

SECONDARY WINDOW RETROFIT SWR

UPGRADE WINDOWS WITHOUT REMOVAL OR REPLACEMENT

Energy-saving secondary glazing system for upgrading single- and older double-pane windows at a fraction of the cost of replacement. INOVUES' patent-pending breathable SWR system can passively vent without letting in dust, providing high thermal performance while eliminating excessive heat and moisture build-up in the insulating cavity, unlike traditional solutions. Installs easily from the interior without reducing the daylight opening.

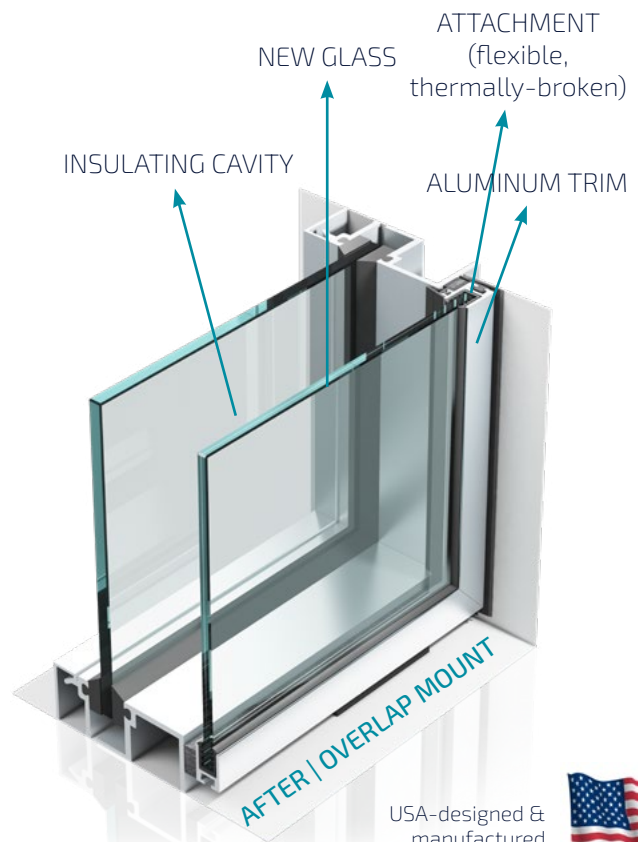
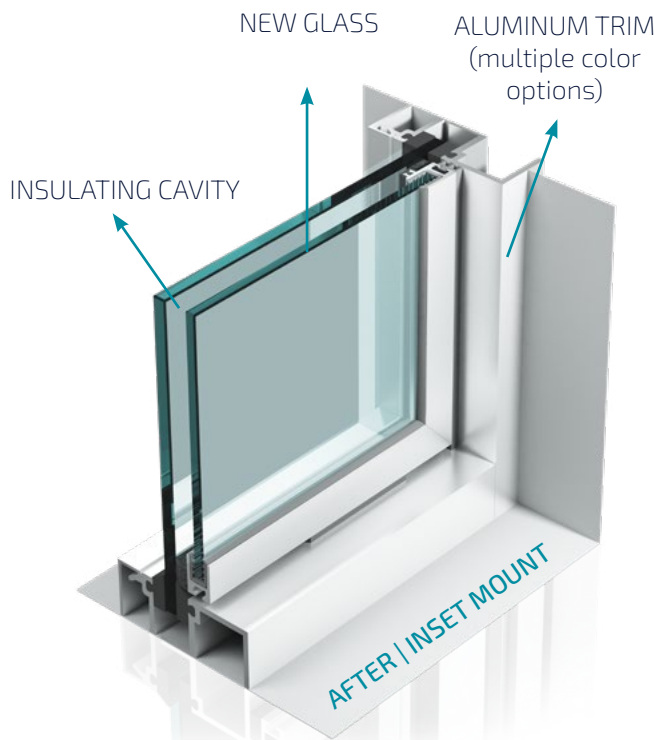
PROVIDES UP TO:

- 10X** Faster Payback
- 40%** Energy Savings
- 30%** Operational Carbon Savings
- 70%** Embodied Carbon Savings
- 2-3X** Improved Thermal Comfort
- 65%** Improved Acoustic Comfort
- 0 Tons** Hauled to Landfill

COSTS AS LOW AS :

- 10%** Cost of Replacement
- \$\$\$** Eligible for Cash & Tax Incentives

Magnitude of benefits varies depending on the local climate, energy costs, existing systems, and the specified retrofit system options, particularly glass selection.



USA-designed & manufactured





INOVUES SWR retrofit (butt-jointed overlap-mount) at One Maritime Plaza, San Francisco, maintains the daylight opening and does not interfere with the existing perimeter HVAC covers.

SWR PERFORMANCE

	Existing	+ SWR	+ SWR-IG	+ SWR-VIG
Glass	Single-Pane, Clear	+ Single-Pane, Low-E	+ Double-Pane Insulating Glass, Low-E, Argon	+ Double-Pane Insulating Glass, Low-E, Vacuum
U-Value (Total)	0.97 Btu/hr ft ² F 5.52 W/m ² K	0.42 Btu/hr ft ² F 2.39 W/m ² K	0.29 Btu/hr ft ² F 1.71 W/m ² K	0.22 Btu/hr ft ² F 1.18 W/m ² K
R-Value (CoG)	1	3	6	13
SHGC	0.73	0.41	0.19	0.21
VLT	0.76	0.38	0.30	0.27

U-Value, Center-of-Glass (CoG) R-Value, Solar Heat Gain Coefficient (SHGC), and Visible Light Transmittance (VLT) calculated using methods set by the National Fenestration Ratings Council (NFRC) and the Attachments Energy Rating Council (AERC), together with the industry-standard WINDOW 7.8 and THERM 7.8 software by the Lawrence Berkeley National Laboratory (LBNL). U-value / R-value measure the insulating properties of a window. They are reciprocal: a lower U-value / higher R-value indicates better insulation. SHGC measures the amount of solar heat that enters the building through the glass. VLT measures the amount of visible light that passes through the glass — higher VLT generally translates to brighter, naturally lit interiors.

QUICK & EASY INSTALLATION and removal, if needed, with minimal occupant disruption means lower cost and no decrease in productivity. Compatible with most existing non-operable framing systems and adaptable for single to double or triple pane, double to triple pane. Offered with a 10-year limited warranty.

INSTALLATION
VIDEO



COUNTLESS GLASS OPTIONS, from clear low-E glass to the latest technologies, turning your façade into a continuously renewable asset.

REQUEST A COST-BENEFIT ANALYSIS (CBA) OR A CUSTOM SWR SAMPLE:

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