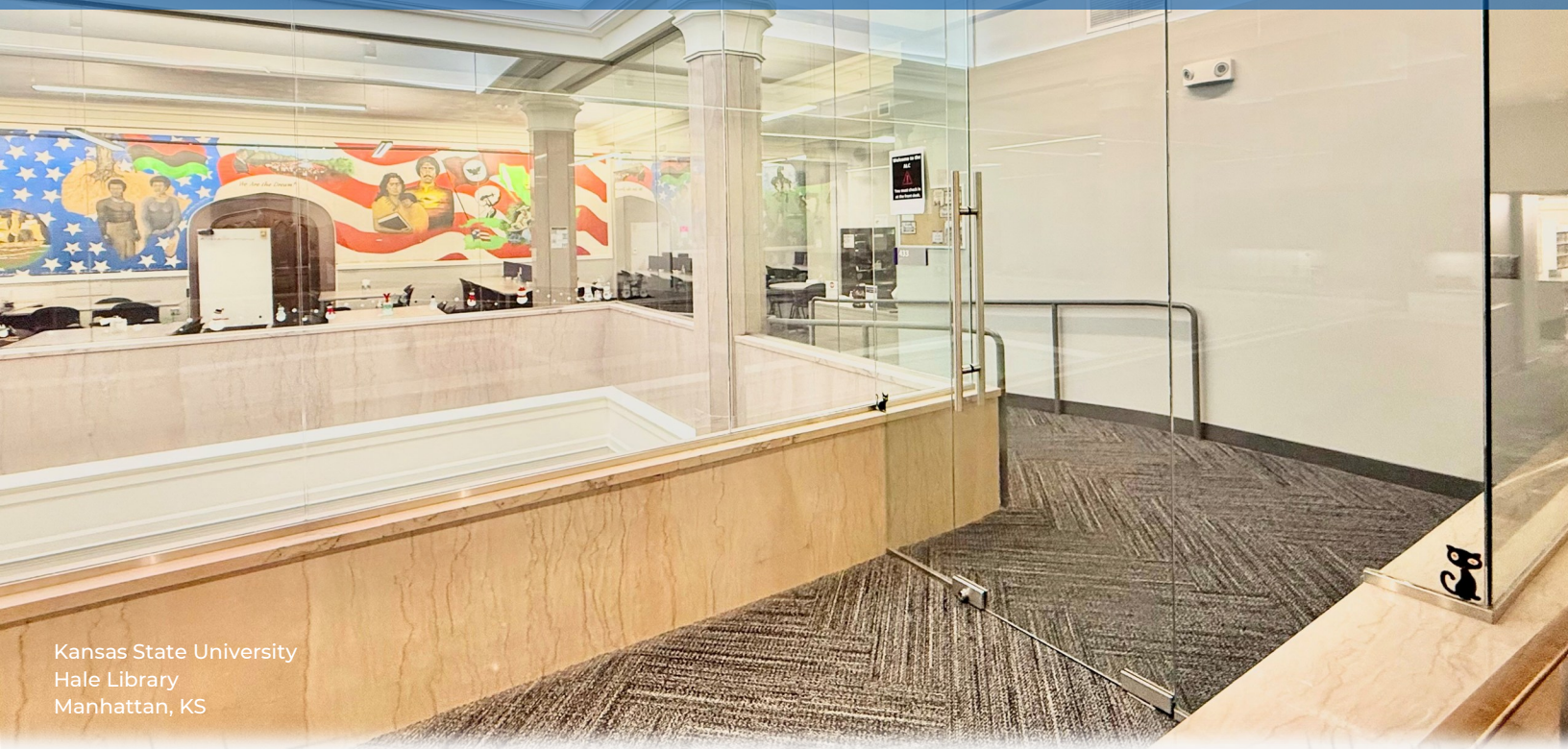


# All Glass Entrances



Kansas State University  
Hale Library  
Manhattan, KS

Manko Window Systems is proud to offer an extensive all glass entrance program. Manko works with multiple hardware vendors, including Assa Abloy, CRL Laurence, Dorma, and FHC to offer nearly any style of door with numerous custom glazing and designs to fit the needs of your project. Optional sidelite glazing can be used with Manko's all glass doors, creating an open environment with additional exterior light distributed further into the building.

When you choose a Manko all glass door, you can rest assured our fabrication experts precisely build the door to the exact specifications with careful quality control consideration taken to provide you a fabricated finished product ready for install.

## Product Features

Low maintenance entrance system

3/8", 1/2", and 5/8" glazing thicknesses

Laminated Glazing available for added sound control

Low-Iron glazing products available for improved clarity

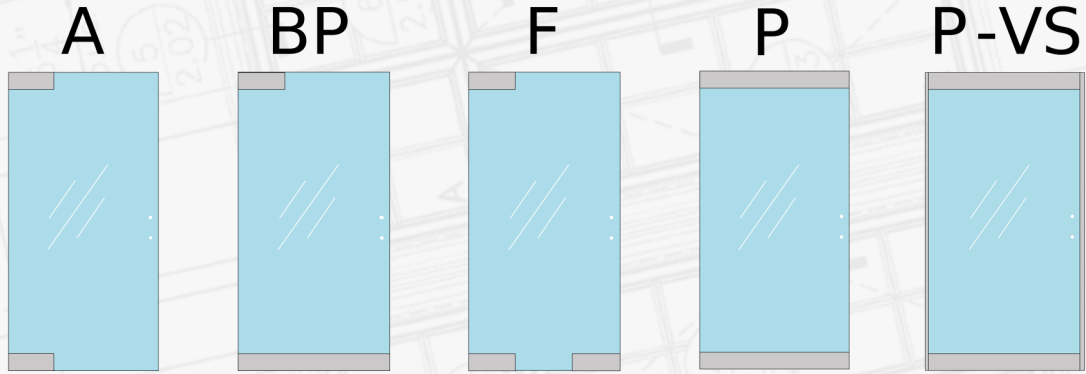
Digital Designs, tinted, and pattern glazing available

Various hardware options available

Multiple finish options available for hardware

In-house shop drawings by Manko available upon request

## All Glass Door Types



**A**  
Top and Bottom Patch

**BP**  
Top Patch and Bottom Rail

**F**  
Top and Bottom Patch w/ Locking

**P**  
Full Top and Bottom Rail

**P-VS**  
Full Top and Bottom Rail w/ Vertical Stiles

- All door types come standard with either a top or bottom closer
- Multiple standard and custom handle options available
- Multiple top and bottom rail heights available
- Floor, header, center housing, or mag locking options
- Barn Slider doors are available
- Various panic options are available on single or pairs of doors
- Depending on type and style of product selected, the following finishes are available: Brushed Stainless, Polish Stainless, Dark Bronze, Clear Anodized, Matte Black, and custom painted. Lead times will vary depending on finish

## ANA Recommended Maximum Interior Swinging Door Sizes

Fully Tempered and Tempered Laminated Glass

Class Thickness Glass Weight (approx.)		R/R (Full Rails)				P/P (Patching Fittings) and/or P/R (Rail Combinations)			
		3/8" (10mm) 5 lbs/sf	1/2" (12mm) 6.4 lbs/sf	5/8" (16mm) 8.1 lbs/sf	3/4" (19mm) 9.8 lbs/sf	3/8" (10mm) 5 lbs/sf	1/2" (12mm) 6.4 lbs/sf	5/8" (16mm) 8.1 lbs/sf	3/4" (19mm) 9.8 lbs/sf
Concealed Overhead Closer (200 lbs max, typ.)	Width	36"	42"	36"	36"	36"	42"	36"	36"
	Height	84"	108"	102"	84"	84"	102"	96"	84"
	Glass Weight	105 lbs	202 lbs	207 lbs	206 lbs	105 lbs	191 lbs	195 lbs	206 lbs
Floor Closer <sup>1</sup>	Width	36"	48"	48"	48"	36"	42"	42"	36"
	Height	84"	108"	114"	120"	84"	102"	102"	108"
	Glass Weight	105 lbs	230 lbs	308 lbs	392 lbs	105 lbs	191 lbs	241 lbs	265 lbs

<sup>1</sup>Consult specified closer hardware manufacturers for their size and weight capabilities

<sup>2</sup>Based on results from collaborative cyclical testing performed on patch fittings with laminated doors, patch fitting can be used with laminated glass in interior applications with controlled temperatures below 75 degrees F. Note that testing was performed on panels with 0.060 in. standard PVB, and ionomer. Prior to specifying other laminate thickness or material for use in these applications, consult the hardware manufacturer for approval.



Visit [www.mankowindowsystems.com](http://www.mankowindowsystems.com)  
Or scan the QR code for more information on  
Manko's All Glass Entrances