



PARADIGM
WINDOWS

MIN & MAX GUIDE



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Min and Max Guide

	Product Type	TTT Min.	TTT Max. (1)	TTT Max. (2)	TTT Max. (3)	Notes
		W x H	W x H	W x H	W x H	
8300 HUNG WINDOWS	8321 Premium Double Hung (Cottage, Oriel Hgt)	Size limits are directly related to structural ratings and AAMA Certification				
	Residential Rated	15.5 x 22 (27.5)	37 x 84 (70)	48 x 80 (66.688)	54 x 70 (58.375)	
	Light Commercial Rated	15.5 x 22 (27.5)	44 x 75 (62.5)	48 x 72 (60)	-	
	8381 Single Hung (Cottage, Oriel Hgt)					
	Residential Rated	14 x 22 (27.5)	48 x 80 (66.688)	44 x 66 (55)	-	
	Light Commercial Rated	14 x 22 (27.5)	56 x 91 (75.875)	-	-	
	Commercial Rated	14 x 22 (27.5)	56 x 91 (75.875)	48 x 72 (60)	-	
8382 Hybrid Single Hung (Cottage, Oriel Hgt)					Removed - No Longer Available	
8300 SLIDERS	8341 2-Lite Slider XX					
	Residential Rated	23 x 15	96 x 48	72 x 60	-	
	8341 2-Lite Slider XO/OX					
	Commercial Rated	23 x 15	84 x 60	72 x 72	-	
	8341 3-Lite Slider XOX (1/3-1/3-1/3)					
	Residential Rated	48 x 15	108 x 48	96 x 60	-	
	Commercial Rated	48 x 15	96 x 64	-	-	Includes external aluminum meeting rail reinforcement
8341 3-Lite Slider XOX (1/4-1/2-1/4)						
Residential Rated	48 x 15	108 x 48	96 x 60	-		
Commercial Rated	48 x 15	96 x 64	-	-	Includes external aluminum meeting rail reinforcement	
8300 CASEMENT - AWNING & HOPPER	8351 Casement					
	Residential Rated	15.75 x 22	36 x 60	-	-	No reinforcing in Residential Rated Casements
	Commercial Rated	15.75 x 22	36 x 72	-	-	
	* Single Arm Operators may be used to help meet egress & cannot be used on any window over 32" in width, except when height is no greater than 36"					
	8352 Awning					
	Light Commercial Rated	18 3/4 x 13	40 x 30	60 x 36	30 x 54 ^{LO}	LO = limited opening
	Commercial Rated	18 3/4 x 13		48 x 48 ^{LO}	36 x 54 ^{LO}	LO = limited opening
8331 Hopper						
Residential Rated	15 3/4 x 11 3/4	48 x 16	-	-		
Commercial Rated	15 3/4 x 11 3/4	48 x 32	-	-		
8300 FIXED WINDOWS	8361 Fixed Casement - (Used for DH Transom)					All Fixed Unit Width / Height dimensions are reversible
	Commercial Rated	11.5 x 11.5	72 x 63	96 x 60	120 x 24 ^{WG}	WG = full wet glaze
	8371 Geometric Picture Window - (Used for SH/HY & Garage Door Transom)					NOTE: For rectangles only - refer to Geometric min-max document for individual shape limits
	Residential Rated	11.5 x 11.5	60 x 60	-	-	
	Commercial Rated	11.5 x 11.5	72 x 63	96 x 60	120 x 24 ^{WG}	WG = full wet glaze
	8378 Beveled Picture Window - (Used for Beveled DH Transom)					NOTE: For rectangles only - refer to Geometric min-max document for individual shape limits
	Commercial Rated	11.5 x 11.5	72 x 63	96 x 60	-	
Deadlite						
	10 x 10	60 x 72	48 x 84	-	This product carries no performance rating & is not labeled.	
8300 SLIDING GLASS DOORS	8394 2-panel SGD					Temp'd DS Glass Req'd (min.) on all SGD's
	Residential Rated	59 1/2 x 49 1/2	72 x 82	84 x 80 (EP)	-	(EP) requires EP sill
	Light Commercial Rated	59 1/2 x 49 1/2	96 x 96	84 x 90 (EP)	-	(EP) requires EP sill & 3/16" Temp.
	8394 3-panel SGD					
	Light Commercial Rated	89 x 49 1/2	108 x 82	116 x 80 (EP)	-	(EP) requires EP sill
	8394 4-panel SGD					
	Light Commercial Rated	115 1/4 x 49 1/2	144 x 82	-	-	
8396 SGD Fixed (Transom & Picture)						
Commercial Rated	20 x 11.5	72 x 24	96 x 24		Mulled Transom row; Cannot mull an SGD-T to an SGD over 6'8" or to any 4-Panel SGD.	
Commercial Rated	20 x 14	60 x 60	96 x 60	120 x 24	Geo Picture row (Rectangles Only); Max (2) req's 3/16 Temp'd & Max (3) requires 1/4" glass	
8395 SGD Side Lite					Removed - No Longer Available	

	Product Type	TTT Min.	TTT Max. (1)	TTT Max. (2)	TTT Max. (3)	Notes
		W x H	W x H	W x H	W x H	
8300 BAYS & BOWS	BAY					Minimum wall thickness for bays & bows is 4.00"
	30 Degree Bay 20" Flanker	59.75 x 25 1/2	119.5 x 65	-	-	Use for Flanker size ≤ 20"
	30 Degree Bay 24" Flanker	70.5 x 25 1/2	119.5 x 65	-	-	Use for Flanker size > 20"
	45 Degree Bay 20" Flanker	53.75 x 25 1/2	119.5 x 65	-	-	Use for Flanker size ≤ 20"
	45 Degree Bay 24" Flanker	63.5 x 25 1/2	119.5 x 65	-	-	Use for Flanker size > 20"
	Bay/Bow Projection Limit		30	-	-	
	BOW					Minimum wall thickness for bays & bows is 4.00"
	3 Unit Bow	50 3/4 x 25 1/2	110 x 65	-	-	
	4 Unit Bow	66 1/4 x 25 1/2	119.5 x 65	-	-	
	5 Unit Bow	81 1/4 x 25 1/2	119.5 x 65	-	-	
8300 MULLS	Standard, Structural & Stud Pocket Mulls					Truck Sizes vary
	Standard Mulls with NO Cross or T		65 Sq.Ft. Max	Width = 12'	Height = 12'	* Both max parameters (Sq.Ft. & Width/Height) are related to any one mull type.
	Standard Mulls with a T		60 Sq.Ft. Max	Width = 10'	Height = 10'	* Your max height/width will change based on your required width/height and the Sq.Ft. max.
	Standard Mulls with a Cross		55 Sq.Ft. Max	Width = 10'	Height = 8'	
	Stud Pocket Mulls (Vertical Only)		65 Sq.Ft. Max	Width = 8'	Height = 8'	
EP Mulls	-	-	-	-	Removed - No Longer Available	
5 Series Windows & Mulls	500/5000 DH Double Hung (Cottage, Oriel Hgt)					
	Residential Rated	17 X 29.5 (35.5)	40 X 75 (62.5)	45 x 65 (54)	-	
	500/5000 HS-XX Double Vent Slider					
	Residential Rated	26 X 18	72 X 60	-	-	
	500/5000 PW Picture Window (Fixed)					
	Residential Rated	16 X 16	72 x 60	60 x 72	-	
	Standard & Reinforced Mulls					NO Cross or T Mulls, up to 3-Wide or 2-High (3-Wide & 2-High not available on Sliders)
Standard Non Structural (0")	-	80 X 75	85 X 70	95 X 60	UI Max = 155	
Reinforced Non Structural (1/2")	-	-	-	-	Removed - No Longer Available	

Size Limits for Geometrics

Geo Shape	Min. Width	Max. Width	Min. Height	Max. Height	Min. Radius	Max. Radius	Min. Leg	Max. Leg	Min. Cut Angle	Max. Cut Angle	Max. Arc Length	Notes
Full Circle (Geo profile)	21.5	55	21.5	55	10.75	27.5	N/A	N/A	N/A	90	N/A	
Circle Top (Geo profile)	21.5	75.5	10.75	37.75	10.75	37.75	N/A	N/A	N/A	N/A	N/A	
Circle Top w/Extended Leg (Geo profile)	21.5	60	16.75	96	10.75	48	6	N/A	17	90	N/A	
Circle Top (Beveled profile)	33.5	71.5	16.75	35.75	16.75	35.75	N/A	N/A	N/A	N/A	N/A	
Quarter Arch (Geo profile)	11.5	60	11.5	60	11.5	60	N/A	N/A	17	90	N/A	
Quarter Arch w/Extended Leg	11.5	60	16.75	96	11.5	60	6	N/A	17	90	N/A	
Eyebrow (Geo profile)	21.5	71.5	10	37.5	10.75	N/A	N/A	N/A	17	90	110	
Eyebrow w/Extended Leg (Geo profile)	21.5	60	12	96	10.75	N/A	6	N/A	17	90	110	
Half Eyebrow (Geo profile)	21.5	71.5	10	37.5	10.75	N/A	N/A	N/A	17	90	N/A	
Half Eyebrow w/Ext. Leg (Geo profile)	21.5	60	12	96	10.75	N/A	6	N/A	17	90	110	
Oval (Geo profile)	-	-	-	-	-	-	-	-	-	-	-	No Longer Available
Triangle (Geo profile)	11.5	60	11.5	96	N/A	N/A	N/A	N/A	17	90	N/A	
Trapezoid (Geo profile)	11.5	60	11.5	96	N/A	N/A	6	N/A	17	90	N/A	
Pentagon (Geo profile)	20	60	20	96	N/A	N/A	6	N/A	17	90	N/A	
Octagon(Geo profile)	23.5	35.5	23.5	35.5	N/A	N/A	6	14.688	22.5	90	N/A	
Single Hung/Circle Top (Geo profile)	-	-	-	-	-	-	-	-	-	-	-	No Longer Available
Single Hung/Eyebrow Top	-	-	-	-	-	-	-	-	-	-	-	No Longer Available
Single Hung/Half Eyebrow Top	-	-	-	-	-	-	-	-	-	-	-	No Longer Available
Miscellaneous												
908 Brickmould Bend Radius	N/A	N/A	N/A	N/A	11.75	N/A	N/A	N/A	N/A	N/A	N/A	
Offset 908 Brickmould Bend Radius	N/A	N/A	N/A	N/A	16.75	N/A	N/A	N/A	N/A	N/A	N/A	
Flat Casing Bend Radius - see notes	N/A	N/A	N/A	N/A	17.75	N/A	N/A	N/A	N/A	N/A	N/A	If painted 22in MIN radius
Offset Flat Casing Bend Radius - see notes	N/A	N/A	N/A	N/A	16.75	N/A	N/A	N/A	N/A	N/A	N/A	If painted 22in MIN radius
Primed Ext Jamb	N/A	N/A	N/A	N/A	10	N/A	N/A	N/A	N/A	N/A	N/A	
2.5" Trim	N/A	N/A	N/A	N/A	15	N/A	N/A	N/A	N/A	N/A	N/A	
Grid Hoop (Flat and Contoured)	8	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	

Glass Description	Min	Max Dim.	Glass Area	Notes:	
				SS Glass size (CL/LE/OBSCURE)**	DS Glass size (CL/LE)
SS Glass size (CL/LE/OBSCURE)**	N/A	70 inches	≤ 9.9999 Ft ²	** - SS does not apply to shaped glass.	
DS Glass size (CL/LE)	N/A	80 inches	10 - 15.9999 Ft ²	Both max parameters (length in any given direction and overall Ft ²) are related to any one pc of glass.	
3/16" Glass (CL/LE)	N/A	100 inches	16 - 32.9999 Ft ²		
3/16" Tempered Glass (CL/LE)	N/A	100 x 60	33 - 41.5 Ft ²	Unit max limits are partially due to the weight of the IG, regardless of the max glass size available.	
1/4" Tempered Glass (CL/LE)	N/A	120 x 72	41.5001 - 50 Ft ²		