

PRODUCT DATA SHEET

Series 3900i
Projected (Out)
2 3/4" Frame Depth

PERFORMANCE DATA ¹	OPERATION	AAMA RATING	TEST SIZE ² (inches)	AIR (cfm/ft ²) @ 6.24 psf	WATER (psf)	DESIGN PRESSURE (psf)	STRUCTURAL OVERLOAD (psf)	OITC	U-FACTOR (BTU/HR/FT ² /F)
		Project-Out	AW-PG120	60 x 108	<0.01	25	120	180	Consult AWM

¹Based on independent certified laboratory testing per AAMA/WDMA/CSA/101/1.S.2/A440. Field results will vary based on size, test methods, accessories & conditions

²F/PO/F

STANDARD FEATURES

- Thermal strut thermal barrier at frame for enhanced performance and dual finish capability
- Small sightline and deep integral bevel to perfectly suit historic steel replica applications
- Equal sightline makes vents and fixed lites virtually indistinguishable from the exterior
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Tubular meeting rails and vents with 0.125" wall thickness for superior structural performance
- Aluminum butt hinges for increased vent weight capacity and white bronze cam locks
- 1 1/8" insulated glass for increased thermal performance and sound attenuation
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes



OPTIONAL FEATURES

- True, exterior applied 3/4" deep or between the glass muntin grids
- Insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Multi-point locks, custodial hardware, roto-operators (outswing only), concealed 4-bar stainless steel hinges
- Factory preparation for field applied manual or motorized remote operators
- Limit devices (NYCDOH stamped where applicable)



THERMAL PERFORMANCE CHART ¹	WINDOW SIZE	CENTER OF INSULATED GLASS U-FACTOR/SPACER TYPE ("Alum."=Aluminum, "Warm"=Warm Edge) ²							
		0.33/Alum.	0.33/Warm	0.29/Alum.	0.29/Warm	0.24/Alum.	0.24/Warm	0.20/Alum.	0.20/Warm
	59 x 24*	0.553	0.541	0.528	0.516	0.498	0.485	0.455	0.445
48 x 72**	0.471	0.455	0.444	0.427	0.412	0.394	0.364	0.351	

¹Based on independent certified simulations in accordance with NFRC 100

*Designates NFRC Gateway size

²Consult AWM for additional configurations

**Based on equal Fixed/PO

12/14/18