

# Door and Window Size Limitations



## Windows and Doors

Window Type	Series	Minimum Size	Maximum Size	Other Restrictions	Glass Restrictions
<b>Single Hung Windows</b>					
Single Hung & Single Hung Arch	900, 950	16" x 23"	52-1/8" x 90"		
SH NuView	900, 950	16" x 23"	52-1/8" x 90"	Standard size sashes only	
Single Hung	975	16" x 23"	52-1/8" x 75"		
SH NuView	975	16" x 23"	52-1/8" x 75"	Standard size sashes only	
SH Arch	975	16" x 23"	52-1/8" x 92-3/8"		
Single Hung	9000	16" x 23"	52-1/8" x 75"		5/16" Laminated glass only
SH NuView	9000	16" x 23"	52-1/8" x 75"	Standard size sashes only	5/16" Laminated glass only
SH Arch	9000	16" x 23"	52-1/8" x 92-3/8"		5/16" Laminated glass only
SH Hinged Egress	900	24" x 36"	52-1/8" x 72"		
<b>Horizontal Roller Windows</b>					
Horizontal Roller	900, 975	19" x 16"	73-1/8" x 72"	Standard size doors only	
Horizontal Roller 3	900	72" x 16"	123-1/4" x 60"	Standard size doors only	Heights over 48" must be reinforced.
Horizontal Roller 3	975	72" x 16"	110" x 62"	Standard size doors only	
Horizontal Roller	9000	19" x 16"	73-1/8" x 62"	Standard size doors only	5/16" Laminated glass only
Horizontal Roller 3	9000	72" x 16"	110" x 62"	Standard size doors only	5/16" Laminated glass only
<b>Sliding Glass Doors</b>					
SGD	200	6" x 12" Panels	4' x 8' Panels		
SGD	500	6" x 12" Panels	5' x 8' Panels	Over 4' wide panels are reinforced	
SGD	975	6" x 12" Panels	4' x 8' Panels		
SGD	9000	6" x 12" Panels	4' x 8' Panels		9/16" Laminated glass only
<b>NuSwing French Doors</b>					
French Door	975	30" x 80" Panels	36" x 96" Panels	No Special Sizes	3/16" Tempered glass only
FD Sidelites	975	12" x 80"	36" x 96"	No Special Sizes	1/4" Tempered glass only
French Door	9000	30" x 80" Panels	36" x 96" Panels	No Special Sizes	5/16" Heat-Strengthened
FD Sidelites	9000	12" x 80"	36" x 96"	No Special Sizes	5/16" Heat-Strengthened

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<b>Designer Picture Windows</b>					
Picture Window	900 & 975	9" wide or high	108" any one side and 36 ft <sup>2</sup> or less	or	For 900 & 975, use 3/16" glass if over 73-1/8"
			144" any one side and 24 ft <sup>2</sup> or less		
Picture Window	9000	9" wide or high	72" any one side and 36 ft <sup>2</sup> or less		
Transom	9000	9" wide or high	93" any one side and 43" or less on the other		
Eyebrow	900, 975, 9000	18" wide, 5 1/2" jamb	110-1/4" any one side	36 ft <sup>2</sup> or less, 3/16" glass (900)	For 900 & 975, use 3/16" glass
				Standard rise is 1"/ft of width	
Eyelid	900, 975, 9000	18" wide	108" any one side	36 ft <sup>2</sup> or less	For 900 & 975, use 3/16" glass
		Min. height = width/4.5		Standard height is 1/3 of width	
				Min. Sunburst diameter = 11"	
Arch	900, 975, 9000	18" wide or high	96" any one side	36 ft <sup>2</sup> or less	
Quarter Circle	900, 975, 9000	18" wide or high	52 1/8" wide		For 900 & 975, use 3/16" glass if over 48"
Circle Top	900, 975, 9000	18" wide or 9" high	96" wide	Min. Sunburst diameter = 11"	For 900 & 975, use 3/16" glass if over 60"
Whole Circle	900, 975, 9000	18" diameter	48" diameter		
Oval	900, 975, 9000	18"x27", 24"x36", 30"x45" Only			
Octagon	900, 975, 9000	18" wide or high	36" wide or high	Width equals Height	
Hexagon	900, 975, 9000	18" wide or 20-3/4" high	36" wide or 41-5/8" high	Width is from flat-to-flat, Height is point-to-point, Width equals height X 1.155	
Elongated Hexagon	900, 975, 9000	18" wide	36" wide or 48" high	Width is from flat-to-flat	

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<b>Designer Picture Windows</b>					
Right Triangle	900 & 975	18" wide	108" any one side	36 ft <sup>2</sup> or less	
		4" any leg			
Right Triangle	9000	18" wide	72" any one side and 36 ft <sup>2</sup> or less		
		4" any leg	<b>or</b>		
			93" any one side and 43" or less on the other		
Half Arch	900, 975, 9000	18" wide	96" any one side	36 ft <sup>2</sup> or less	
Half Eyelid	900 & 975	18" wide	108" any one side	36 ft <sup>2</sup> or less	For 900 & 975, use 3/16" glass
Half Eyelid	9000	18" wide	72" any one side and 36 ft <sup>2</sup> or less		
			<b>or</b>		
			93" any one side and 43" or less on the other		
Half Eyebrow	900 & 975	18" wide	108" any one side	36 ft <sup>2</sup> or less	For 900 & 975, use 3/16" glass
		4" any leg			
Half Eyebrow	9000	18" wide	72" any one side and 36 ft <sup>2</sup> or less		
		4" any leg	<b>or</b>		
			93" any one side and 43" or less on the other		

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<b>Designer Picture Windows</b>					
Diamond	900, 975, 9000	18" wide or high	48" wide or high	Width is from point-to-point	
Trapezoid	900 & 975	18" wide	108" any one side	36 ft <sup>2</sup> or less	
		4" any leg			
Trapezoid	9000	18" wide	72" any one side and 36 ft <sup>2</sup> or less		
		4" any leg	<b>or</b>		
			93" any one side and 43" or less on the other		
Doghouse	900 & 975	18" wide	108" any one side	36 ft <sup>2</sup> or less	
		4" any leg			
Doghouse	9000	18" wide	72" any one side and 36 ft <sup>2</sup> or less		
		4" any leg	<b>or</b>		
			93" any one side and 43" or less on the other		
Triangle	900 & 975	18" wide	108" any one side	36 ft <sup>2</sup> or less	
Triangle	9000	18" wide	72" any one side and 36 ft <sup>2</sup> or less		
		4" any leg	<b>or</b>		
			93" any one side and 43" or less on the other		

- Unless otherwise stated above, the following is the maximum square footage allowable for the glass:
  - 3/32" Annealed & Tempered = Not Available
  - 1/8" Annealed = No glass length over 52", and must be 13 ft<sup>2</sup> or less
  - 3/16" Annealed = No glass length over 93", and must be 25 ft<sup>2</sup> or less
  - 1/4" Annealed = Must be 36 ft<sup>2</sup> or less
  - 1/8" Tempered = Must be 21 ft<sup>2</sup> or less, and only 1 side can be over 40"
  - 3/16" Tempered = Must be 36 ft<sup>2</sup> or less
  - 1/4" Tempered = Must be 36 ft<sup>2</sup> or less
  - 5/16" Laminated = Must be 36 ft<sup>2</sup> or less, not for use on 9000 SGD
  - 7/16" Laminated = Must be 36 ft<sup>2</sup> or less, not for use on 9000 SH or HR
  - 9/16" Laminated = Must be 32 ft<sup>2</sup> or less, for 9000 SGD only
- For any windows not mentioned, or exceptions, contact NuAir's Engineering Department.
- On all tinted/insulated glass, the tinted surface faces the exterior (surface #1).
- Solarban® 60 glass is only available as the exterior light on insulated glass (surface #2).
- In obscure glass, the obscure surface faces the exterior (surface #1).
- The maximum length of any one side for insulated glass is 62".
- ASTM E1300 glass limitations will be taken into account first, unless NuAir specifies thicker glass, as listed above.
- All sizes given in buck dimensions.