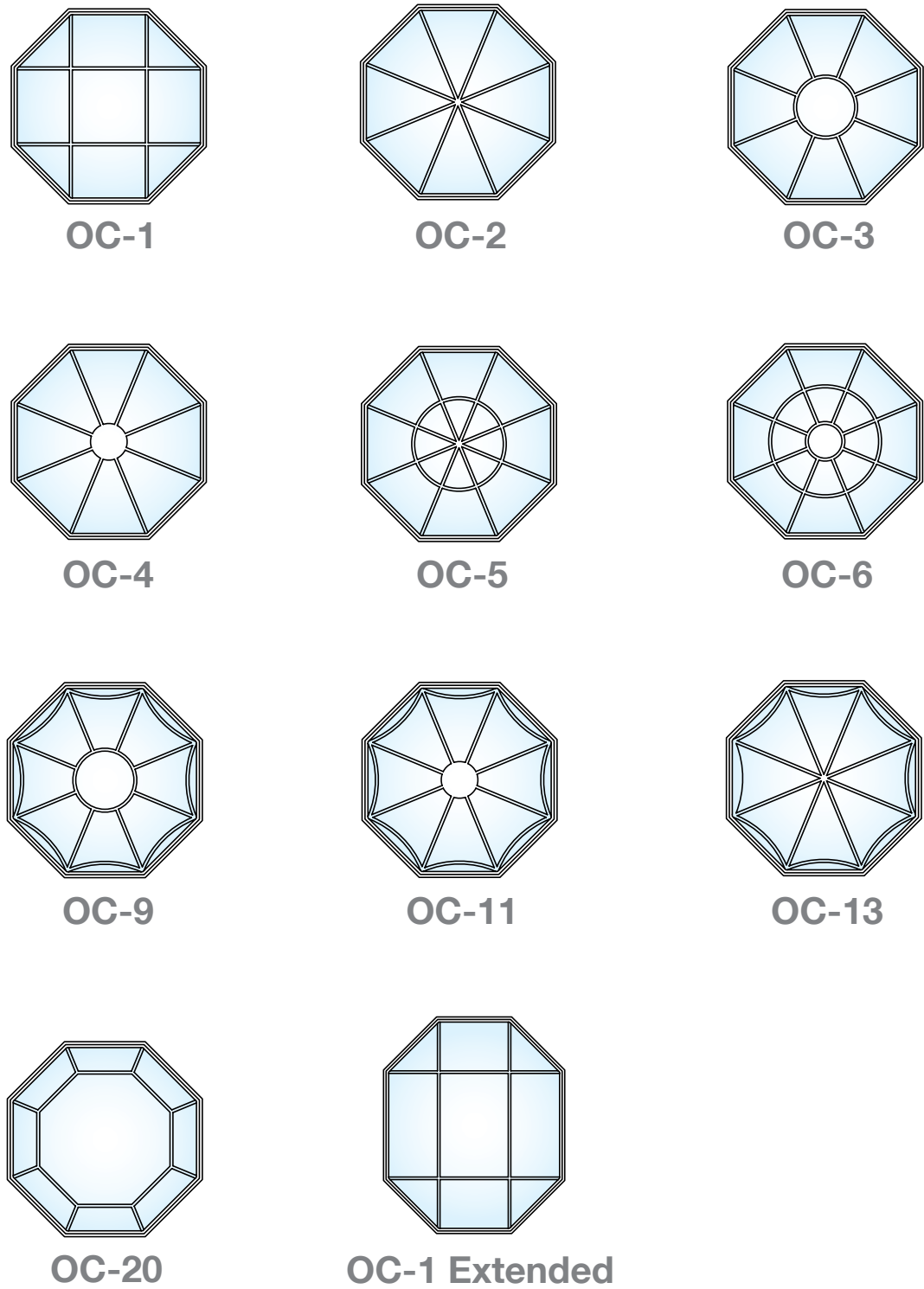
# Appendix - Residential Shapes

## Circles



# Appendix - Residential Shapes

## Octagons



# Contact Us

---

Windows make the room. We add class to windows and doors – in every shape, profile, color and option.

## CGP - Custom Glass Products

President: Steve Reeder

E-mail: [sales@cgpglass.com](mailto:sales@cgpglass.com)

Work: (704) 638-2299

Work Fax: (704) 638-2666

P.O. Box 2049

1475 Harrison Rd.

Salisbury, NC 28144 USA

