

535

HIGH PERFORMANCE OPERABLE WINDOW AND CURTAINWALL INSERTS

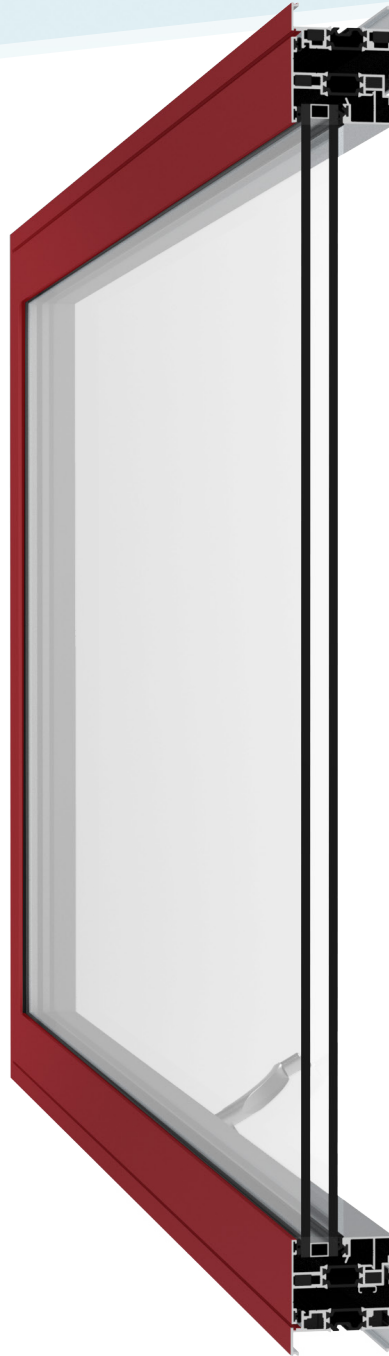
FEATURES

- 2-13/16" deep profile
- Compatible with 1" double glazed and 1-3/4" triple glazed sealed units
- Available in 2 color finishes
- High performance glass reinforced polyamide thermal break allows for high thermal performance without affecting the structural integrity of the units
- Available in open-in and open-out configurations
- Pressure equalized
- Tested to NAFS and CSA standards
- Thermal simulations conducted as per NFRC

BENEFITS

The 535 series is streamlined, energy-efficient, and customizable to your project design aesthetics. With a sleek profile, and optional curtain wall functionality, these windows redefine versatility.

With integrated drainage, and impressive U values for more energy savings.



ACCESSORIES

Top Hung Open Out - Standard:

- Pivot show operator on sill
- 2 claw locks on jambs
- 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:

- Roto operator on sill
- 2 claw locks on jambs (on units 31-9/16" in height and shorter)
- Multipoint lock (on units 31-5/8" in height and taller)
- Aluminum exposed butt hinges

Casement - Optional:

- Egress Units to have manual cam handle and butt hinges
- NOTE: this configuration cannot be used for ventilation
- Custodial Lock
- Opening Limiter

Bottom Hung Open In - Standard:

- 2 manual cam handles with keepers on header
- 4-bar friction hinges (concealed)

Bottom Hung Open In - Optional:

- Spring catch
- Comes with cam handle for pole operator
- Pole sold separately
- Custodial lock

MATERIALS

- All aluminum to be 6063-T6 tempered
- Thermal Break polyamide 6.6, 25% glass fiber reinforced
- Interior/exterior glazing gaskets: extruded EPDM – 60 durometer
- Stainless steel fastener

FINISHES

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



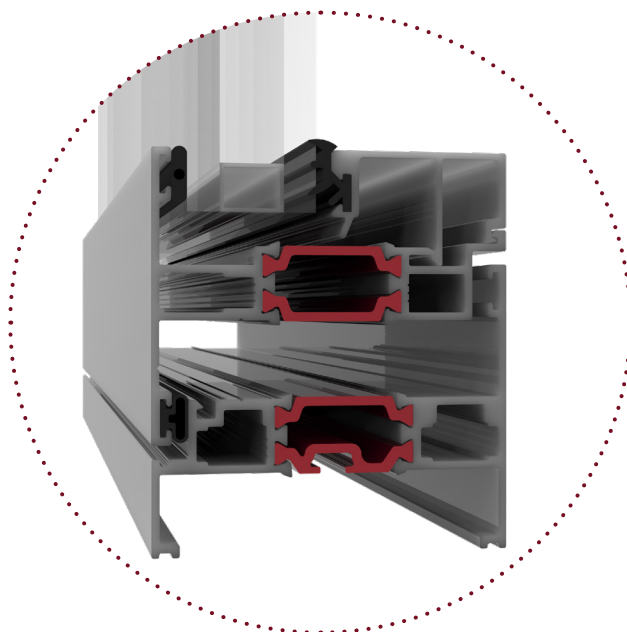
535 Hopper



535 Awning



535 Casement



Key Performance Figures

PROPERTY	STANDARD ALLOWANCE	RESULT	DESIGNATION
Air infiltration @ 300Pa	<0.5 L/s m2	0.02 L/s m2	AP-AW (A3)
Air exfiltration @ 300Pa	<0.5 L/s m2	0.03 L/s m2	AP-AW (A3)
Static water penetration	No leakage @ 730Pa	No leakage @ 730Pa	AP-AW100 (B7)
Structural design	No permanent damage @ various chosen pressure points	No permanent damage @ 4320Pa	AP-AW60
Forced entry	Remove all exterior fasteners using common tools within 5-minute period	No removable exterior fixtures	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
- Wind load calculations: CAN3-S157