

Specifications

Frame:

Frame is made from thermally broken .060" thick 6063-T6 extruded aluminum with mechanically locked Azon Azo-Brader™ poured and debridged thermal break in accordance with AAMA QAG. Frame depth is 2-9/16". Sill is weeped with weepslot covers.

Sash:

Sash is made from thermally broken .060" thick 6063-T6 extruded aluminum using mechanically locked Azon Azo-Brader™ poured and debridged thermal break in accordance with AAMA QAG. Sash thickness is 1-1/8". Interior glazed sash using aluminum glazing beads. Standard operation is OX with the right sash operating as viewed from the exterior. XO operation is available. Operating sash is removable.

Installation:

Factory applied aluminum fin system designed to install into metal building systems. Snap on aluminum classic brickmould profile nosing to cover side nail fins. Head and sill fins have integral drip edges. Aluminum mull connectors available to join multiple frames together in width or height.

Finish:

Standard aluminum finish is powder coated white or bronze to meet AAMA 2604.

Hardware:

Sash is locked with sweep style black polycarbonate sash lock(s). Call size heights 4-0 or larger use two locks. Sash operates on two brass sash rollers.

Weatherstripping:

Sash has woven pile with fin weatherstrip on both sides to seal to the frame.

Glazing:

All units are made with IGCC certified 3/4" insulated glass units with 1/8" thick (3mm) glass. Available glazing options include LowE coating with argon gas, tempered glass, tinted glass, and capillary tubes. The exterior glazing seal is a bed of silicone with a polyethylene foam tape dam. The interior glazing seal is a compressed bulb weather seal.

Screen:

Factory installed removable half screen. Charcoal color fiberglass screen cloth in an aluminum frame to match the frame color.

Grilles:

Insulated glass units are available with Grille - In - Airspace (GIA). Available grille profiles are 5/8" flat and 11/16" contour.

Performance Rating:

Unit is WDMA Hallmark certified to standard AMMA/WDMA/CSA 101/I.S.2/A440, with a rating of LC-PG30, DP +40/-40, for a frame size of 71" x 60" or less and is listed on WDMA's Hallmark Certified Products list, <http://www.wdma.amscert.com/>, as CCL# 0830-H-004. Unit is NFRC certified to the values in the NFRC Rating Values chart below and can be verified in NFRC's Certified Products Directory, <http://search.nfrc.org/Search/SearchDefault.aspx>.

NFRC Rating Values					
Glazing Option	NFRC CPD #	U-Factor	SHGC	VT	CR
Clear IG/Air	BNB-N-7-00001-00001	0.61	0.63	0.65	30
Bronze Tint IG/Air	BNB-N-7-00001-00003	0.61	0.50	0.48	30
LowE/Air	BNB-N-7-00002-00001	0.47	0.32	0.56	31
LowE/Argon	BNB-N-7-00003-00001	0.44	0.31	0.56	31