

MANKO 6035 SERIES 3 1/2" HEAVY COMMERCIAL GRADE FIXED and HORIZONTAL SLIDING WINDOW SYSTEM



This heavy duty window system was designed for horizontal ventilation. The 6035 series has been tested to AAMA Heavy Commercial (HC) Window 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. Rollers are stainless steel. 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.

Manko Window
Systems Inc.
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Manko – Aurora, CO.
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Manko – Des Moines, IA.
3001 McKinley Avenue
Des Moines, IA. 50321
PH: (515) 288 7427
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- 3 1/2" Deep System
- Economical
- Architectural Window grade (AW) window system
- Thermally broken
- Single or double sliding configurations (XX, OX, XO)
- Specialty Configurations available (OXO, XO, OXXO)
- Structurally tested per ANSI/AAMA 101
- Certified per NFRC 100, 200, and 500
- Dual Stainless Steel Rollers
- Integral pull handle
- Spring loaded automatic locks are standard.
- Removeable operable sash
- Optional cam action sweep locks
- Dual weathering at operable sash
- Preglazed at factory
- Hermetically sealed blinds
- 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
- Custom profiles available
- Manufactured with 6063 –T5 and 6063-T6 aluminum alloys

MANKO 6035 SERIES 3 1/2" HEAVY COMMERCIAL GRADE FIXED and HORIZONTAL SLIDING WINDOW SYSTEM GENERAL PERFORMANCE AND CAPABILITIES

AAMA PERFORMANCE RESULTS					
	AAMA Performance Rating	Air Infiltration @6.24psf	Water (psf)	Design Pressure	Structural Overload Pressure
Fixed	AW-PG100-F	≤ .1 cf _m /ft ²	12.0psf	100psf	150psf
Horizontal Slider	CW-PG65-HS	≤ .3 cf _m /ft ²	10.0psf	65psf	97psf

Glazing Infill Options		
	1/4"	1"
Insulated	O	S*
*Hermetically sealed blind units are available		

6035 Series Hardware Options								
	Tandem Stainless Steel 3/8" Rollers	Field Adjustable Rollers	Stainless Steel Roller Track Cap	Integral Continuous Pull Handle	Head Mounted Limit Stops	Spring Loaded Automatic Jamb Locks	Single White Bronze Cam Actions Sweep Lock	Dual White Bronze Cam Actions Sweep Lock
XO/OX	S	S	O	S	O	S	O	O
XOX	S	S	O	S	O	S	O	O
S= Standard Hardware					O=Optional Hardware			

Whole Window U-Value (BTU/H×FT ²)		
COG U-Value	Whole Window U-Value Per NFRC-100*	
	Fixed	Horizontal Sliding
0.41	0.49	0.61
0.38	0.46	0.59
0.35	0.44	0.57
0.32	0.41	0.55
0.29	0.38	0.53
0.26	0.36	0.50
0.23	0.33	0.48
0.20	0.30	0.46
All values shown are calculated with Manko standard Tri-Seal insulated units		

Sizing Capabilities for 6035 Series Windows (Frame Size)					
	Width		Height		Max FT ²
	Min	Max	Min	Max	
Fixed	12	84	12	80	≤ 38
XO/OX	30	98	20	78	≤ 30
XOX	36	98	20	78	≤ 40

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