

QUANTAPANEL® Insulating Glass System 500 Series (Exterior)

The QUANTAPANEL® Insulating Glass System (IGS) is an advanced, modern day version of what was once known as a storm window, which, when installed on the exterior of your existing window, delivers equivalent to superior energy savings and comfort enhancement as that delivered by a “state-of-the-art” (i.e., Energy Star) replacement window.

The **QUANTAPANEL® 500 Series** is designed primarily for single family residential properties and multi-family dwellings with less than 5 stories. The functionality of each product is designed to mirror the functionality of the underlying prime window (i.e., double hung, horizontal slider, picture window, etc.). These products have been installed on numerous private and public buildings.

The chart below shows typical performance results that can be realized by installation of a QUANTAPANEL® 500 Series IGS on an existing single glazed window.¹

PERFORMANCE	PARAMETER	EXISTING CONDITION	QUANTAPANEL® IGS Installed
Insulating	U-Factor (BTU/hr-ft ² F)	1.12 – 0.88	0.36
Solar Heat Gain	SHGC	0.72	0.52
Air Infiltration	(cfm/ft ² glass)	2 – 4	< 0.1
Noise Reduction	STC (Sound Transmission Class)	25	38

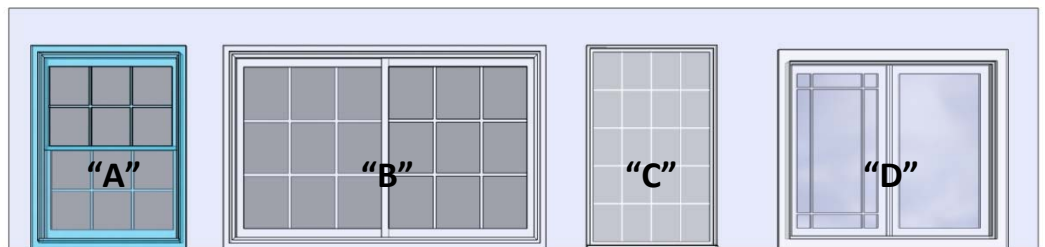


PRODUCT OPTIONS/SELECTION

Select the Style to match the underlying prime window.

Pick your color: standard and custom colors are available.

The QUANTAPANEL 500 Series IGS features a low-profile design to maximize the glass-to-frame ratio, and will install to achieve visual integration to your existing windows.



EXISTING WINDOW	QUANTAPANEL STYLE	DESCRIPTION
Double Hung (“A”)	QP- 504DH	2-track with screen.
Slider (“B”)	QP- 506SL	2-track with screen; 2 or 3 lite.
Fixed/Picture (“C”)	QP-502PW	Removable sash (exterior).
Casement (“D”)	QP-608JP	Single mountable panel.

¹ For detailed description of the specific performance parameters and whole building results, visit www.quantapanel.com.