

# 3135xpt & 3141xpt Series

## Hung Windows



University of Kansas  
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Lawrence, KS

In response to stricter energy code requirements, the **3135xpt series** (3 1/2" frame depth), and the **3141xpt series** (4 1/16" frame depth) were developed using polyamide crimped in place structural thermal barriers in lieu of the traditional pour & debridged thermal break system. Framing is further thermally enhanced by strategically placed non-structural, convection and radiation barriers. This combination allowed for an increase in thermal performance to levels not previously attained in an architectural grade hung windows.



**3135xpt** (3 1/2" Frame Depth)



**3141xpt** (4 1/16" Frame Depth)

### Product Features

- Fixed & Single Hung
- AW Hung Window System
- Polyamide Thermal Strut
- Standard 1" Glazing Infill
- Vertical & Horizontal Stacking Options
- Standard Class 5 Balances
- Integral Extruded Lift Rail
- Panning & Receptors Systems Available
- NFRC 100, 200 & 500 Certified
- Class 1 Anodized Finishes
- AAMA 2605 Paint Finishes
- Dual Finishes Available

### 3135xpt AAMA Performance Values

Type	Performance Rating	Air Infiltration (ASTM E283)	Water Resistance (ASTM E547 & E331)
Fixed	AW-PG100	≤ 0.1 cfm/ft <sup>2</sup>	12 PSF
Hung	AW-PG70	≤ 0.3 cfm/ft <sup>2</sup>	12 PSF

### 3135xpt NFRC U-Values

Glass Types	Fixed	Operable
Clear SN 68 #2 / Clear	0.37 (0.33)	0.40 (0.37)
Clear SNX 62/27 #2 / Clear	0.36 (0.32)	0.39 (0.36)
Clear SB60 #2 / Clear	0.37 (0.33)	0.40 (0.38)
Clear SB70 #2 / Clear	0.36 (0.32)	0.39 (0.36)
Clear SN 68 #2 / IS 20 #4	0.32 (0.29)	0.36 (0.33)

\* Values Calculated with Manko's Warm Edge Spacer      Values Subject to Change without Notice

### 3141xpt AAMA Performance Values

Type	Performance Rating	Air Infiltration (ASTM E283)	Water Resistance (ASTM E547 & E331)
Fixed	AW-PG100	≤ 0.1 cfm/ft <sup>2</sup>	12 PSF
Hung	AW-PG70	≤ 0.3 cfm/ft <sup>2</sup>	10 PSF

### 3141xpt NFRC U-Values

Glass Types	Fixed	Operable
Clear SN 68 #2 / Clear	0.37 (0.33)	0.40 (0.37)
Clear SNX 62/27 #2 / Clear	0.37 (0.33)	0.40 (0.37)
Clear SB60 #2 / Clear	0.37 (0.33)	0.40 (0.37)
Clear SB70 #2 / Clear	0.37 (0.33)	0.40 (0.36)
Clear SN 68 #2 / IS 20 #4	0.32 (0.30)	0.36 (0.34)

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