

MANKO 7035 SERIES 3 1/2" ARCHITECTURAL GRADE FIXED and VERTICAL SLIDING (SINGLE HUNG) WINDOW SYSTEM GENERAL PERFORMANCE AND CAPABILITIES



This heavy duty window system was designed for vertically sliding (hung) ventilation applications while still maintaining the economy of systems much lighter in duty. The 7035 series has been tested to AAMA Architectural Window (AW) standards, and carries NFRC 100, 200, and 500 certification. The main frame depth is 3 1/2" overall. Main frame and operating sash construction is mortise and tenon joinery with dual integral screw races. All operable sash are dual weather stripped, and can be removed from the interior without the use of special tools. Integral pull handles with spring loaded snap locks are standard. Cam action sweep locks are available. Balances are available in heavy duty spiral balances, or as class 5 balances. Perimeter receptor systems and a full range of panning and snap trims are also available. Square interior removable glazing stops accommodate 1" glazing infills set in structural silicone. A two part polyurethane pour and debridged structural thermal barrier maximizes thermal performance.

- 3 1/2" Deep System
- Economical
- Architectural grade (AW) window system
- Thermally broken
- Tilt in operable sash
- Structurally tested per ANSI/AAMA 101
- Certified per NFRC 100, 200, and 500
- Heavy duty spiral or class 5 balances available
- Integral pull handle
- Spring loaded automatic sill locks are standard.
- Optional cam action sweep locks
- Dual weathering at operable sash
- Preglazed at factory
- Hermetically sealed blind options available
- Equal leg frames
- Horizontal stacking options
- Structural vertical mullions
- Available in anodized finishes
- Available in a full range of painted finishes
- Spandrel and composite glazing panels available
- Extruded screen frames
- Fiberglass, aluminum, or stainless steel screen options
- Custom configurations available with standard details
- Panning systems available
- Receptor systems available
- Optional starter sills with extensions
- Interior snap trims
- Manufactured with 6063 -T5 and 6063-T6 aluminum alloys

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AAMA PERFORMANCE RESULTS					
	AAMA Performance Rating	Air Infiltration @6.24psf	Water (psf)	Design Pressure	Structural Overload Pressure
Fixed (6035)	AW-PG100-F	≤ .1 cfm/ft ²	12.0psf	100psf	150psf
SH	AW-PG50-H	≤ .3 cfm/ft ²	10.0psf	50psf	75psf

Glazing Infill Options		
	1"	1 1/8"
Insulated	S	**O
**Hermetically sealed blind units are available		

7035 Series Hardware Options								
	Integral Continuous Pull Handle	Jamb Mounted Limit Stops	Spring Loaded Automatic Sill Locks	Single White Bronze Cam Action Sweep Lock	Dual White Bronze Cam Action Sweep Lock	Heavy Duty Spiral Balances	Class 5 Balances	Removeable Operable Sash
SH	S	O	S	O	O	*S	**O	S
S= Standard Hardware					O=Optional Hardware			
*Sash weight limitations apply					**Standard on sash weight exceeding 45lbs			

Sizing Capabilities for 7035 Series Windows (Frame Size)							
	Width		Height		Max FT ² with two ¼" lites	Max FT ² with two 3/16" lites	Max FT ² with two 1/8" lites
	Min	Max	Min	Max			
Fixed (2135xpt)	12	84	12	80	≤ 38	≤ 38	NA
SH With spiral balances	20	60	26	98	≤ 14	≤ 18	≤ 21
SH With class 5 balances	20	60	26	98	≤ 40	≤ 42	≤ 42

Whole Window U-Value (BTU/HxFT ²)	
COG U-Value	Whole Window U-Value Per NFRC-100*
	Single Hung
0.41	0.56
0.38	0.54
0.35	0.52
0.32	0.50
0.29	0.48
0.26	0.45
0.23	0.43
0.20	0.41
All values shown are calculated with Manko standard Tri-Seal insulated units	

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