

# Infinity Minimum and Maximum Sizes

Insert Double Hung .....	1
Double Hung Bays .....	2
Double Hung .....	3
Insert Glider.....	4
Glider.....	5
Insert Awning / Casement .....	6
Casement Bows and Bays .....	7
Awning / Casement .....	8
Direct Glaze Polygon.....	9
Direct Glaze Round Top.....	10
Sliding Patio Door.....	11
Sliding French Door.....	12
Integrity Inswing French Door .....	13
Integrity Outswing French Door.....	14



**Insert Double Hung**

Minimum and Maximum Inside Opening Guidelines - Standard Size												
Insert Standard Size Double Hung		Inside Opening								Max Glass Size		
		Min Width		Min Height		Max Width		Max Height		Sash Size	Sq. Feet	Sq. Meters
		in	mm	in	mm	in	mm	in	mm			
NINDH	Equal Sash	14 1/2	(368)	25 3/4	(654)	48 3/8	(1229)	95 3/4	(2432)	regular	13 25/32	1.281
NINDH	Cottage Style	14 1/2	(368)	29 13/16	(757)	48 3/8	(1229)	71 3/4	(1822)	small	8 3/32	0.752
										large	13 1/2	1.255
NINDH	Oriel Style	14 1/2	(368)	29 13/16	(757)	48 3/8	(1229)	95 3/4	(2432)	small	11 1/32	1.025
										large	18 3/8	1.708
NINDP NINDT	Picture Transom	18 3/8	(467)	16 1/8	(410)	72 3/8	(1838)	71 3/4	(1822)	regular	31 31/32	2.969

Minimum and Maximum Inside Opening Guidelines - Expanded Size												
Insert Expanded Size Double Hung		Inside Opening								Max Glass Size		
		Min Width		Min Height		Max Width		Max Height		Sash Size	Sq. Feet	Sq. Meters
		in	mm	in	mm	in	mm	in	mm			
NINDH	Equal Sash	48 13/32	(1230)	25 3/4	(654)	54 3/8	(1381)	84 3/4	(2153)	regular	13 25/32	1.279
NINDH	Cottage Style	48 13/32	(1230)	29 13/16	(757)	54 3/8	(1381)	59 3/4	(1518)	small	7 9/16	0.701
										large	12 19/32	1.169
NINDH	Oriel Style	48 13/32	(1230)	29 13/16	(757)	54 3/8	(1381)	84 3/4	(2153)	small	11	1.023
										large	18 3/8	1.706

NOTE: Fixed upper sash required on certain sizes. Contact Infinity Support for more information 1-800-372-1072

**Double Hung Bays**

Minimum and Maximum Guidelines									
30 Degree Bay		Frame Size							
		Min Width		Min Height		Max Width		Height	
		in	mm	in	mm	in	mm	in	mm
1:2:1 Ratio	O-P-O	59 1/2	(1511)	27 7/16	(697)	141 1/16	(3583)	73 15/16	(1878)
	O-O-O	59 1/2	(1511)	27 7/16	(697)	96 5/16	(2446)	86 15/16	(2208)
1:1:1 Ratio	O-P-O	45 3/8	(1153)	27 7/16	(697)	136	(3454)	73 15/16	(1878)
	O-O-O	45 3/8	(1153)	27 7/16	(697)	136	(3454)	86 15/16	(2208)

Minimum and Maximum Guidelines									
45 Degree Bay		Frame Size							
		Min Width		Min Height		Max Width		Max Height	
		in	mm	in	mm	in	mm	in	mm
1:2:1 Ratio	O-P-O	56 5/16	(1430)	27 7/16	(697)	119 1/8	(3026)	73 15/16	(1878)
	O-O-O	56 5/16	(1430)	27 7/16	(697)	90	(2286)	86 15/16	(2208)
1:1:1 Ratio	O-P-O	42 3/16	(1072)	27 7/16	(697)	86 9/16	(2199)	73 15/16	(1878)
	O-O-O	42 3/16	(1072)	27 7/16	(697)	86 9/16	(2199)	86 15/16	(2208)

**Double Hung**

Minimum and Maximum Frame Size Guidelines - Standard Size												
Unit Type		Minimum Frame Size				Maximum Frame Size				Maximum Glass		
		Width		Height		Width		Height				
		in	mm	in	mm	in	mm	in	mm	Sash Size	Sq. Feet	Sq. Meters
NDH	Equal Sash	14 3/8	(365)	25 5/8	(651)	48	(1219)	96	(2438)	regular	13 23/32	1.27
NDH	Cottage Style	14 3/8	(365)	30 1/8	(765)	48	(1219)	72	(1829)	small	8 1/16	0.75
										large	13 13/32	1.25
NDH	Oriel Style	14 3/8	(365)	30 1/8	(765)	48	(1219)	96	(2438)	small	10 31/32	1.02
										large	18 9/32	1.70
NDHP NDHTR	Picture Transom	18	(457)	16 3/8	(416)	72	(1829)	72	(1829)	regular	32	2.96

Minimum and Maximum Frame Size Guidelines - Expanded Size												
Unit Type		Minimum Frame Size				Maximum Frame Size				Maximum Glass		
		Width		Height		Width		Height				
		in	mm	in	mm	in	mm	in	mm	Sash Size	Sq. Feet	Sq. Meters
NDH	Equal Sash	48 1/32	(1220)	25 5/8	(651)	54	(1372)	85	(2159)	regular	13 11/16	1.27
NDH	Cottage Style	48 1/32	(1220)	30 1/8	(765)	54	(1372)	60	(1524)	small	7 1/2	0.70
										large	12 1/2	1.16
NDH	Oriel Style	48 1/32	(1220)	30 1/8	(765)	54	(1372)	85	(2159)	small	10 15/16	1.02
										large	18 1/4	1.70

NOTE: Fixed upper sash required on certain sizes. Contact Infinity Support for more information 1-(800)-372-1072

**Insert Glider**

Minimum and Maximum Inside Opening Guidelines												
Unit Type	Inside Opening								Glass Limits Operator		Glass Limits Stationary	
	Min Width		Min Height		Max Width		Max Height		Sq. Feet	Sq. Meters	Sq. Feet	Sq. Meters
	in	mm	in	mm	in	mm	in	mm				
NINGL	25 13/16	(656)	14 1/8	(359)	96 3/8	(2448)	71 3/4	(1822)	21 9/32	1.977	29 31/32	2.78
NINTG	49 5/16	(1253)	14 1/8	(359)	144 3/8	(3667)	71 3/4	(1822)	21 1/2	1.997	29 31/32	2.78
NINGP	14 1/2	(368)	13 15/16	(354)	72 3/8	(1838)	71 3/4	(1822)	N/A		30	2.79
NINGT	14 1/2	(368)	13 15/16	(354)	72 3/8	(1838)	71 3/4	(1822)	N/A		30	2.79

Sash Ratio Guidelines									
Unit Type	Operating				Stationary				Maximum Sash Ratio
	Minimum		Maximum		Minimum		Maximum		
XO/OX Unit	12 19/32	(320)	47 15/16	(1218)	12 3/16	(310)	66	(1676)	1/2
XOX Unit	12 19/32	(320)	48 3/8	(1229)	12 3/16	(310)	66	(1676)	1/3

**Glider**

Minimum and Maximum Frame Size Guidelines												
Unit Type	Frame Size								Glass Limits Operator		Glass Limits Stationary	
	Min Width		Min Height		Max Width		Max Height		Sq. Feet	Sq. Meters	Sq. Feet	Sq. Meters
	in	mm	in	mm	in	mm	in	mm				
Glider	25 5/8	(651)	14 1/2	(368)	96	(2438)	72	(1829)	21 3/16	1.970	29 29/32	2.780
Triple Sash	49 3/16	(1249)	14 1/2	(368)	144	(3658)	72	(1829)	21 7/16	1.991	29 29/32	2.780
Glider Picture	14 3/8	(365)	14 5/16	(364)	72	(1829)	72	(1829)	N/A		30	2.787
Glider Transom	14 3/8	(365)	14 5/16	(364)	72	(1829)	72	(1829)	N/A		30	2.787

Sash Ratio Guidelines									
Unit Type	Operating				Stationary				Maximum Sash Ratio
	Minimum		Maximum		Minimum		Maximum		
XO/OX Unit	12 19/32	(320)	47 13/16	(1214)	12 3/16	(310)	66	(1676)	1/2
XOX Unit	12 19/32	(320)	48 5/16	(1227)	12 3/16	(310)	66	(1676)	1/3

**Insert Awning / Casement**

Minimum and Maximum Guidelines										
Unit Type	Inside Opening								Glass Limits	
	Min Width		Min Height		Max Width		Max Height		Max Glass	
	in	mm	in	mm	in	mm	in	mm	ft <sup>2</sup>	m <sup>2</sup>
NINCA	16 5/8	(422)	17 5/8	(448)	40 3/8	(1026)	60 1/4	(1530)	13 29/32	1.292
	16 5/8	(422)	17 5/8	(448)	36 3/8	(924)	86 1/4	(2191)	18 3/32	1.681
NINAWN	17 7/8	(454)	17 5/8	(448)	60 3/8	(1534)	48 1/4	(1226)	17	1.579
NINCP/ NINAP	14 5/8	(371)	14 1/2	(368)	86 3/8	(2194)	86 1/4	(2191)	30	2.787

**Casement Bows and Bays**

Casement Bow - min/max									
Unit Configuration		Rough Opening							
		Min Width		Min Height		Max Width		Max Height	
		in	mm	in	mm	in	mm	in	mm
4-Wide	O-P-P-O	69 5/8	(1768)	19 5/16	(491)	145	(3683)	73 15/16	(1878)
5-Wide	O-P-P-P-O	85 1/4	(2165)	19 5/16	(491)	145	(3683)	73 15/16	(1878)
6-Wide	O-P-P-P-P-O	100 1/8	(2543)	19 5/16	(491)	145	(3683)	73 15/16	(1878)

30 degree Bays - min/max									
30 Degree Bay		Rough Opening							
		Min Width		Min Height		Max Width		Max Height	
		in	mm	in	mm	in	mm	in	mm
1:2:1 Ratio	X-O-X	66 7/8	(1699)	19 5/16	(491)	140 9/16	(3570)	73 15/16	(1878)
	X-X-X	66 7/8	(1699)	19 5/16	(491)	73 3/8	(1864)	73 15/16	(1878)
1:1:1 Ratio	X-O-X	50 5/8	(1286)	19 5/16	(491)	104 9/16	(2656)	73 15/16	(1878)
	X-X-X	50 11/16	(1287)	19 5/16	(491)	104 9/16	(2656)	73 15/16	(1878)

45 degree Bays - min/max									
45 Degree Bay		Rough Opening							
		Min Width		Min Height		Max Width		Max Height	
		in	mm	in	mm	in	mm	in	mm
1:2:1 Ratio	X-O-X	62 5/8	(1591)	19 5/16	(491)	119 1/8	(3026)	87 15/16	(2234)
	X-X-X	62 5/8	(1591)	19 5/16	(491)	75 3/8	(1915)	87 15/16	(2234)
1:1:1 Ratio	X-O-X	46 3/8	(1178)	19 5/16	(491)	86 5/16	(2192)	87 15/16	(2234)
	X-X-X	46 3/8	(1178)	19 5/16	(491)	86 5/16	(2192)	87 15/16	(2234)

**Awning / Casement**

Minimum and Maximum Guidelines										
Unit Type	Frame Size								Glass Limits	
	Min Width		Min Height		Max Width		Max Height		Max Glass	
	in	mm	in	mm	in	mm	in	mm	ft <sup>2</sup>	m <sup>2</sup>
NCA	16 1/4	(413)	17 3/8	(441)	40	(1016)	60	(1524)	13 29/32	1.292
	16 1/4	(413)	17 3/8	(441)	36	(914)	86	(2184)	18 3/32	1.681
NAWN	17 1/2	(445)	17 3/8	(441)	60	(1524)	48	(1219)	17	1.579
NCAP/ NAWNP	14 1/4	(362)	14 1/4	(362)	86	(2184)	86	(2184)	30	2.787

**Direct Glaze Polygon**

Minimum and Maximum Guidelines - Direct Glaze Polygon and Rectangle										
Unit Type	Frame Size								Glass Limits	
	Min Width		Min Height		Max Width		Max Height		Max Glass	
	in	mm	in	mm	in	mm	in	mm	ft <sup>2</sup>	m <sup>2</sup>
Polygon/Rectangle	7	(178)	7	(178)	120	(3048)	120	(3048)	52 1/8	4.842

Minimum and Maximum Guidelines - Direct Glaze Polygon and Rectangle										
Unit Type	Inside Opening								Glass Limits	
	Min Width		Min Height		Max Width		Max Height		Max Glass	
	in	mm	in	mm	in	mm	in	mm	ft <sup>2</sup>	m <sup>2</sup>
Polygon/Rectangle	7 3/8	(187)	7 1/4	(184)	120 3/8	(3058)	120 1/4	(3054)	52 1/8	4.842

Unit Type	Frame Size				Inside Opening			
	Min		Max		Min		Max	
	Sq. Ft.	Sq. Meters	Sq. Ft.	Sq. Meters	Sq. Ft.	Sq. Meters	Sq. Ft.	Sq. Meters
Polygon/Rectangle	13/32	0.037	55 1/8	5.121	3/8	0.034	55 1/2	5.156

**Direct Glaze Round Top**

Minimum and Maximum Guidelines - Direct Glaze Round Tops														
Round Top Shape	Frame Size												Glass Limits	
	Min Width		Min Height		Min Springline		Max Width		Max Height		Max Springline		Max Glass	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	ft <sup>2</sup>	m <sup>2</sup>
RT1	28	(711)	14	(356)	N/A		96	(2438)	48	(1219)	N/A		30	(3)
RT2	28	(711)	21	(533)	7	(178)	96	(2438)	96	(2438)	82	(2083)	52 3/32	(5)
RT5	28	(711)	11 1/2	(292)	N/A		116	(2946)	57 31/32	(1472)	N/A		43 13/16	(4)
RT6	28	(711)	8	(203)	7	(178)	116	(2946)	96	(2438)	95	(2413)	52 3/32	(5)
RT7 and RT8	17 1/2	(445)	17 1/2	(445)	N/A		85 7/8	(2181)	85 7/8	(2181)	N/A		48 13/32	(4)
RT27	28	(711)	28	(711)	N/A		85	(2159)	85	(2159)	N/A		37 3/16	(3)

Minimum and Maximum Guidelines - Direct Glaze Round Tops														
Round Top Shape	Inside Opening												Glass Limits	
	Min Width		Min Height		Min Springline		Max Width		Max Height		Max Springline		Max Glass	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	ft <sup>2</sup>	m <sup>2</sup>
RT1	28 3/8	(721)	14 3/16	(360)	N/A		96 3/8	(2448)	48 3/16	(1224)	N/A		30	(3)
RT2	28 3/8	(721)	21 3/16	(538)	7	(178)	96 3/8	(2448)	96 3/16	(2443)	82	(2083)	52 3/32	(5)
RT5	28 3/8	(721)	11 11/16	(297)	N/A		116 3/8	(2956)	58 3/16	(1478)	N/A		43 13/16	(4)
RT6	28 3/8	(721)	8 3/16	(208)	7	(178)	116 3/8	(2956)	96 3/16	(2443)	95	(2413)	52 3/32	(5)
RT7 and RT8	17 7/8	(454)	17 11/16	(449)	N/A		86 1/4	(2191)	86 1/16	(2186)	N/A		48 13/32	(4)
RT27	28 3/8	(721)	28 3/8	(721)	N/A		85 3/8	(2169)	85 3/8	(2169)	N/A		37 3/16	(3)

*NOTE: RT5 - Actual Inside Opening Width (IOW) and Frame Size Width (ROW) values will vary depending on the ratio of the frame width to height, please contact your Infinity representative.*

**Sliding Patio Door**

Minimum and Maximum Guidelines								
Unit Configuration	Frame Size							
	Min Width		Min Height		Max Width		Max Height	
	in	mm	in	mm	in	mm	in	mm
2 - Panel Operator	53	(1346)	71 1/2	(1816)	95	(2413)	95 1/2	(2426)
3 - Panel Operator	79 1/2	(2019)	71 1/2	(1816)	106 1/2	(2705)	95 1/2	(2426)

**Sliding French Door**

Minimum and Maximum Guidelines								
Unit Configuration	Frame Size							
	Min Width		Min Height		Max Width		Max Height	
	in	mm	in	mm	in	mm	in	mm
2 - Panel Operator	59	(1499)	79 1/2	(2019)	95	(2413)	82	(2083)
3 - Panel Operator	106 1/2	(2705)	79 1/2	(2019)	106 1/2	(2705)	82	(2083)

**Integrity Inswing French Door**

Minimum and Maximum Guidelines								
Unit Type	Frame Size							
	Min Width		Min Height		Max Width		Max Height	
	in	mm	in	mm	in	mm	in	mm
1 - Panel Operator	30 5/16	(770)	79 1/2	(2019)	36 5/16	(922)	95 1/2	(2426)
2 - Panel Operator	59	(1499)	79 1/2	(2019)	71	(1803)	95 1/2	(2426)

**Integrity Outswing French Door**

Minimum and Maximum Guidelines								
Unit Type	Frame Size							
	Min Width		Min Height		Max Width		Max Height	
	in	mm	in	mm	in	mm	in	mm
1 - Panel Operator	30 5/16	(770)	79 1/2	(2019)	36 5/16	(922)	95 1/2	(2426)
2 - Panel Operator	59	(1499)	79 1/2	(2019)	71	(1803)	95 1/2	(2426)