# MANKO 3232xpt SERIES 3 1/4" ARCHITECTURAL GRADE FIXED, PROJECTED, AND CASEMENT WINDOW SYSTEM STRUCTURAL 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 cfm/ft$^2$ | 12.0psf | 100psf | 150psf |
| Projected | AW-PG80-AP | ≤ .1 cfm/ft$^2$ | 12.0psf | 80psf | 120psf |
| Casement | AW-PG80-AP | ≤ .1 cfm/ft$^2$ | 12.0psf | 80psf | 120psf |

## 3232xpt Series Hardware Options

| | 4 Bar Hinge w/friction Shoe | Butt Hinges | Auxillary Friction Device | Limit Device | Single Arm Roto Operator | Dual Arm Roto Operator | Cam Handle | Pole Ring Cam Handle | Access Control Custodial Lock | Lift Lock |
|---|---|---|---|---|---|---|---|---|---|---|
| Project In | S | | O | O | | | S | O | O | |
| Project Out | S | | O | O | | *O | *S | O | O | *O |
| Casement | O | S | O | O | S | | O | | | S |

S= Standard Hardware O=Optional Hardware

*Lift locks are standard with roto operators, and whenever vents exceed 42" tall when using cam handles.

## Sizing Capabilities for 3232xpt Series Windows (Frame Size)

| | Width | | Height | | Max FT$^2$ |
|---|---|---|---|---|---|
| | Min | Max | Min | Max | |
| Fixed | 12" | 100" | 12" | 100" | ≤ 36 |
| Projected (cam handle hardware) | 15" | 60" | 15" | 41" | ≤ 16 |
| Projected (cam handle hardware with auxillary jamb locks) | 15" | 60" | 42" | 60" | ≤ 20 |
| Projected (rotary operator with auxillary jamb locks) | 22" | 60" | 16" | 60" | ≤ 20 |
| Casement (rotary operator with lift lock) | 18" | 36" | 18" | 60" | ≤ 12 |

## Glazing Infill Options

| | | ¼" | 1" | 1 3/8" | 1 ½" | 1 ¾" | 2" | 2 ½" |
|---|---|---|---|---|---|---|---|---|
| Standard | | | S | | O | S | O | O |
| -GO (Grid Option) | | | S | | O | | O | |
| *Dual Glazing | Ext Lite | | | S | | | | |
| | Int Lite | S | | | | | | |

*Between the glass 5/8" aluminum blinds are available with dual glazing.

**Hermetically sealed blind units are available


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