

## **Insight Windows (AL, WD)**

Meticulously crafted, where open sightlines and narrow frames connect the balance between outside and in, Insight Windows by Quaker have been engineered to create a seamless transition and dynamic view of the world around you.

Offered with a full aluminum construction or with a blended wood interior, Insight takes a thematic approach to how windows can transform the spaces in which we live. Styled to match the individuality of who you are and built to compliment the intricacies of contemporary architectural design.



Insight Windows are more than just aesthetics; they are built with advanced energy efficiency and durability in mind. Whether you choose the full aluminum construction or the warm wood interior, each window is crafted to enhance both the visual appeal and functionality of your home. Elevate your living space with Insight Windows.



## Insight Window (AL, WD) Highlights, Performance and Operations

- **Enahnced Architectural Grade Aluminum Frame** 
  - 4" Frame Depth
  - 4-9/16" and 6-9/16" Jamb Depths
- Azo-Core Thermal Barrier System for Increased Energy Efficiency and Reduced Thermal Conductivity
- Multiple Glazing Package Options Compliment Region and Climate
- Structural Mull Availability Offers Wider and Taller Sizing Options
- Exterior Glazing for Enhanced Look
- Available with Aluminum or Wood Interior
  - Wood (WD): Pine, Clear Alder, Douglas Fir, White Oak
  - Aluminum (AL): Two-Tone Color Finish Available
- Internal or Simulated Divided Light (SDLs) Grids Available

- High-Performance 2604 and 2605 Powder and Class 1 Anodized Finishes
- Custom Color Matching and Heat Reflective Paint **Options**
- Easily Removable FlexScreen System

| Window Sizing |       |      |        |      |  |  |  |  |  |
|---------------|-------|------|--------|------|--|--|--|--|--|
| Omewsties.    | Width |      | Height |      |  |  |  |  |  |
| Operation     | Min   | Max  | Min    | Max  |  |  |  |  |  |
| Awning        | 22"   | 72"  | 18"    | 60"  |  |  |  |  |  |
| Casement      | 18"   | 36"  | 24"    | 84"  |  |  |  |  |  |
| Direct Set    | 12"   | 144" | 12"    | 144" |  |  |  |  |  |

| Window Performance                                       |           |                             |                     |                   |                 |             |  |  |
|--|-----------|-----------------------------|---------------------|-------------------|-----------------|-------------|--|--|
| Operation  | Rating    | Structural Load<br>(P.S.F.) | Air<br>Infiltration | Water<br>(P.S.F.) | U-Value         | SHGC        |  |  |
| Awning   |           |                             |                     |                   | AL: 0.25 - 0.30 |             |  |  |
| Casement   | R/LC - 50 | 50.13                       | 0.01                | 7.52              | WD: 0.27 - 0.32 | 0.20 - 0.32 |  |  |
| Direct Set   |           |                             |                     |                   | (simulated)     |             |  |  |
| All test Information Included in this chart is projected |           |                             |                     |                   |                 |             |  |  |

## **Interior & Exterior Color Options**



## **Insight-WD Interior Prefinish Options**





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**Insight-WD Interior Wood Options** 









