



NEVER ORDINARY.

DETAILS

Solid Wood Windows and Entrance Systems

www.norwoodwindows.com

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Awards

1. Wildwood Academy. Award of Excellence winner in Oakville Ontario's Urban Design Awards (oakville.ca). Gren Weis Architect and Associates. Photographs courtesy of John Hassard.
2. Greenwood Residence, Award of Distinction winner in Oakville Ontario's Urban Design Awards. ATA Architects Inc. Photograph courtesy of Daniel Dudka.
3. Private residence, Summit, New Jersey. Kapuscinski Luongo Architects. Photograph provided by Hub Willson.





Casings

Building a case for architectural harmony

Norwood products typically have slender, elegantly proportioned casings suitable for many of today's architectural styles. In some cases, various architectural styles are better suited with the appropriate optional Casings, Backbands, Subsills and other trim features like Pediments, Pilasters and Keystones to name a few.

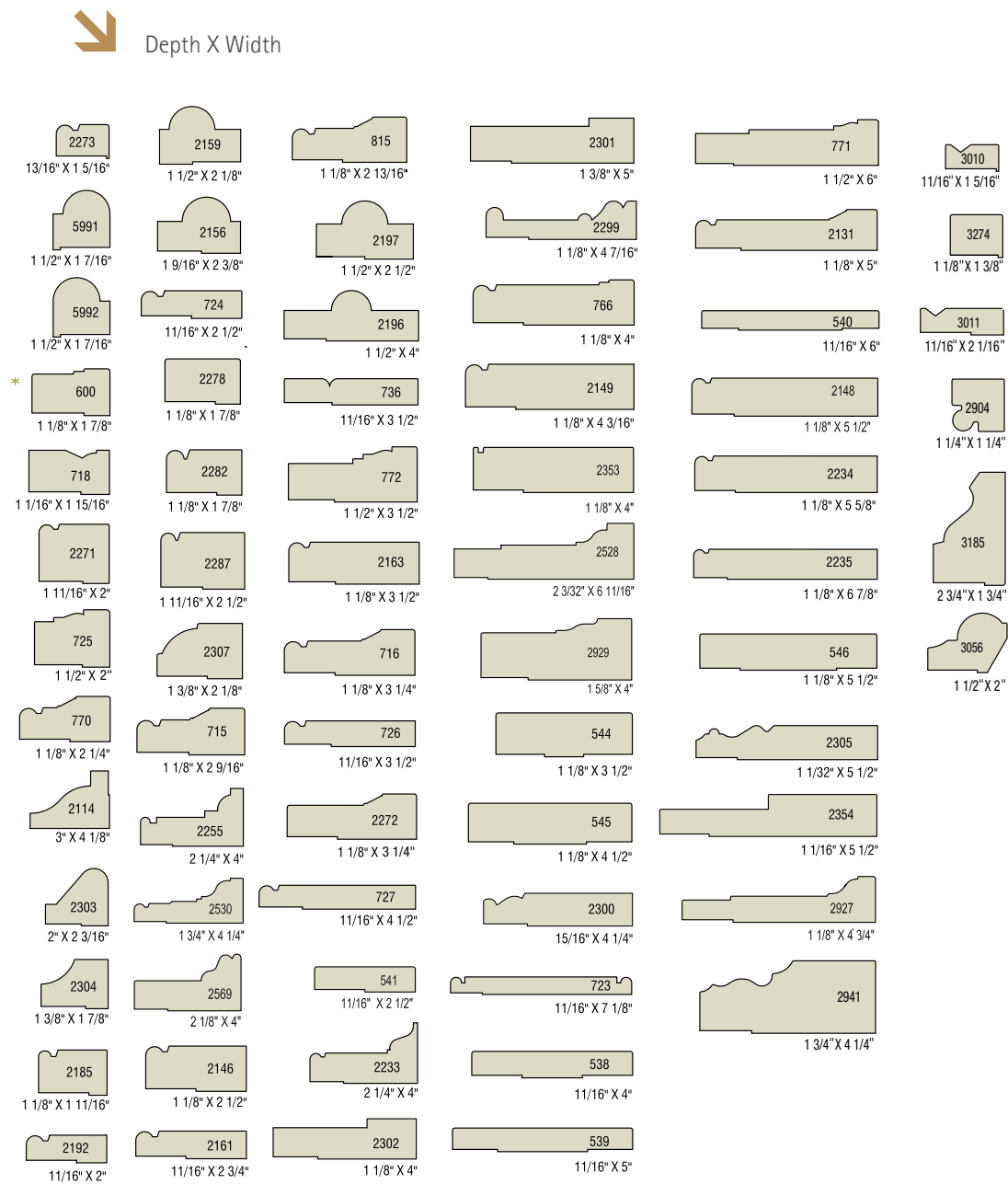
With Norwood, your products arrive completely assembled with all casing and trim elements in place saving you time and expense at the job site. Many of our Casing, Backband and Subsill profiles are shown on pages 6 and 7. Ask your dealer about these classic profiles as well as an invitation to create your own.

Never Ordinary

Norwood celebrates pride of longevity with a 60 year tradition of fine craftsmanship, the roots of which are found deeply entrenched in our Atlantic Canadian way of life. Our family of skilled craftsmen and talented designers are descended from generations of lumbermen, shipbuilders, furniture makers and carvers whose hands knew the character, texture and nuance of wood. These were artisans for whom creating a quality product that endured the test of time and weather was not only a matter of pride, but also the mark of integrity. And this remains our goal today.

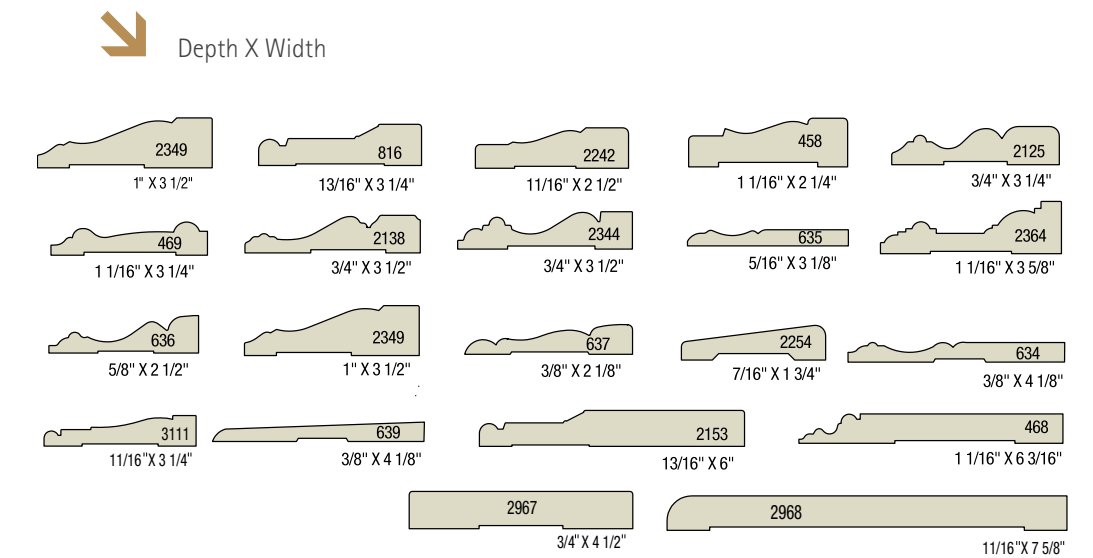


Exterior Casings

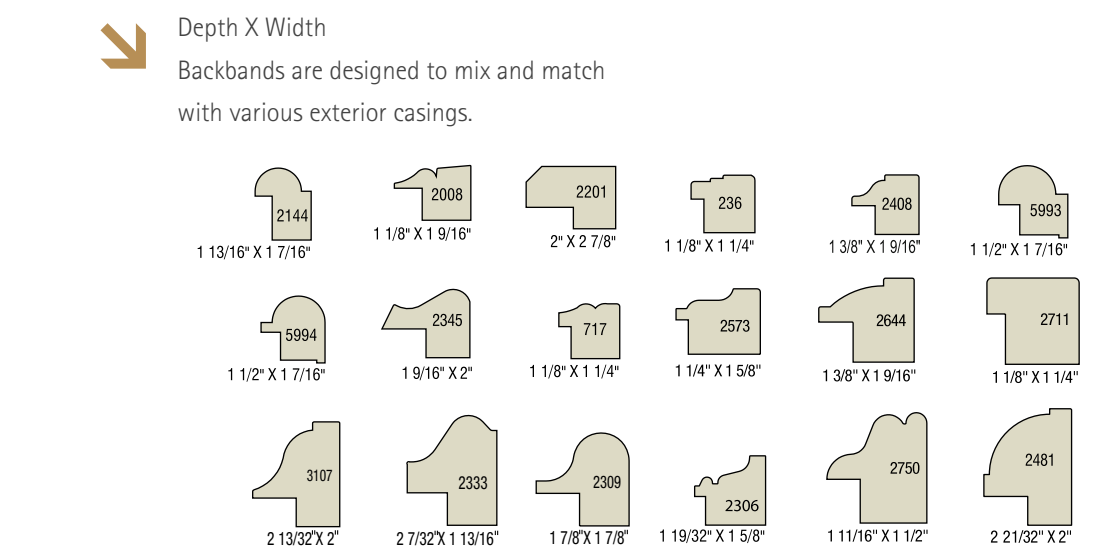


* Standard casing profile

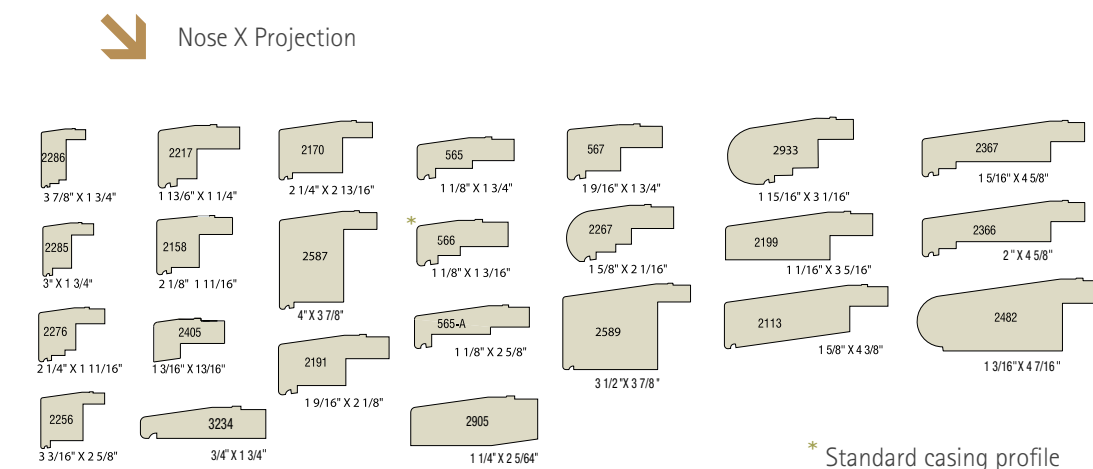
Interior Casings



Backbands

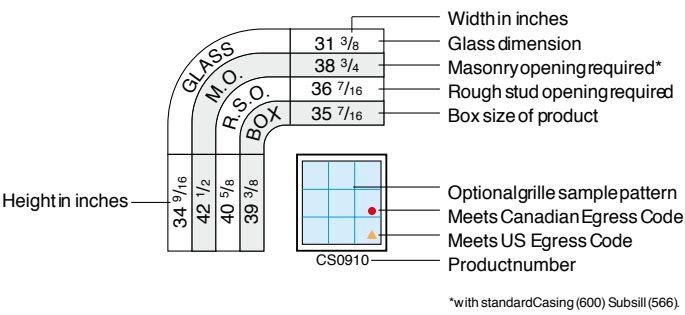


Subsills



* Standard casing profile

How to read the charts



The 'racetrack' around each chart details size information for each product. Use the code numbers below products for ordering. Left or right hinging is designated as if viewing from the exterior. Sample Grille patterns are shown in blue as suggestions only.

Canadian Egress Code

The coloured dots in the corner of some chart windows indicate that these sizes meet the Canadian Egress Code. For emergency escape, each bedroom must have a window with a minimum 15" opening each way and a total opening area of at least 3.8 square feet. In Ontario, every floor level containing bedrooms must be provided with at least one outside window that can be opened from the inside without the use of tools. Total opening area is as per Canadian code.

US Egress Code

The coloured triangles in the corner of some chart windows indicate that these sizes meet the US Egress Code. For emergency escape, each bedroom must have a window with a minimum 20" width and 24" height opening and a total opening area of at least 5.7 square feet. This varies by state, please check local standards.

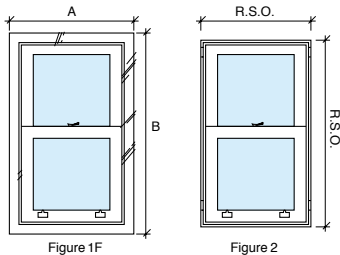
Eye Levels	Standing	Sitting Dining Room	Sitting Living Room
Person 6' 4"	6'0"	4'2"	3'6"
Person 5'0"	4'8"	3'8"	3'2"

Sitelines

Average sitting and standing eye levels should be considered when planning your installations.

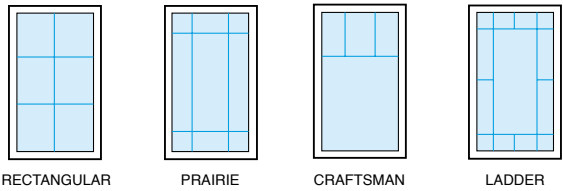
How to measure when replacing a window

For a quotation, measure the interior window casing from edge-to-edge. See Figure 1. (A,B) To place an order, either you or your contractor must remove the window casing. Measure as shown in Figure 2 for the Rough Stud Opening (R.S.O.).



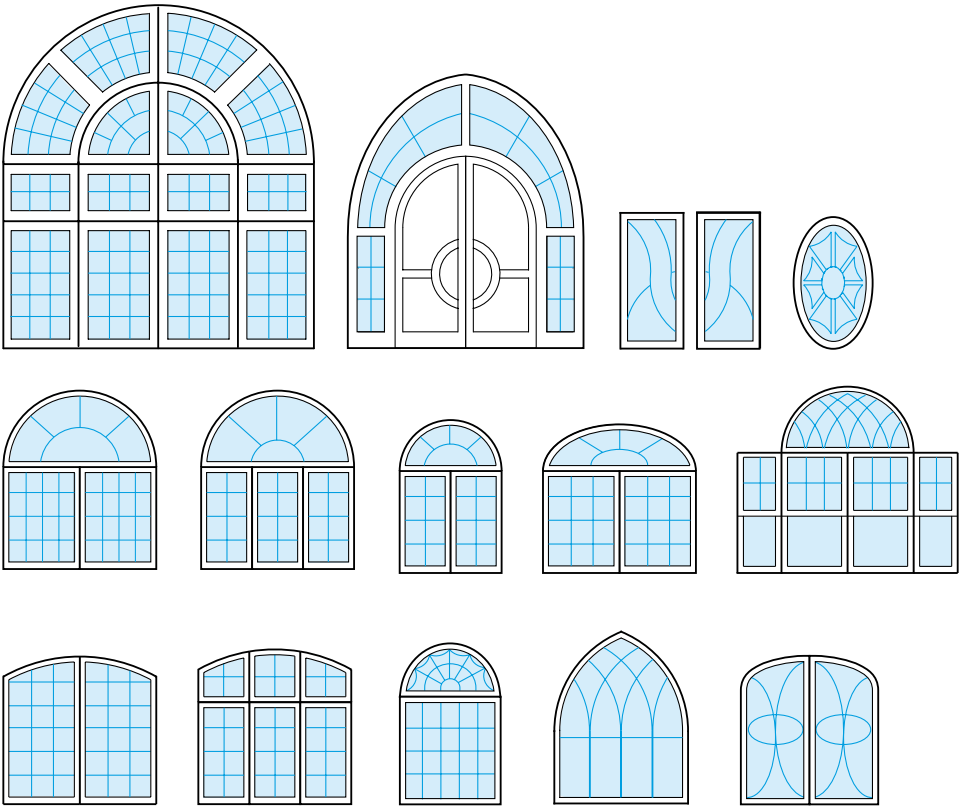
** All Norwood standard product sizes are shown in this section. Custom sizes and shapes are also available. Consult your Norwood dealer for details.

Common grille patterns

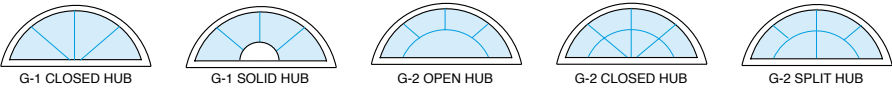


Uncommon grille patterns

Many of the grille patterns we produce are 'never ordinary'. Here are some examples from our factory CAD department that may inspire your own ideas. We're always up for a challenge!



Common grille patterns for Quarter-Rounds and Half-Rounds



GLASS M.O. R.S.O. BOX	17 ¹⁵ / ₁₆	21 ⁷ / ₈	25 ¹³ / ₁₆	29 ³ / ₄	37 ⁵ / ₈	45 ¹ / ₂	53 ³ / ₈	61 ¹ / ₄
	23	26 ⁵ / ₁₆	30 ⁷ / ₈	34 ¹³ / ₁₆	42 ¹¹ / ₁₆	50 ⁹ / ₁₆	58 ⁷ / ₁₆	66 ⁵ / ₁₆
	20 ¹ / ₁₆	24 ⁵ / ₈	28 ⁹ / ₁₆	32 ¹ / ₂	40 ³ / ₈	48 ¹ / ₄	56 ¹ / ₈	64
	19 ¹¹ / ₁₆	23 ⁵ / ₈	27 ⁹ / ₁₆	31 ¹ / ₂	39 ³ / ₈	47 ¹ / ₄	55 ¹ / ₈	63
	PW0508	PW0608	PW0708	PW0808	PW1008	PW1208	PW1408	PW1608
	PW0510	PW0610	PW0710	PW0810	PW1010	PW1210	PW1410	PW1610
	PW0512	PW0612	PW0712	PW0812	PW1012	PW1212	PW1412	PW1612
	PW0514	PW0614	PW0714	PW0814	PW1014	PW1214	PW1414	PW1614
	PW0516	PW0616	PW0716	PW0816	PW1016	PW1216	PW1416	PW1616
	PW0518	PW0618	PW0718	PW0818	PW1018	PW1218	PW1418	

For additional combinations consult dealer.

R.S.O. for additional combinations equals sum of unit size widths plus 1" and sum of unit size heights plus 1 1/4".

M.O. for additional combinations equals sum of unit size widths or heights plus 3 5/16". M.O. measurements apply only to standard casing EM600.

R.S.O. for stacked combinations mulled two or more wide and over 84" in width or height, it is recommended to add 11/16" filler for each stacked layer in height.



Direct Set (no Sash) option is available on any fixed unit. Fixed Lites can also be Direct Set with no sash. Glass dimensions will be slightly increased. Vintage Series (SDL) grilles require sash.

Build the feature window of your dreams

Modular sizing between products has creativity stacked in your favour. Mulled units with complete trim packages in place make Norwood feature windows a dream for both the homeowner and the builder!

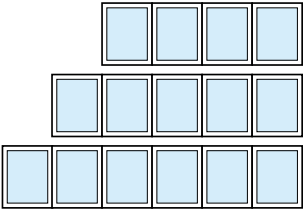


GLASS M.O. R.S.O. BOX	15 5/8		19 9/16		23 1/2		27 7/16		31 3/8		15 5/8 - 2		15 5/8 - 3		19 9/16 - 2		19 9/16 - 3				
	23		26 15/16		30 7/8		34 13/16		38 3/4		42 11/16		62 7/16		50 9/16		74 1/4				
	20 11/16		24 5/8		28 9/16		32 1/2		36 7/16		40 3/8		60 1/16		48 1/4		71 7/8				
	19 11/16		23 5/8		27 9/16		31 1/2		35 7/16		39 3/8		59 1/16		47 1/4		70 7/8				
Basic Units																					
CS050 Series																					
CS060 Series																					
18 9/16										26 1/16										32 3/4	
26 3/4										34 5/8										38 3/8	
30 5/8										32 3/4										35 7/8	
34 9/16										36 3/4										31 1/2	
42 7/16										34 5/8										32 3/4	
50 3/8										38 3/8										35 7/8	
58 1/8										36 3/4										31 1/2	
66 1/8										38 3/8										35 7/8	
74 1/8										36 3/4										31 1/2	
72 7/8										35 7/8											31 1/2
70 7/8										35 7/8											31 1/2

- Meets Canadian Egress Code.
- ▲ Meets US Egress Code.
- Meets US Egress Code with special Egress hinges.

23 1/2 - 2	23 1/2 - 3	27 7/16 - 2	27 7/16 - 3	31 3/8 - 2	31 3/8 - 3
58 7/16	86 11/16	66 5/16	97 7/8	74 3/16	109 11/16
56 1/8	83 11/16	64	95 1/2	71 7/8	107 5/16
55 1/8	82 11/16	63	94 1/2	70 7/8	106 5/16

CS070 Series			CS080 Series			CS090 Series		
								
								
								
								
								
								
								
								
								

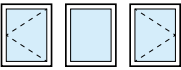


Also available in -4, -5 and -6 configurations. For additional combinations consult dealer.

R.S.O. for additional combinations equals sum of unit size widths plus 1" and sum of unit size heights plus 1 1/4".

M.O. for additional combinations equals sum of unit size widths or heights plus 3 5/16". M.O. measurements apply only to standard casing EM600.

R.S.O. for stacked combinations mulled two or more wide and over 84" in width or height, it is recommended to add 11/16" filler for each stacked layer in height.



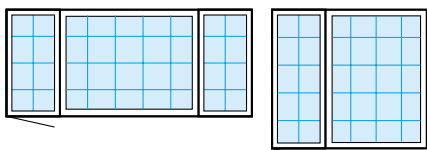
Available left vent, fixed or right vent.

Creating Feature Windows is easy with Norwood.

The modular sizing of Norwood products along with our custom capabilities, make for an endless array of possibilities. Picture, Casement and Hung Windows are excellent 'building blocks' with which to work.

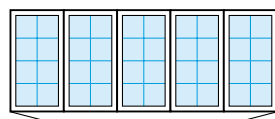
Picture Casement Combinations

Any which way – left, right or centre – Pictures and Casements are meant for each other.

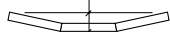


Casement Bows

Combine Casements with Fixed Lites to make gracefully curving feature windows in many different sizes and combinations.

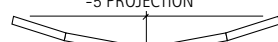
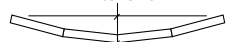


-3 PROJECTION

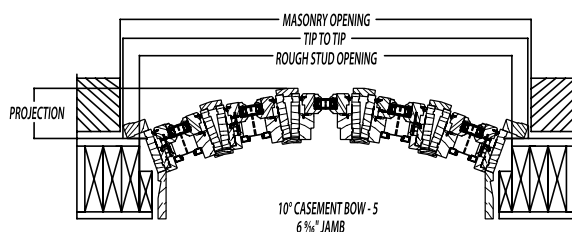


-4 PROJECTION

-5 PROJECTION

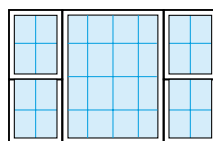


Projection depth varies with size of units.



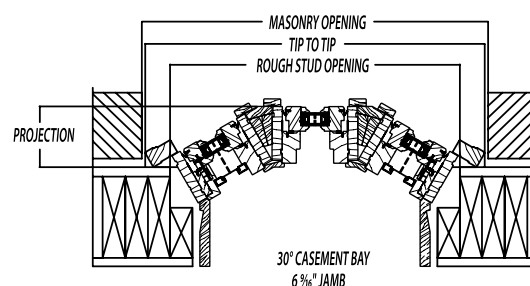
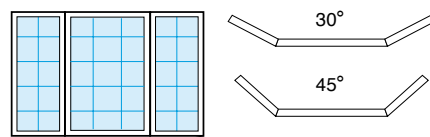
Single or Double Hung Combinations

Make all the same Flatwall and Bay combinations available with Casements.



Casement Bays

We can make Casement Bays in a variety of size and angle configurations. The standard 30° and 45° are the most common, but any angle is possible with Norwood.



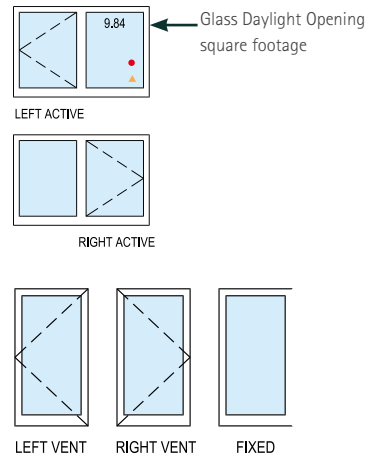
French Inswing Casement

Norwood French Inswing
Casement windows are available as single fixed, left or right venting operator (as viewed from the exterior), or a double operator.

R.S.O. for additional combinations equals sum of unit size widths plus 1" and the sum of the unit heights plus 1 1/4".

M.O. for additional combinations equals the sum of the unit size widths or heights plus 3 5/16".
M.O. measurements apply only to standard casing EM600.

R.S.O. for stacked combinations mulled two or more wide and over 84" in width or height, it is recommended to add 11/16" filler for each stacked layer in height

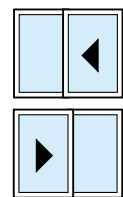


	GLASS					
	M.O.					
	R.S.O.					
	BOX					
	10 5/8"	15-5/8"	14 9/16"	22 7/16"	26 3/8"	30 5/16"
	19 1/16"	23"	26-15/16"	30-7/8"	34-13/16"	38-3/4"
	16 3/4"	20-11/16"	24-5/8"	28-9/16"	32-1/2"	36-7/16"
	15 3/4"	19-11/16"	23-5/8"	27-9/16"	31-1/2"	35-7/16"
16 3/4" - 2	CS0406	CS0506	CS0606	CS0706	CS0806	CS0906
24 5/8" - 2	CS0408	CS0508	CS0608	CS0708	CS0808	CS0908
28 9/16" - 2	CS0409	CS0509	CS0609	CS0709	CS0809	CS0909
32 1/2" - 2	CS0410	CS0510	CS0610	CS0710	CS0810	CS0910
40 3/8" - 2	CS0412	CS0512	CS0612	CS0712	CS0812	CS0912
48 1/4" - 2	CS0414	CS0514	CS0614	CS0714	CS0814	CS0914
52 3/16" - 2	CS0415	CS0515	CS0615	CS0715	CS0815	CS0915
56 1/8" - 2	CS0416	CS0516	CS0616	CS0716	CS0816	CS0916
64" - 2	CS0418	CS0518	CS0618	CS0718	CS0818	CS0918
79 3/4" - 2	CS0422	CS0522	CS0622	CS0722	CS0822	CS0922

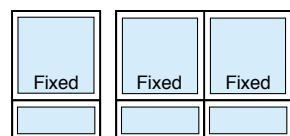
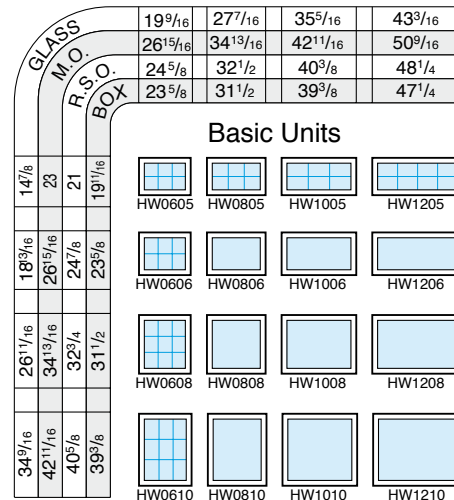
11 3/16" - 2	15 1/8" - 2	19 1/16" - 2	23" - 2	26 15/16" - 2	30 7/8" - 2
34-13/16"	42-11/16"	50-9/16"	58-7/16"	66-5/16"	74-3/16"
32-1/2"	40-3/8"	48-1/4"	56-1/8"	64"	71-7/8"
31-1/2"	39-3/8"	47-1/4"	55-1/8"	63"	70-7/8"
CS0806	CS1006	CS1206	CS1406	CS1606	CS1806
CS0808	CS1008	CS1208	CS1408	CS1608	CS1808
CS0809	CS1009	CS1209	CS1409	CS1609	CS1809
CS0810	CS1010	CS1210	CS1410	CS1610	CS1810
CS0812	CS1012	CS1212	CS1412	CS1612	CS1812
CS0814	CS1014	CS1214	CS1414	CS1614	CS1814
CS0815	CS1015	CS1215	CS1415	CS1615	CS1815
CS0816	CS1016	CS1216	CS1416	CS1616	CS1816
CS0818	CS1018	CS1218	CS1418	CS1618	CS1818
CS0822	CS1022	CS1222	CS1422	CS1622	CS1822

Single or Double Hung Windows

		SH100 Glass		DH 150 Glass		SH/DH 500 Glass		M.O.		R.S.O.		BOX		18 9/16	20 9/16	22 9/16	24 9/16	26 9/16	28 9/16	30 9/16	32 9/16
		12 9/16 -2		12 1/2 -2		11 7/8 -2		35 9/16		33 1/4		32		17 7/8	19 7/8	21 7/8	23 7/8	25 7/8	27 7/8	29 7/8	31 7/8
		14 9/16 -2		14 1/2 -2		13 7/8 -2		39 9/16		37 1/4		36		27 9/16	29 9/16	31 5/16	33 5/16	35 5/16	37 5/16	39 5/16	41 5/16
		16 9/16 -2		16 1/2 -2		15 7/8 -2		43 9/16		41 1/4		40		25	27	29	31	33	35	37	39
		18 9/16 -2		18 1/2 -2		17 7/8 -2		47 9/16		45 1/4		44		24	26	28	30	32	34	36	38
		20 9/16 -2		20 1/2 -2		19 7/8 -2		51 9/16		49 1/4		48									
		22 9/16 -2		22 1/2 -2		21 7/8 -2		55 9/16		53 1/4		52									
		24 9/16 -2		24 1/2 -2		23 7/8 -2		59 9/16		57 1/4		56									
		26 9/16 -2		26 1/2 -2		25 7/8 -2		63 9/16		61 1/4		60									
		28 9/16 -2		28 1/2 -2		27 7/8 -2		67 9/16		65 1/4		64									
		30 9/16 -2		30 1/2 -2		29 7/8 -2		71 9/16		69 1/4		68									
		32 9/16 -2		32 1/2 -2		31 7/8 -2		75 9/16		73 1/4		72									
		34 9/16 -2		34 1/2 -2		33 7/8 -2		79 9/16		77 1/4		76									



Awning and Hopper Windows



The diagram illustrates three types of fixed costs:

- A single box labeled "Fixed".
- Two boxes, each labeled "Fixed".

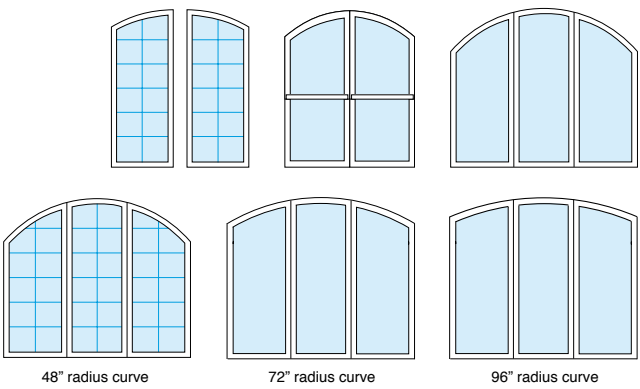


Half-Rounds for Hung Windows (100, 150 or 500 Series)



21

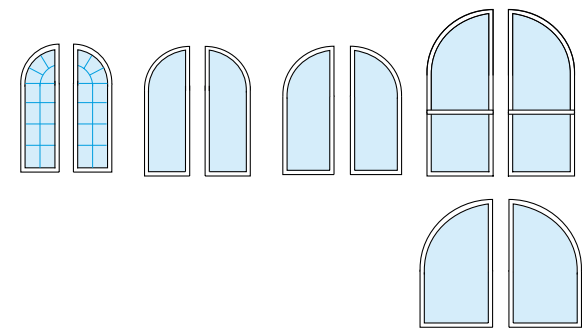
Camber Tops



Add visual interest to most rectangular windows or doors with a Camber Top feature. Here we are showing how Camber Tops can affect a series of windows in single and multiple configurations.

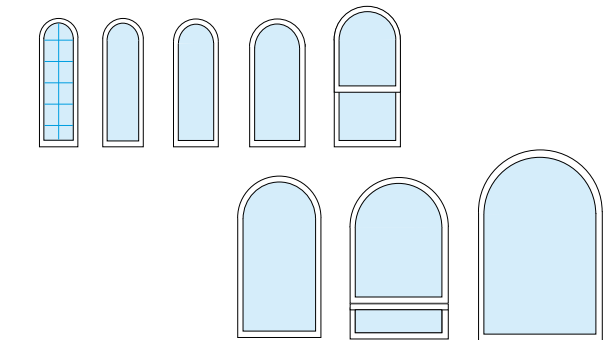
Standard Camber Tops are based on 48", 72" and 96" radius curves as shown here on these three-wide Camber-Top Casements. Custom radius curves are also available on request.

Extended Quarter-Rounds



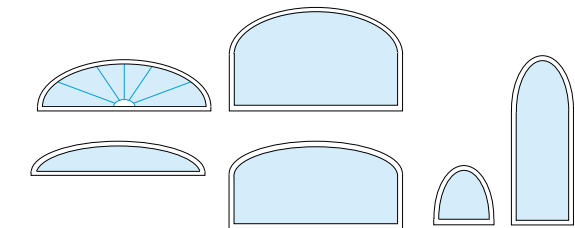
Add visual interest to rectangular windows and doors with a Quarter-Round feature. Here we are showing how Quarter-Round tops can affect a series of windows. We have a large number of radius curves based on our basic product sizes and we can make custom radius curves on request.

Extended Half-Rounds



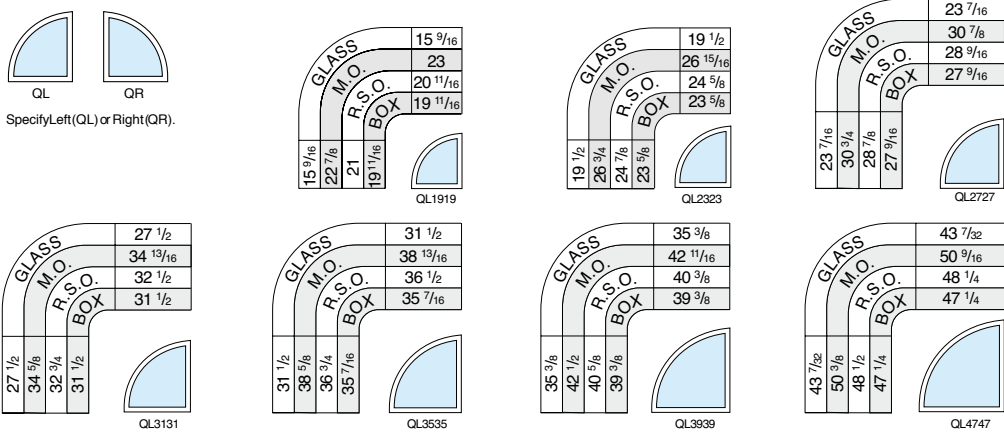
We can build many rectangular windows and doors with Half-Round features. The drawings at left demonstrate how the Half-Round feature can be applied to a variety of windows. We have a large number of radius curves based on our basic product sizes and we can make custom radius curves on request.

Ellipticals



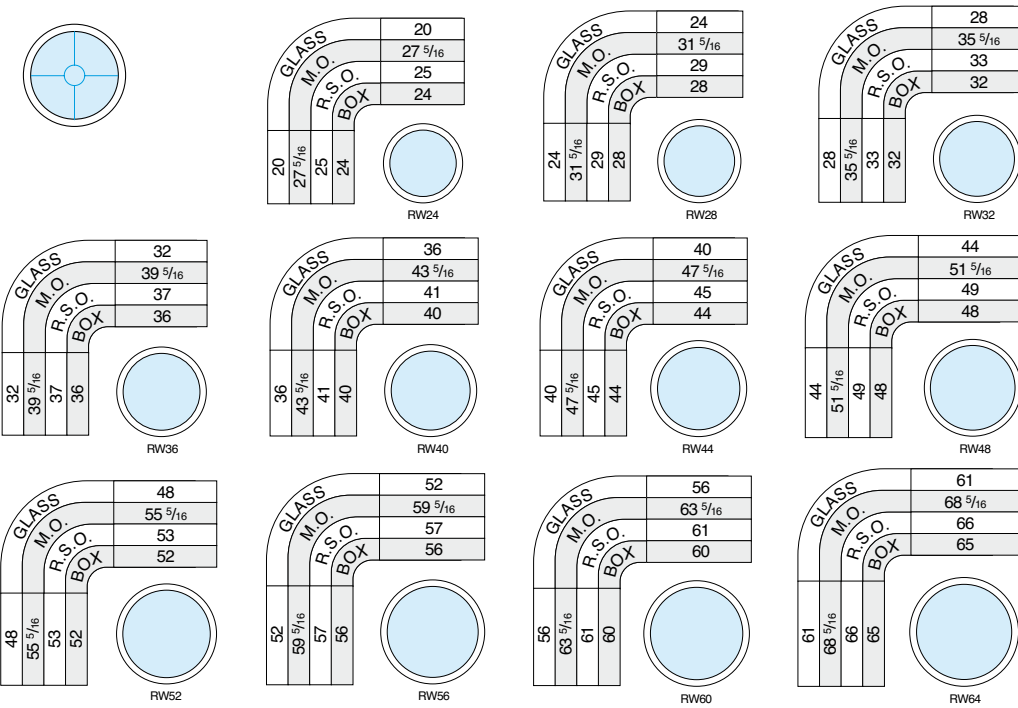
Elliptical Windows, whether on their own or in combination with a variety of other Norwood windows or doors, are a graceful addition to any design. Basically, Ellipticals can be made in any shape or size in widths of 14" to 87" and heights of 14" to 43".

Quarter-Rounds Windows

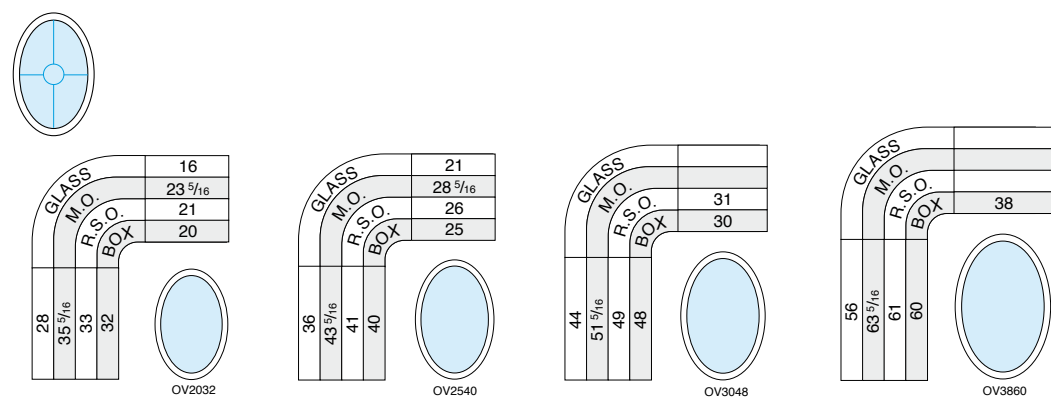


Round Windows

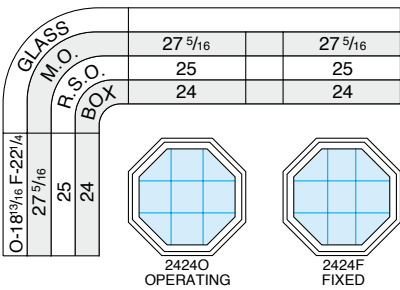
Top Hinged, Rotating Half Circle, or stationary



Oval Windows



Octagon Windows



Transoms

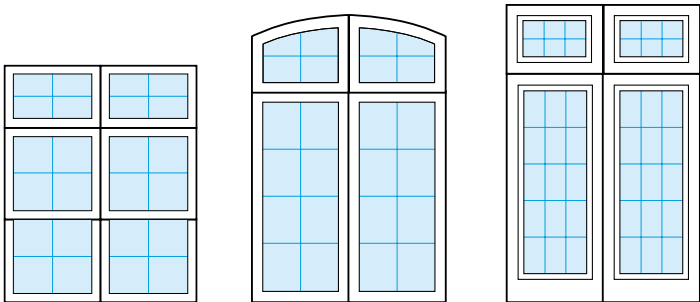


Top off any Norwood window or door with a Transom.

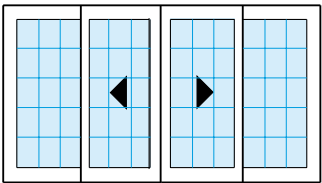
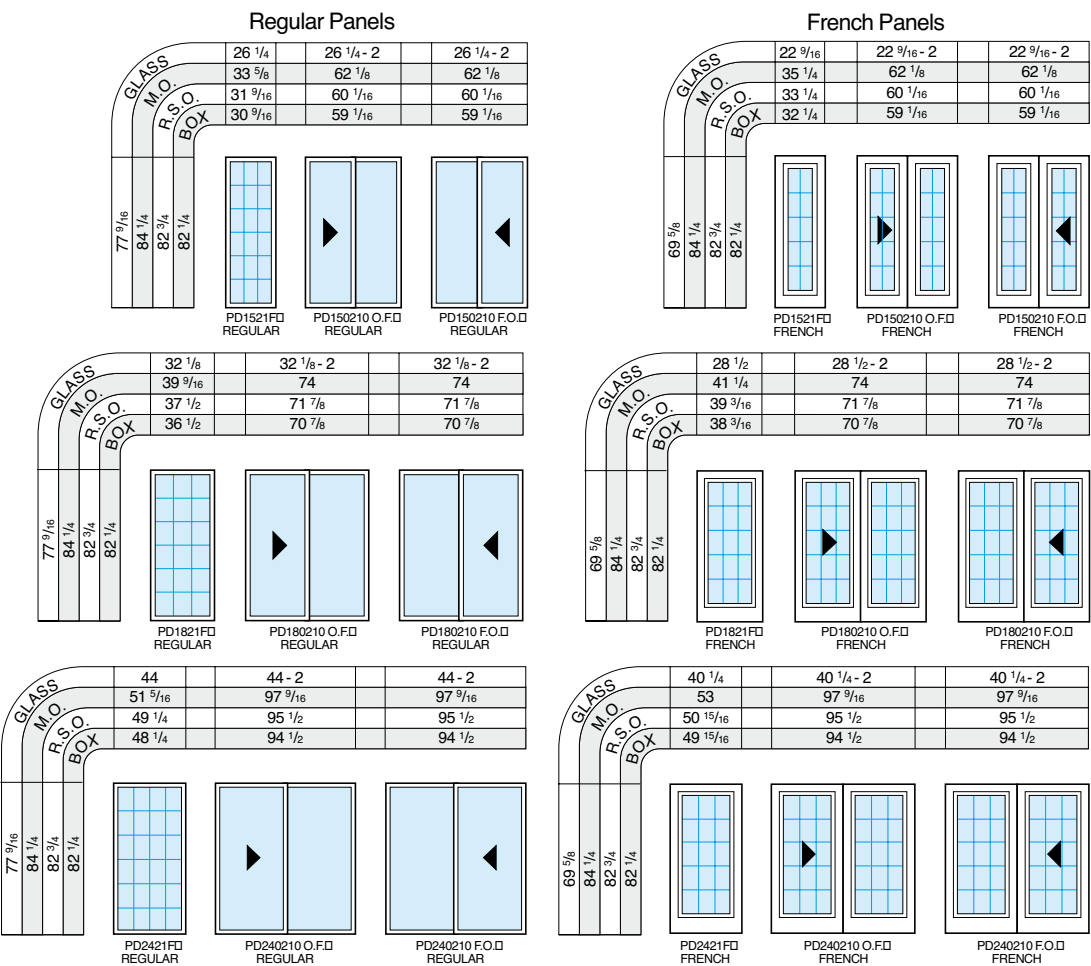
Norwood Transoms are available in four standard heights as well as custom Sizes. Standard or custom widths align with sashes and stiles in all Norwood windows and doors. Remember to consider ceiling heights when ordering.

The four standard box heights are:

- 03 - 11 13/16"
- 04 - 15 3/4"
- 05 - 19 11/16"
- 06 - 23 5/8"

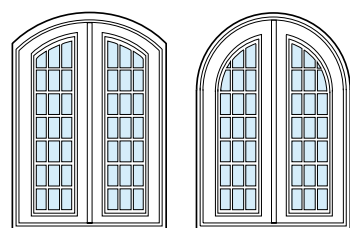
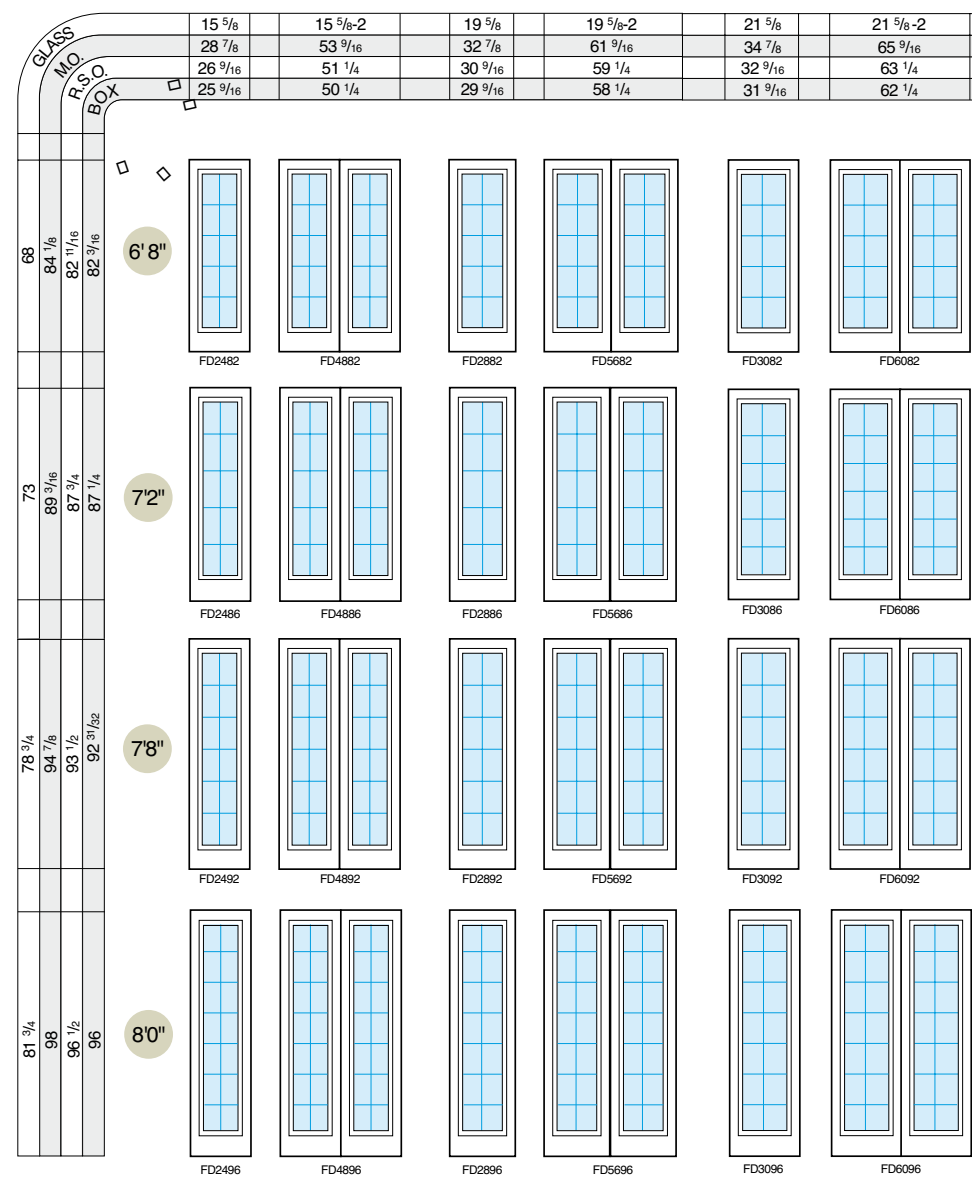


Sliding Patio Doors



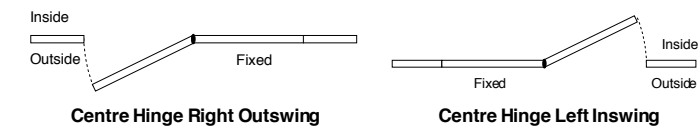
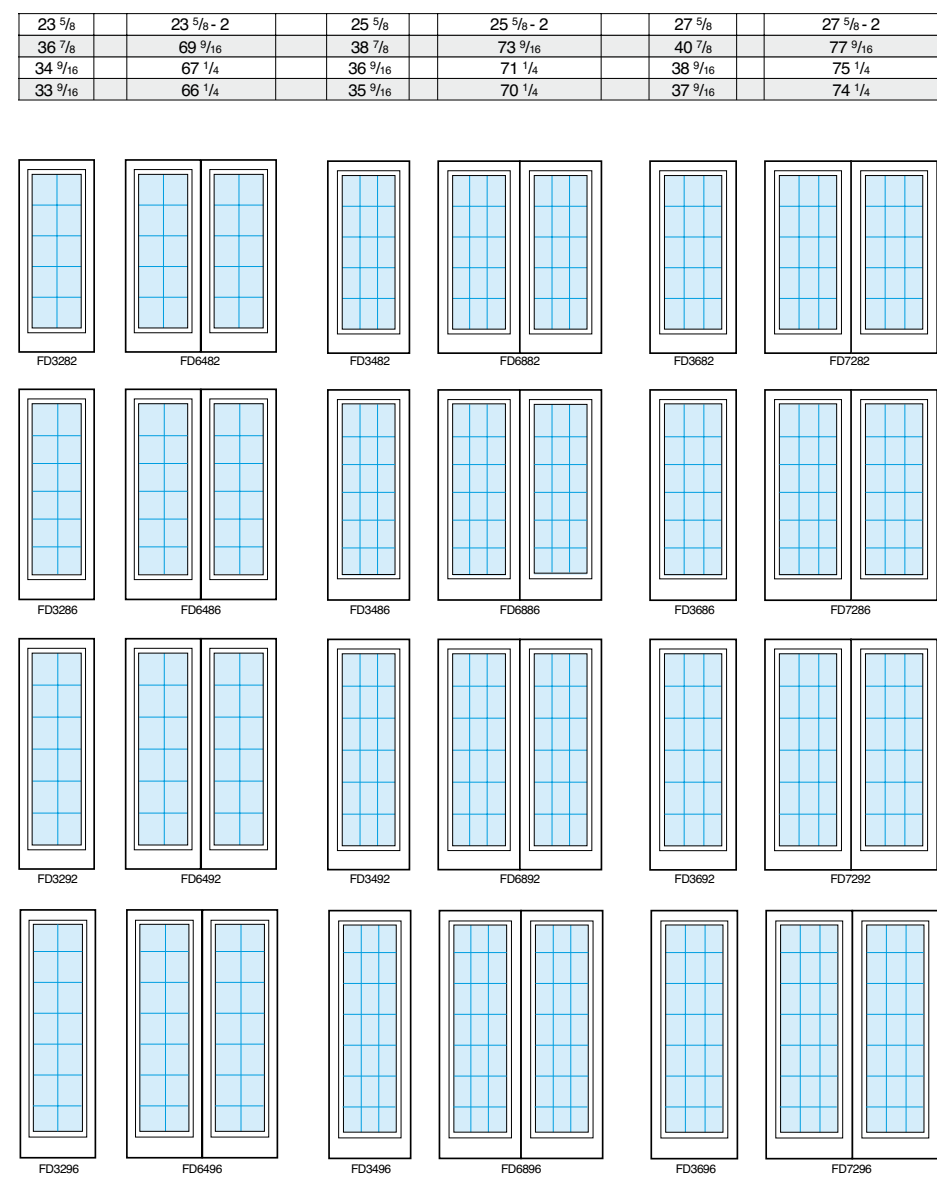
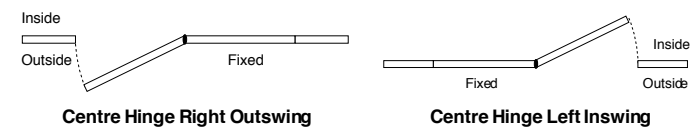
The Dual Sliding Patio Door is available in French style panels only. Maximum unit width is 168". Minimum is 120".

Solid Wood French Doors

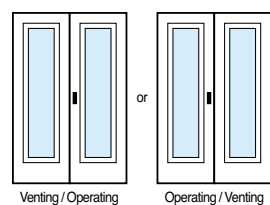
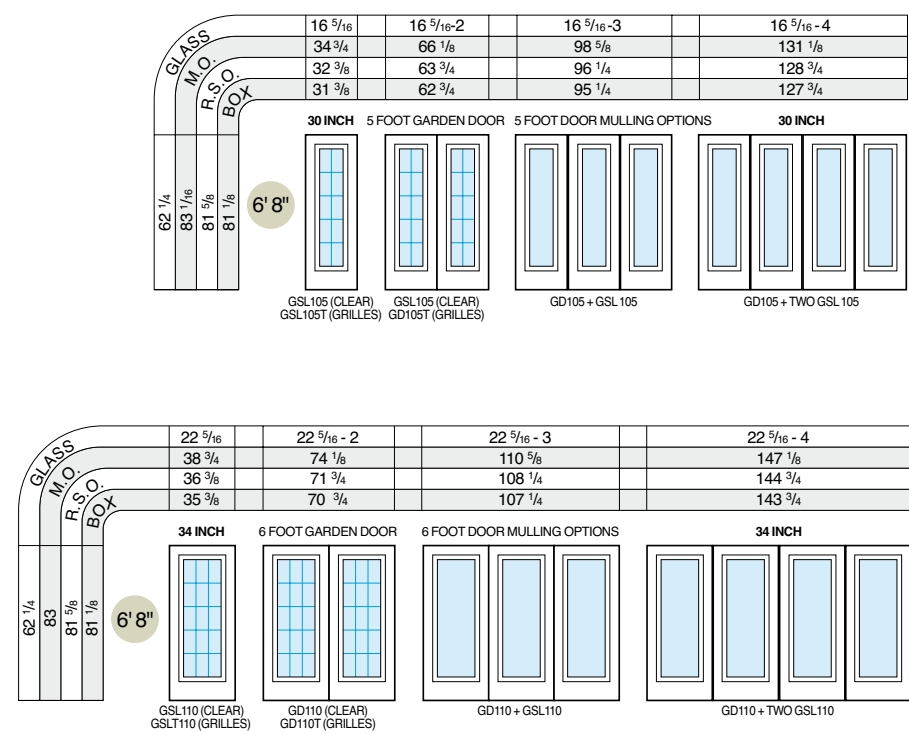


Optional panel shapes are available.

Ask your dealer about creating truly unique French Doors with camber or round tops and custom stile and rail proportioning. Decorative glazing, raised panels and mouldings are also available.



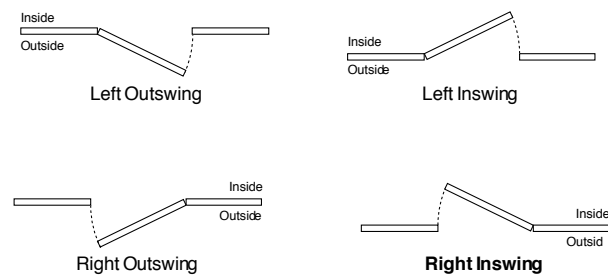
Garden Patio Doors



➔ Please note that a filler of 1 1/8" is installed between the door and sidelite for structural purposes. Dimensions above include filler.

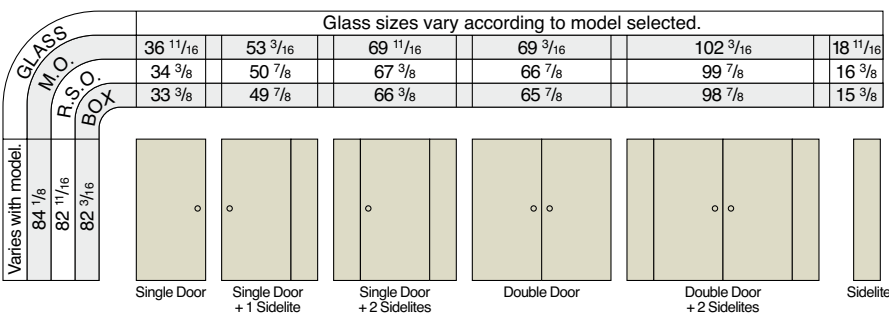
These doors are available in different operating and venting configurations. Consult your dealer for details.

➔ Please specify door hinging when ordering.

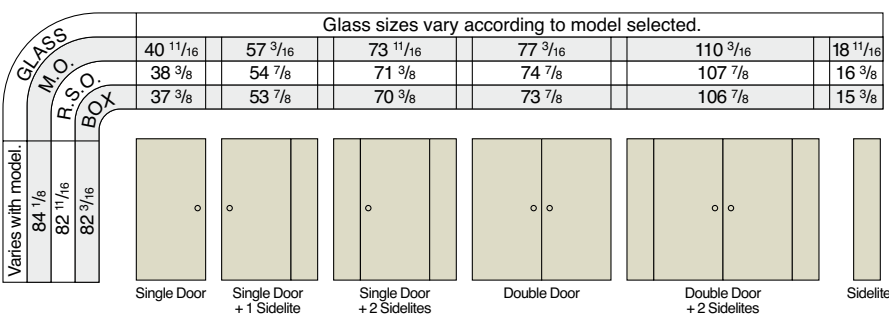


Inswing Entrance Systems

2'8" Wide, 6'8" High



3'0" Wide, 6'8" High



➔ Please note that a filler of 1/8" is installed between the door and sidelite for structural purposes. Dimension above include filler.

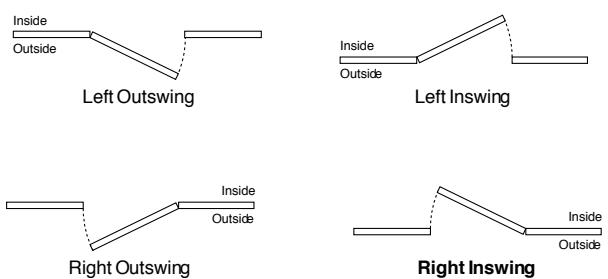
Outswing: For outswing sizes, remove 1 1/16" from unit and R.S.O heights.

Available with bore for deadbolt.

The Norwood Entrance is designed as a one-door system and easily meets North American weather conditions. However, in areas of extreme weather (coastal areas, exposed hilltops etc.) we recommend the addition of a storm door or the use of the outswing option.

Note: Professional installation is recommended.

➔ Please specify door hinging when ordering.



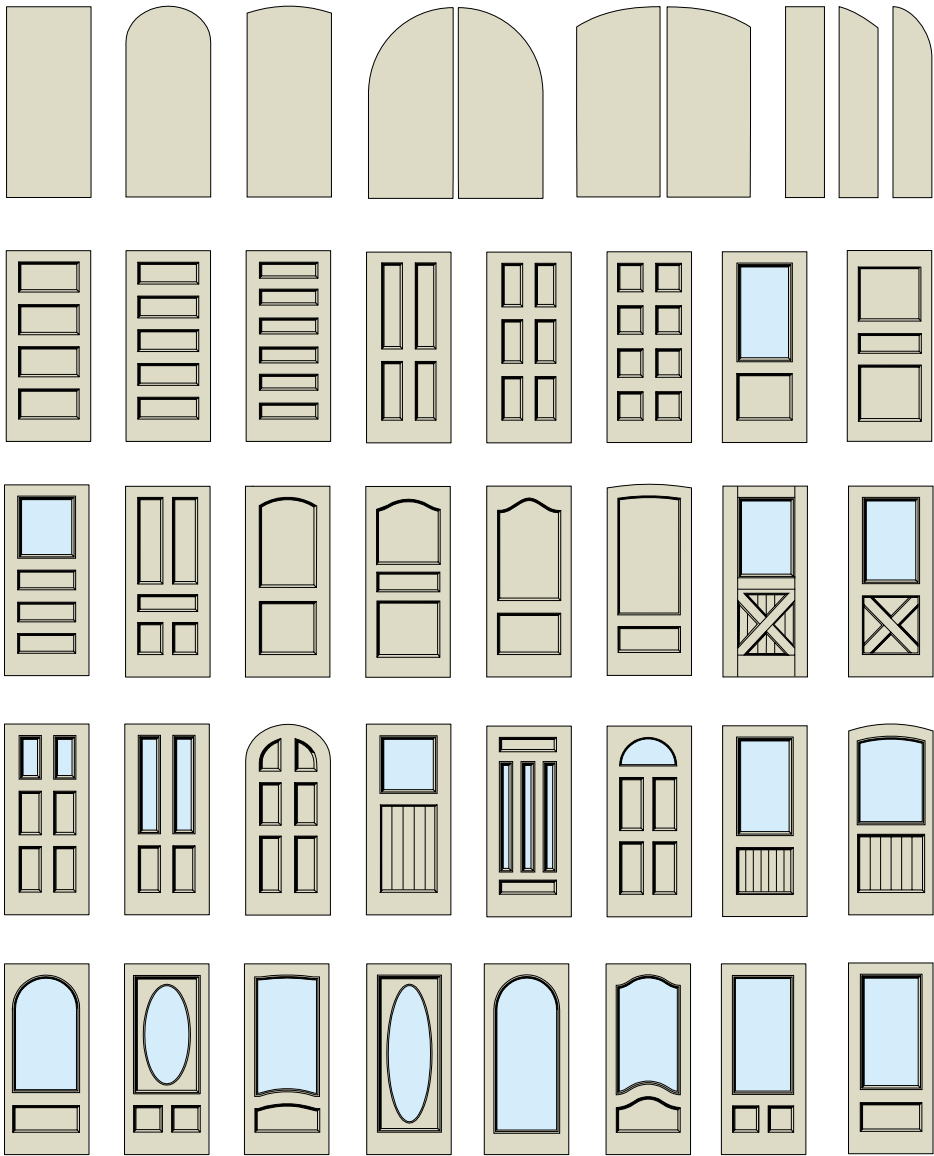


Steel entrances are available in heights of up to 7'8" (92") but only in non-embossed panels (MD10). Please check with your dealer.

*** Please note for 30" and 32" panels: When deadbolt is ordered, all backsets will be 2 3/8".*

Choose your wood and sidelite shapes, panel styles and detailing

Wood doors are available in 1 3/4" or 2 1/4" thicknesses. Standard widths are 34", 36", 38", 40" and 42". Maximum height is 9' (108"). Most of the doors shown are also available in camber, half-round and quarter-round tops with coordinating sidelites. Panels can be wood or glass with a variety of decorative glass and grille options. Wood panels can be flat, raised, v-groove or cross-buck with optional raised mouldings. Standard stiles, cross rails and head rails are 5 5/8". Sill rails are 9 1/4". Plus, the stiles and rails are made from engineered wood for added strength and dimensional stability. Custom stiles and rails are available.





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Norwood products are shipped assembled with all
casing components in place saving you time and money at the job site.