



Mon-Ray 500 Series Performance Chart

The Mon-Ray 500 Series storm windows are the most versatile secondary glazing windows available in the market place today. Unlike other typical storm windows, the Mon-Ray 500 Series provides an attractive “flush” appearance that blends in with the surrounding architecture, including openings with special and custom radius shapes and miter angles.

The Mon-Ray 500 Series is available as a removable panel (Model 503) double-hung (Model 504) and horizontal glider (Model 505). All are available in a variety of standard paint and anodized finishes. Custom paint and anodized finishes are also available. There are also a wide variety of glass options and accessories, including exterior panning, vertical and horizontal H-Mull connectors, overhead sash balances and operating screens for interior mounted storm windows. Below is the performance information on the Mon-Ray 500 Series. Copies of test reports can be obtained by calling **(800) 763- 3646**.

Model Number	Description	Frame Depth	Glazing & Optional Glazing	AAMA Rating	Unit Test Size	Air 25MPH (CFM/SF) (CFM/LF)*	Water Infiltration (PSF)	Structural (PSF)***	STC**
503	Removable Panel	1"	1/8" DSB	R-30	4'-0" x 4'-0"	.5 CFM/LF	5	45	29-33
504	Double Hung	1"	1/8" DSB	R-30	3'-8" x 5'-2"	.5 CFM/LF	5	45	29-32
504	Double Hung	1"	1/8" DSB Tubular Sash	R-35	3'-8" x 5'-2"	.5 CFM/LF	5	52.5	29-32
504	Double Hung	1"	3/16" Tubular Sash	R-50	3'-8" x 5'-2"	.5 CFM/LF	5	75	29-32
505	Glider	1"	1/8" DSB	R-25	6'-0" x 4'-0"	.5 CFM/LF	5	37.5	29-31
505	Glider	1"	3/16" Tubular Sash	R-30	6'-0" x 4'-0"	.5 CFM/LF	5	45	29-31

* Windows with less than 18 feet of lineal sash crack shall not exceed 9.0 CFM at 25 mph.

** STC rating is for window unit alone. STC Data obtained in testing at independent testing laboratories. Variables such as window size, type and thickness of glazing material. etc. will affect individual test results. Higher STC values can be achieved when unit is installed in tandem with an existing window. Refer to AAMA 502 “Voluntary Specification for Field Testing of Windows and Sliding Glass Doors” for exact field-testing requirements.

*** Units tested with tubular sash rails and 1/8" and 3/16" glass.