

IG Unit Size Limit Guidelines

Class Thickness (mm)	Annealed Max Size (sqft)	Weight at Max Annealed Size Dual/Triple (lb)	Annealed Max Length (in)	HS Max Size (sqft)	Tempered Max Size (sqft)	Weight at Max Tempered Size Dual/Triple (lb)	HS and Temp Max Length (in)	Max Short Side Dimension Temp (in)
2.2	10	24/36	70	15	N/A	36/54	70	36
3.0	15	47/72	80	20	20	62/96	80	36
3.9	24	98/146	90	30	30	123/183	90	48
4.7	33	161/241	100	50	50	245/365	100	60
5.7	50	295/445	120	60	60	354/534	144	72
8.0	72	598/907	144	96	96	797/1210	144	96

IG Unit Maximum Dimension Per Airspace

Airspace Dimension Inches (mm)	Maximum Long Dimension Inches (mm)	Maximum Area SQFT (m ²)
1/4 (6.5)	80 (2032)	20 (1.9)
5/16 (8.0)	90 (2286)	30 (2.8)
3/8 (9.8)	100 (2540)	50 (4.6)
≥ 7/16 (≥ 11.5)	144 (3658)	60 (5.6)

Double-Pane Design Pressure Limits - Annealed Glass

Maximum Area in Square Footage

Glass Thickness (mm)	DP80		DP60		DP50		DP40		DP30		Recommended Maximum Length (in)
	Aspect Ratio ≤ 2	Aspect Ratio > 2	Aspect Ratio ≤ 2	Aspect Ratio > 2	Aspect Ratio ≤ 2	Aspect Ratio > 2	Aspect Ratio ≤ 2	Aspect Ratio > 2	Aspect Ratio ≤ 2	Aspect Ratio > 2	
2.2	4	3	7	5	9	6	10	8	10	10	70
3.0	7	6	11	8	15	10	15	13	15	15	80
3.9	10	9	16	13	21	15	24	20	24	24	90
4.7	14	13	20	18	27	21	33	27	33	33	100
5.7	18	18	27	24	35	29	45	37	50	50	120
8.0	29	28	41	39	52	47	72	72	72	72	144

Triple-Pane Design Pressure Limits - Annealed Glass

Maximum Area in Square Footage

Glass Thickness (mm)	DP80		DP60		DP50		DP40		DP30		Recommended Maximum Length (in)
	Aspect Ratio ≤ 2	Aspect Ratio > 2	Aspect Ratio ≤ 2	Aspect Ratio > 2	Aspect Ratio ≤ 2	Aspect Ratio > 2	Aspect Ratio ≤ 2	Aspect Ratio > 2	Aspect Ratio ≤ 2	Aspect Ratio > 2	
2.2	7	5	10	7	10	9	10	10	10	10	70
3.0	11	8	15	12	15	14	15	15	15	15	80
3.9	16	13	24	19	24	24	24	24	24	24	90
4.7	20	18	32	25	33	33	33	33	33	33	100
5.7	27	24	41	33	50	40	50	50	50	50	144
8.0	41	39	60	53	72	72	72	72	72	72	144

