

VWS70 Performance Overview

Window Type	AAMA Rating	Test SizeAction	Air Infiltration	Water Resistance	Design Pressure	Uniform Load	U Value -Double	U Value- HVIG
VHS100 Single Hung	CW-PG40	1400*2300	0.15 L/s-m	360Pa	40.1 psf	60.15 psf	0.35	0.24
VHD105 Double Hung	CW-PG40	1400*2300	0.15 L/s-m	360Pa	40.1 psf	60.15 psf	0.40	0.26

Physical performance test standard: ASTM E283/E283M-2019; ASTM E547-00 (R2016); ASTM E330/E330M-2014(R2021); ASTM F588-17;

AAMA/WDMA/CSA101/I.S.2/A440-17 Clause 9.3.1, Clause 9.3.6.4.2, Clause 9.3.6.5.2

Thermal performance test standard: ANSI/NFRC 100-2023,ANSI/NFRC 200-2023,NFRC 500-2017

American Style Aluminium Hung Windows

VHS100-Single Hung Window VHD105 Double Hung Window

The pursue of high thermal performance drived us to combine aluminium passive house windows and the up to date vacuum insulating glass.Different from traditional PVC windows/wood windows,Aluminium windows frame offer colorful options and long durability ,VIG(vacuum insulating glass) brings down overall windows U value significantly.AAMA and NFRC testing against VIG windows proved its thermal performance, lifetime energy saving makes our windows a marvelous energy investment.

FEATURES

- Dual Thermal Bridge 603-T5 Aluminium Profile
- R-16 Vacuum Insulating Glass
- Caldwell Hung Windows Balances
- Maintenance Holes + Anti-Collision Blocks
- Tilt-in Sash to enable easy Cleaning
- High Performance- Best U value =0.24

WINDOWS OPTIONS

- Surface Treatment-AAMA 611 | AAMA 1504-98 | 2604-98 | 2603-98
- Colors -4 Standard Color Options
- Glass - Single VIG | DGU | TGU | HVIG, Max 28mm
- Hardware- Caldwell Quick Tile | Progidy | Ultra Lift
- Screens -Insect Screen | Vandal Screen
- Grids-Multiple Grid options to realize different visual effect.

