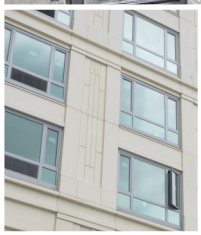
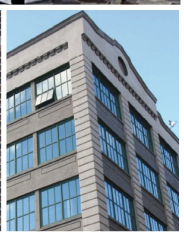
NORTHERN
ARCHITECTURAL SYSTEMS

1600 SERIES

3 ¼" FRAME DEPTH

CASEMENT | AWNING | FIXED





PRODUCT OVERVIEW

From revitalizing historic buildings to creating new construction façades, the 1600 Series is one of our most versatile and elegant products. Featuring sleek modern hardware, putty reveal and narrow sightlines, the 1600 Series is designed to exceed expectations.

STANDARD FEATURES

- 1" Insulated glass
- Thermally broken sash and frame
- Double crimped corner key construction
- Concealed 4-bar stainless steel hinges
- Integrated pull bead handle with multipoint locking
- Multiple joinery options between operable and fixed
- Narrow sightlines with putty reveal to replicate historic and landmark profiles
- Compression gaskets for improved thermal and acoustic performance

OPTIONAL FEATURES

- White Bronze Cam handle operation
- Roto operator
- Muntin grids exterior, between the glass, interior applied
- True divided lites
- Fiberglass mesh screens
- 4" limit device
- Window Opening Control Devices (WOCD)
- Add-on Flanges (1 ⅛", 2")

AVAILABLE ACCESSORIES

- Receptor system
- Panning
- Trim

TYPE	AAMA RATING	STRUCTURAL LOAD (psf)	TEST SIZE	WIND SPEED (mph)	AIR (cfm/ft^2)	WATER (psf)	U-VALUE [1]
Casement	AW-65 / 80	97.5 / 120	36" x 60"	50 (6.24psf)	<0.1	12	0.38 - 0.45
Fixed	AW-65 / 90	97.5 / 135	60" x 99"	50 (6.24psf)	<0.1	12	0.35 - 0.38
Awning	AW-65 / 80 / 85	97.5 / 120 / 127.5	60" x 36"	50 (6.24psf)	<0.1	12	0.35 - 0.45
Fixed / Awning	AW-45 / 50 / 70	67.5 / 75 / 105	60" x 96"	50 (6.24psf)	<0.1	12	0.35 - 0.45

Performance data based on testing by AAMA Accredited Laboratory, NFRC Simulation software or independent testing. Actual results will vary based on field conditions, locations, size/configurations or glazing options. Be sure to verify the performance requirements for your particular project. [1] U-Values will vary depending on the glazing selected. Please contact Northern for further information.

Proud Member

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