

# PRODUCT DATA SHEET

**Series 4750i**  
Single Hung Side Load  
4 1/4" Frame Depth

PERFORMANCE DATA <sup>1</sup>	OPERATION	AAMA RATING	TEST SIZE (inches)	AIR (cfm/ft <sup>2</sup> ) @ 6.24 psf	WATER (psf)	DESIGN PRESSURE (psf)	STRUCTURAL OVERLOAD (psf)	OITC	U-FACTOR (BTU/HR/FT <sup>2</sup> /F)
	Side Load	AW-PG110	60 x 99	0.24	12	110	165	Consult AWM	See Below

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

## STANDARD FEATURES

- Superior thermal strut for maximum thermal performance and dual finish capability
- Side Load design with captured sash provides maximum strength and security
- Sash removable for maintenance by authorized personnel
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Available with straight or beveled glazing legs for aesthetic design flexibility
- Class 5 high performance balances lift 70% of the sash weight
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

## OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or 5/8" deep integral blinds (straight leg only))
- Class 6 balances for reduced operating force and 10-year warranty
- True, exterior applied or between the lites of dual glazing muntin grids
- 15 psf sill for increased water resistance
- Half insect screens (fiberglass, aluminum or stainless-steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening (NYCDOH stamped where applicable)



THERMAL PERFORMANCE CHART <sup>1</sup>	WINDOW SIZE (inches)	CENTER OF INSULATED GLASS U-FACTOR/SPACER TYPE ("Alum."=Aluminum, "Warm"=Warm Edge) <sup>2</sup>							
		0.33/Alum.	0.33/Warm	0.29/Alum.	0.29/Warm	0.24/Alum.	0.24/Warm	0.20/Alum.	0.20/Warm
	47 x 59*	0.470	0.453	0.445	0.428	0.416	0.397	0.374	0.362
	48 x 72	0.453	0.438	0.427	0.412	0.396	0.381	0.353	0.342

<sup>1</sup>Based on independent certified simulations in accordance with NFRC 100

<sup>2</sup>Consult AWM for additional configurations

\*Designates NFRC Gateway size  
2/5/21