The Series 672 double hung window retains an AAMA Architectural Grade rating and is a proven performer in projects ranging from historical replication to new construction. The upper sash meeting rail is thermally improved using a two-part high density polyurethane. All remaining members are thermally enhanced with E-Strut™ thermal isolators. Offered with a complete line of sub frames, mullions and architectural sills, this product family provides the complete solution for fenestration needs.

### Features

| E-Strut™ thermal isolator | Improves U-Value performance  
| Dual finish capability  
| Completely eliminates dry shrinkage  
| Continuous interlock meeting rails | Improves air infiltration resistance  
| Dual glazing | Improved energy savings  
| Weather-striped sash and sill | Provides superior air and water performance  
| Automatic top and bottom sash locks available | Increased convenience  
| Trim-All™ panning available | Allows matching of existing sight lines in restoration projects  
| Screen frames of extruded aluminum alloy are available | Stronger, more durable screens  
| Accessory line of subframes, mullions, and architectural sills | Allows custom designs with standard product  
| Anodized or painted finishes available | Multiple options to answer economic and aesthetic concerns  

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Series 672 Double Hung • Series 6620 Fixed
3 7/8” Architectural Grade Double Hung Thermal Window

PERFORMANCE DATA

S-672 DOUBLE HUNG ARCHITECTURAL GRADE

AAAMA RATING (A440-05) ................................................... H-AW60
AIR INFILTRATION .......................................<.30 CFM/SF @ 6.24 PSF
WATER ............... NO LEAKAGE @ 12.0 PSF
STRUCTURAL .............±90.0 PSF
CRF-FRAME (1503-98) ..................... 51*
CRF-GLASS (1503-98) ........... 60*

S-6620 CORRESPONDING FIXED WINDOW ARCHITECTURAL GRADE

AAAMA RATING (A440-05) .................................................FW-AW60
AIR INFILTRATION .......................................<.06 CFM/SF @ 6.24 PSF
WATER ...................................................... NO lEAkAGE @ 15.0 PSF
STRUCTURAL ...................................................................... ±120 PSF
CRF-FRAME (1503-98) ................................................................. 69
CRF-GlASS (1503-98)................................................................... 59
VAlUE (1503-98) .......................................................................... 61
U-VAlUE (NFRC-97) ..................................................................... 56

S-672 glAzing cHART

POlyCARBONATE GlASS OR PANEl
1/8” 3/16” 1/4” 1/8” .156”* 3/16” .200”* 1/4” 1/4”** 1/2” 5/8” 3/4” 7/8” 1” 1-1/8” 1-1/4” 1-1/2” 1-3/4” 2”
MONOlITHIC & INSUlATED GlASS
A A A A A A A
DUAL GLAZING EXTERIOR LITE A A
INTERIOR LITE A A

S-6620 glAzing cHART

POlyCARBONATE GlASS OR PANEl
1/8” 3/16” 1/4” 1/8” .156”* 3/16” .200”* 1/4” 1/4”** 1/2” 5/8” 3/4” 7/8” 1” 1-1/8” 1-1/4” 1-1/2” 1-3/4” 2”
MONOlITHIC & INSUlATED GlASS
A A A A A A A A A A A A A A A
DUAL GLAZING EXTERIOR LITE I I I I I I I I I I I I I I I I A
INTERIOR LITE A A

672 THERMAL U-FACTORS*

<table>
<thead>
<tr>
<th>CENTER OF GLASS</th>
<th>CONFIGURATION AND SIZE</th>
<th>U-FACTOR</th>
</tr>
</thead>
</table>
| 4" X 39" | DBL HUNG** | 0.47
| 6" X 62" | DBL HUNG** | 0.48

S-672 DOUBLE HUNG HARDWARE CHART

SASH Frame CONSTRUCTION

Some size restrictions may apply depending on hardware selected.

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Main Frame Construction
The frames have a depth of 3 7/8" and are constructed of 6063-T6 aluminum alloy. The nominal material wall thickness for the frame is .080", and the sill has a minimum wall thickness of .094". Corners are of screw spline construction and sealed. See Illustration 1.

Sash Frame Construction
The sash consists of aluminum members with .080" nominal material wall thickness of 6063-T6 alloy. Corners are of screw spline construction and sealed. Dual weather-stripped continuous interlock at the sash meeting rail(s) offers superior weathering and structural performance. See Illustration 2.

Thermal Barrier
The upper sash meeting rail is thermally improved using two-part, high density polyurethane. All remaining members are thermally isolated with two thermal struts consisting of glass reinforced polyamide nylon, mechanically crimped in raceways extruded in the exterior and interior extrusions. See Illustration 3.

Weather Stripping
All sash are weather-stripped with FIN-SEAL® or equal. Two holes per sash and two slots through the window frame facilitate weepage.

Screens
Screen frames are extruded 6063-T6 aluminum alloy. Screens are easily removed by retracting two plungers located on the interior face of the screen frame near the sill at each jamb. Full or half screens are available. 18 x 16 mesh screens are available in fiberglass and .011" diameter aluminum. 18 x 18 mesh screens are available in .009" diameter stainless steel.

Hardware
Sweep locks, access controlled sweep locks, pole ring sweep locks, and keepers are of cast white bronze with a US25D finish. The automatic head and the optional automatic sill locks are fabricated of aluminum alloy and finished to match the window. A high performance torsion spring and extension spring balance, rated Class 5 with a .30 MAF* ratio is standard. See the Hardware Chart for available hardware types.

Glazing
Sash is inside glazed with an extruded aluminum snap-in glazing bead. Glazing of 1/4" to 1 1/8" can be accommodated. Dual glazing is also available in 3/16" and 1/4" glass. Series 6620 fixed frame windows accommodate glass or panels from 1/8" to 3 1/2" thick. See the Glazing Chart for the exact size.