

575

FRAMELESS OPERABLE WINDOW INSERT

FEATURES

Open Out Configuration

- No exterior visible framing provides a frameless effect
- Zero sightlines
- Accommodates 1" double or 1 3/4" triple glazing units
- Adaptable for SSG applications
- U value as low as 0.35 (1" glazing)
- U value as low as 0.26 (1 3/4" glazing)
- NAFS: Class CW-PG70-AP
- A440 - A3, C5, B7
- 3-1/2" deep overall profile



COMPATIBILITY

- Compatible with Windspec Windows and Curtain Walls
- May also be compatible with existing window and curtain wall assemblies. Please inquire for further analysis.

HARDWARE

Top Hung Open Out - Standard:

- Pivot shoe operator on sill
- 1 claw lock per jamb
- 4-bar friction hinges (concealed)

Top Hung Open Out - Optional:

- Manual cam handles (not compatible with screen)
- Prep for Teleflex (hinges only - must specify butt hinges or friction hinges when ordering)
- Teleflex or motorized application not included – contact sales rep for recommended installer
- Pole operator for hard-to-reach situations
- Custodial lock
- Opening Limiter

Casement - Standard:

- Pivot shoe operator on jamb
- 2 claw locks on jamb
- 4-bar friction hinges on head/sill (concealed)

Casement - Optional:

- Custodial Lock
- Opening Limiter

BENEFITS

Windspec's 575 frameless vent allows for a seamless operable unit in window or curtainwall framing without affecting exterior sightlines.

By limiting exterior aluminum components, we have achieved thermal performance values far beyond industry standards.

ADAPT / INNOVATE / DELIVER

MATERIALS

- All aluminum to be 6063-T6 tempered
- Interior/exterior glazing gaskets: extruded EPDM – 60 durometer
- Stainless steel fasteners

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available: Duracron (one-coat)
Duranar (2 coat)
Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)



Key Performance Figures

PROPERTY	STANDARD ALLOWANCE	RESULT	DESIGNATION
Air Infiltration @ 300 Pa	Fixed Level: <0.5 L/s m ²	0.08 L/s m ²	AP-CW (A3)
Air exfiltration @ 300 Pa	Fixed Level: <0.5 L/s m ²	0.08 L/s m ²	AP-CW (A3)
Static Water Penetration	No Leakage @ 730 Pa	Pass	AP-CW (B7)
Structural Design	No permanent damage @ various chosen pressure points	Pass	AP-CW 70
Forced Entry	Remove all exterior fasteners using common tools within 5 minutes period	Pass	Grade 20

Applicable Standards

- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-08
- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-09 Canadian Supplement Section 5
- Air leakage: ASTM E283
- Water penetration: ASTM E331
- Structural performance: ASTM E330