

H3 Casement



At the core of the H3 Casement is our patented Fusion Technology™. It integrates three materials—extruded aluminum, vinyl and solid wood—into one complete window. This unique fusion results in improved durability and performance, noticeably enhanced aesthetics, an extreme seal and easier installation.

Standard Construction:

- 0.055" thick extruded aluminum exterior.
- Hidden, extra-strong 0.078" thick extruded vinyl main frame with integral nail fin, fully welded at four corners for air and watertight seal.
- 5-3/4" overall frame depth with standard 4-9/16" jamb depth.
- 1-3/4" sash thickness, with narrow 1-5/8" stile and rails and 1-1/8" architectural sash setback.
- Seamless factory mulling up to 5-wide (120") with continuous head and sill with mull post. Optional factory box (jamb-to-jamb) mulling up to 4-wide (132").
- Truth Encore dual arm operators allows for sash to be open 90 degrees for easy cleaning.

MINIMUM / MAXIMUM FRAME SIZES

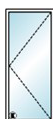
Custom sizing available in 1/16" increments. Additional sizes may be available upon approval.

H3 CASEMENT - OPERATING		H3 CASEMENT - STATIONARY/PICTURE	
Minimum Frame Width	17.5"	Minimum Frame Width	13.5"
Minimum Frame Height	23.5"	Minimum Frame Height	13.5"
Maximum Frame Width	35.5"	Maximum Frame Width	120"
Maximum Frame Height	83.5"	Maximum Frame Height	120"
		Maximum Square Feet	42



Pictured: H3 Casement with offset frame option.

Performance Data:



Operating Casement: 35.5" x 83.5"

AIR INFILTRATION0.01/0.01/A3
 WATER..... NO LEAKAGE @ 7.52 PSF
 STRUCTURAL..... R-PG50 (+50/-60)*



Casement Picture: 71.5" x 83.5"

AIR INFILTRATION...0.01/0.01/FIXED
 WATER..... NO LEAKAGE @ 5.43PSF
 STRUCTURAL CW-PG35 (+35/-35)



Multi-wide Casement: 117.5" x 71.5"

AIR INFILTRATION.....0.02/0.01/A3
 WATER NO LEAKAGE @ 5.43 PSF
 STRUCTURAL.....LC-PG35 (+35/-35)

For a comprehensive list of tested and rated sizes and configurations, please refer to the H3 Casement Product Performance Guide (Structural) located in the Technical Resources Library on our website.

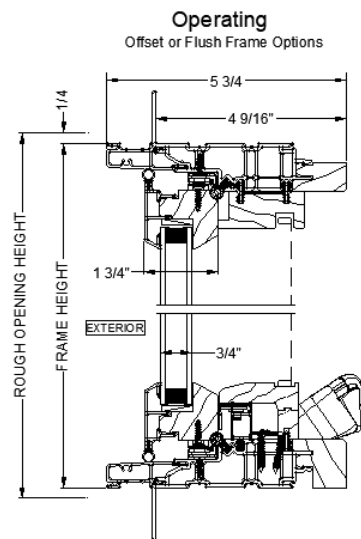
*Unit requires limit device or Window Opening Control Device (WOCD) to meet the hardware load to meet CW performance class.

Thermal Performance (NFRC):

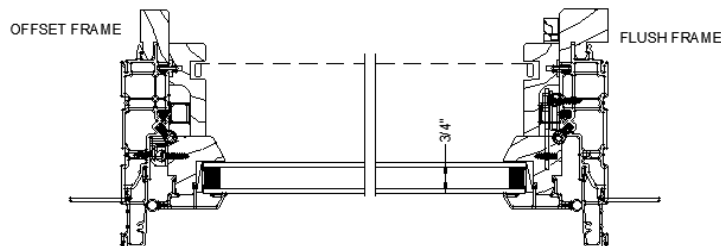
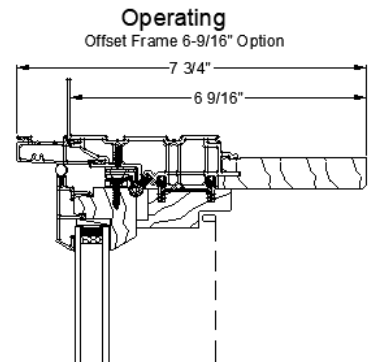
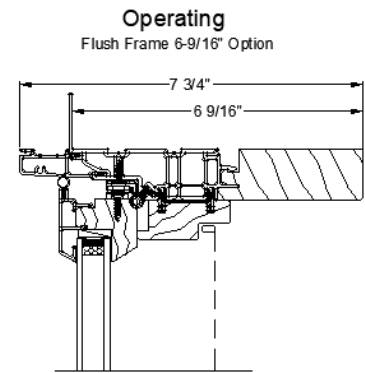
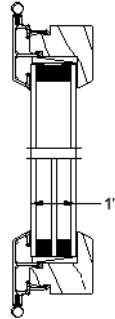
Air Filled			Argon Filled		
Low-E 272 Clear	Low-E 366	Triple IG (LE272/LE180/LEi89)	Low-E 272 Clear	Low-E 366	Triple IG (LE272/LE180/LEi89)
U-FACTOR.....0.31	U-FACTOR.....0.30	U-FACTOR.....0.22	U-FACTOR.....0.28	U-FACTOR.....0.27	U-FACTOR0.20
SHGC..... 0.31	SHGC... ..0.20	SHGC..... 0.26	SHGC... ..0.30	SHGC..... 0.20	SHGC... ..0.26
VT0.52	VT.....0.47	VT 0.45	VT..... 0.52	VT 0.47	VT..... 0.45
CR 54	CR..... 55	CR 49	CR.....57	CR 58	CR 53

All values represent insulated glass units using standard black warm edge spacer. Additional glazing options available.

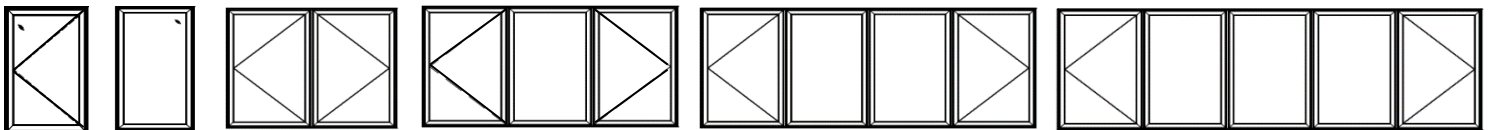
For a comprehensive list of glazing configurations, please refer to the H3 Casement Product Performance Guide (NFRC) located in the Technical Resources Library on our website.



1" INSULATED OR
1" TRIPLE INSULATED
GLASS OPTION



Additional product details may be found on our website www.sierrapacificwindows.com/ProfessionalResources/TechnicalLibrary



Typical configurations shown. Handing as viewed from the exterior. Contact us for additional options.

Factory mulling up to 5-wide (120") continuous head & sill with mull post. Up to 4-wide (132") as tight (jamb-to-jamb) box mulls.



**Continuous Head
& Sill Mull Post**



Tight Mull



1/4" Plate Mull

OPTIONAL EXTERIOR CASINGS



3.5" Flat Casing



2" Ovalo



2" Flat Casing



2" Brickmould

H3 Casement Additional Features

- Baked on, electrostatically applied powder coat finish with virtually no VOC's, with three design collections in AAMA 2605 and Matte Textured in AAMA 2604 specifications.
- Extensive offering of performance glass available in black warm edge or Cardinal spacer for optimum efficiency.
- Grille options including Simulated Divided Lites and Grilles-Between-Glass.
- Factory applied black or white primed interior, Ultra Coat painted interior, or Ultra Stain interior.

Please visit our website www.sierrapacificwindows.com for additional details or to contact your nearest Sierra Pacific Branch or Dealer Location.

*Place Business Card or
Company Information Here*