



Phius Product Number: W-102089
Date Last Certified: 09/18/2024
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through: 09/18/2026
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Win-Dor 1750 Awning Window	
Manufacturer: Win-Dor Inc	Primary Frame Material: Vinyl
Series: 1750	Fixed or Operable: Operable
Model: 1750 Awning Window	Operation Type: Awning
NFRC CPD #: WDI-A-40-00486-00001	

IGU DETAILS

Glazing Name: E366 / arg / E180 (#4) / arg / i89 (4mm/4mm/4mm) - 1-1/4" IG		
Glass Layers: Triple	Gas Fill: Argon	Spacer: Quanex Super Spacer Standard

RECOMMENDED CLIMATE ZONES *(NOTE: This information is not for use in building energy models. See next section.)*

Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [Btu/hr·ft²·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓	✓	✓	✓		✓				
U-Whole-Window	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
Modeled Size [W×H]	59.06" × 23.62"		SHGC, Whole Window: 0.15				Condensation Resistance:			

COMPONENT-LEVEL PERFORMANCE DATA [IP Units] | Compatible with building energy modeling tools

U-COG Center of Glass U-Values, by Climate Zone [Btu/hr·ft²·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.24		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	3.27"	3.27"	3.27"	3.27"
Frame U-Value [Btu/hr·ft ² ·°F]	0.29	0.29	0.27	0.31
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0040	0.0040	0.0039	0.0043
Frame-to-Wall Psi Value is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				



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RECOMMENDED CLIMATE ZONES (NOTE: This information is not for use in building energy models. See next section.)

Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [W/m²K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓	✓	✓	✓		✓				
U-Whole-Window	1.05	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
Modeled Size [W × H]	1.50 m × 0.60 m		SHGC, Whole Window: 0.15				Condensation Resistance:			

COMPONENT-LEVEL PERFORMANCE DATA [SI Units] | Compatible with building energy modeling tools

U-COG Center of Glass U-Values, by Climate Zone [W/m²K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.68	0.74	0.74	0.73	0.74	0.74	0.74	0.74	0.74	0.74
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.24		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	83 mm	83 mm	83 mm	83 mm
Frame U-Value [W/m²K]	1.62	1.62	1.54	1.75
Glazing-to-Frame Psi Value [W/mK]	0.007	0.007	0.0068	0.0075
Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				