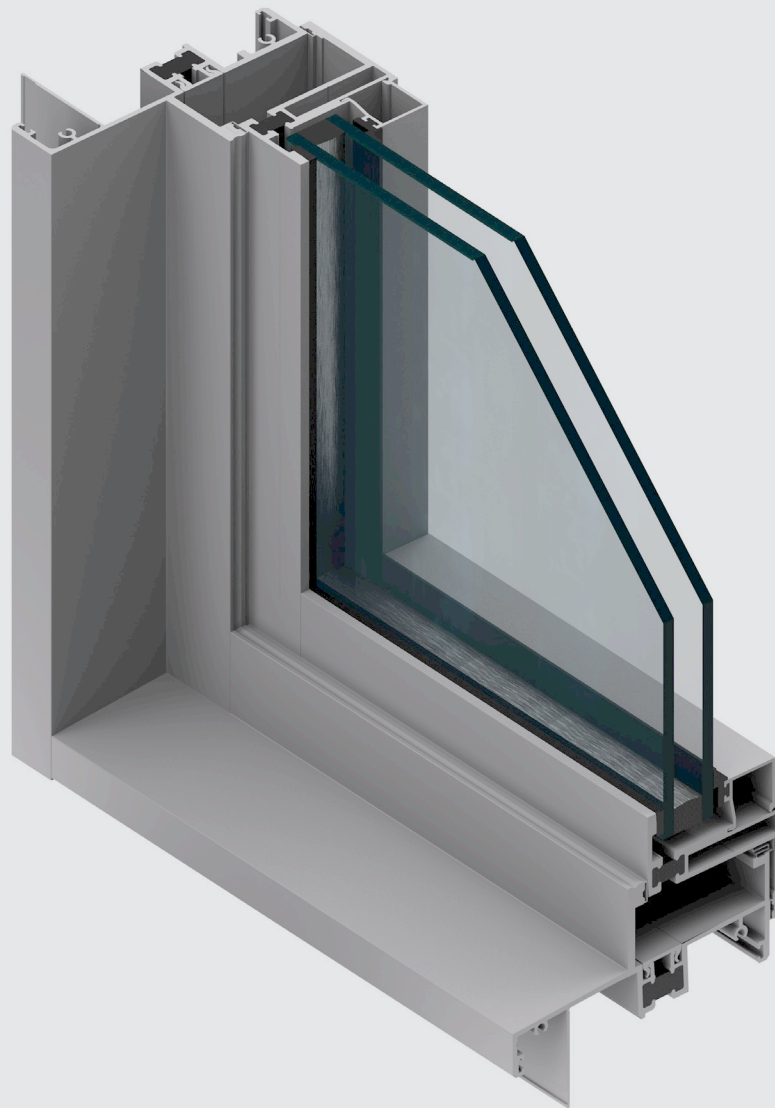


Series 670 Hopper Window



Build Better

CLASSIC LINE: High-quality moving glass walls and windows that combine exceptional performance with clean design.

Series 670 Hopper Window

The Series 670 Hopper Window hinges on the bottom and opens inward from the top. Typically wider than it is tall, the hopper window is ideal for providing natural light and ventilation to areas where there is limited space for window to open outwardly. It combines clean design and optimal performance with a commitment to superior craftsmanship. It is available in widths from 16" to 60" and heights from 16" to 48." The window is tested for air, water, and structural performance and is certified by the NFRC and AAMA.

ENERGY EFFICIENCY

A .48 U-value for standard low-E, dual-pane glass gives the window excellent energy efficiency. Glass can be customized in a variety of coatings, tints, and thicknesses for improved privacy, protection, and thermal efficiency. The thermally broken aluminum frame provides an insulating barrier that increases energy performance.

FEATURES

Depending on the size and placement, the hopper is available with pawl handle or ring-pull latch with an extension pole. All fasteners are stainless steel. Durable aluminum-frame screens complement the window's clean, contemporary style. Screen frames match the window frame's color and are mounted to the exterior.

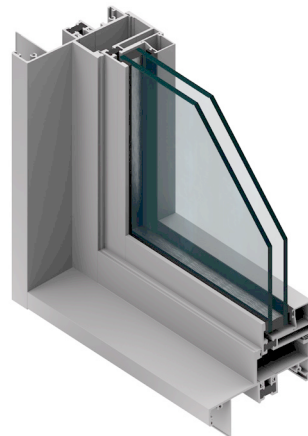
FINISHES AND COLORS

Finishes are available in-stock or as designer selections, and they can be customized to match nearly any color. Bronze Anodized and Satin Anodized come standard with a Class 1 coating thickness for increased smoothness and durability. Our designer colors include a high-quality paint finish that conforms to a minimum rating of AAMA-2605, currently the highest rating for organic finishes.

PERFORMANCE

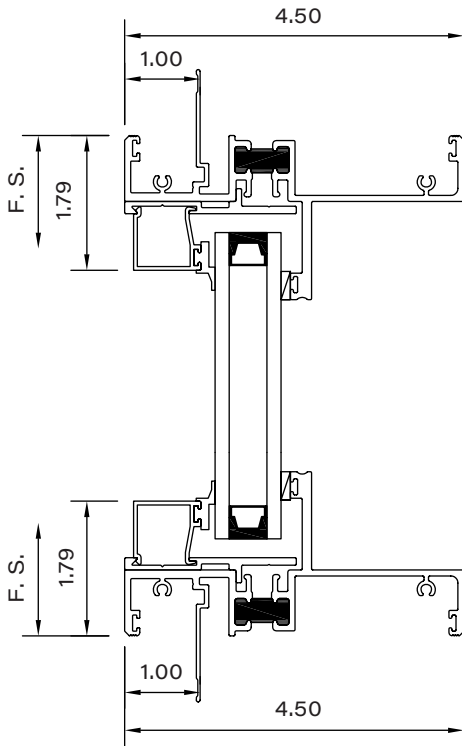
Frame Depth	4 1/2"
AAMA Product Designation (AAMA/WDMA/CSA101/I.S.2/A440 Designation)	LC-PG25-48x36-AP
Test Configuration	48" x 36" X
Air Infiltration (Per ASTM E 283)	.00 cfm/sf @1.57 psf
CSA A440 Air	N/A
Water Resistance (Per ASTM E 547)	9.2 psf
Uniform Load Deflection (Per ASTM E 330)	25 psf
Uniform Load Structural (Per ASTM E 330)	37.5 psf
Forced Entry Resistance	ASTM F588 Type B and CAWM 301 Type II
U-Factor (Per NFRC 100)*	0.48
CR (Per NFRC 500)*	37
CRF Frame (Per AAMA 1503)	52

Actual values may vary depending on product specifications and configuration.
*Glass Makeup = 1" OA E366/Argon/Clear

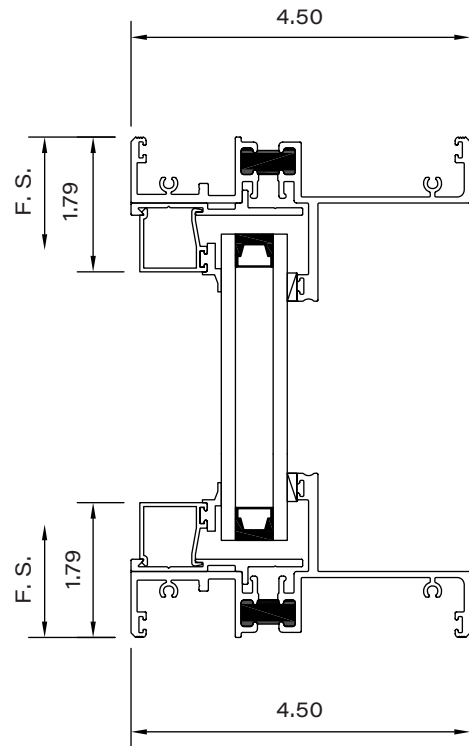


Series 670 Hopper Window

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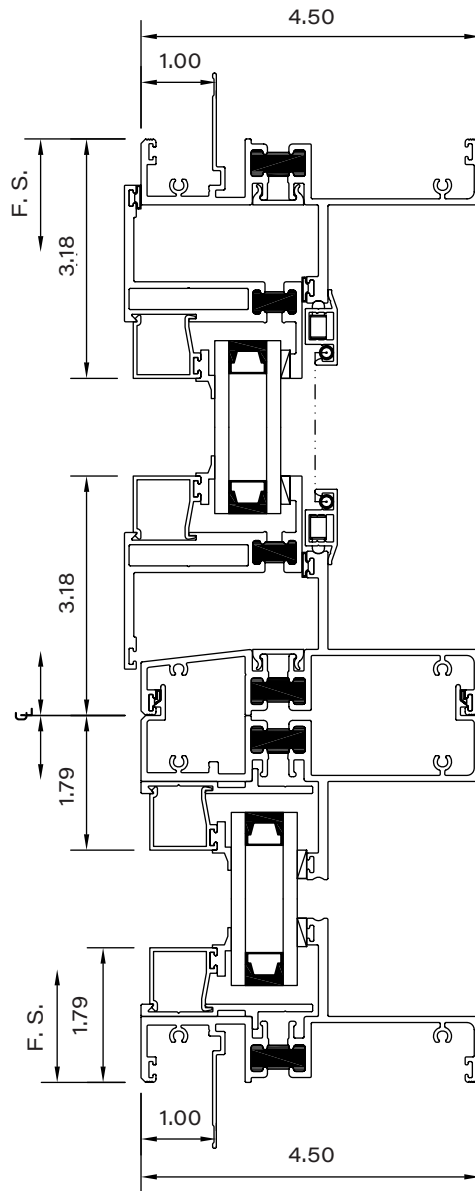


fixed vertical section
1" nail-fin frame



fixed vertical section
equal leg block frame

Series 670 Hopper Window



hinged over fixed vertical section
1.00" nail-fin frame