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Flat Glass Products - Tempering  
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 All-Glass Doors - Shower Enclosures  
 StoreFront and Curtain Wall Systems  
 Aluminum Entrances

**ALL GLASS ENTRANCE SYSTEM  
 GLASS SIZE GUIDELINES**

**Maximum Door Sizes**

		Full Width Rails* (Type P)			Patch Fittings+ (Type AGA)			Patch Top Fitting/ Full Width Bottom Rail (Type B/P)		
		Glass Thickness	3/8"	1/2"	3/4"	3/8"	1/2"	3/4"	1/2"	3/4"
			3/8"	1/2"	3/4"	3/8"	1/2"	3/4"	1/2"	3/4"
<b>Concealed</b>	Width (In.)	36	42	36	36	42	36	42	36	
	<b>Overhead</b>	Height (In.)	84	108	84	84	102	84	102	84
<b>Closer</b>		Glass Weight (Lbs.)	105	205	210	105	194	210	194	210
<b>Floor</b>	Width (In.)	36	48	48	36	42	36	48	36	
	<b>Closer</b>	Height (In.)	84	108	120	84	102	96	108	96
		Glass Weight (Lbs.)	105	234	400	105	194	240	234	240

\* Guidelines as per the Glass Association of North America's *Fully Tempered Heavy Glass Door and Entrance Systems Design Guide*.

**MAXIMUM PANEL SIZES FOR PANELS  
 RESTRAINED AT TOP AND BOTTOM ONLY**

Unsupported Span Top to Bottom	Recommended Minimum Thickness of Tempered Glass
5'	1 / 4"
8'	3 / 8"
10'	1 / 2"
Over 10'	Contact Factory

**CAUTION:** Panel sizes above will not comply with NY State Building Code Section 2403.4 Interior Glazed Areas: Where interior glazing is installed adjacent to a walking surface, the differential deflection of two adjacent unsupported edges shall not be greater than the thickness of the panels when a force of 50 pounds per linear foot is applied horizontally to one panel at any point up to 42 inches above the walking surface.

Open narrow joints between panels may catch or pinch fingers. The best preventative is to avoid open joints by filling them with silicone. An alternative is to install permanent clamps approximately every four feet to couple the adjoining panels together to prevent relative movement between panels.

**SOURCE** GANA Heavy Glass Doors Entrance Systems Design Guide