



Phius Product Number: W-102074
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 1550 Single Hung

Manufacturer: Win-Dor Inc

Primary Frame Material: Vinyl

Series: 1550

Fixed or Operable: Operable

Model: 1550 Single Hung

Operation Type: Single Hung

Number of Lites: Two-Lite

Two-Lite Orientation: Vertical

NFRC CPD #: WDI-A-38-00477-00001

IGU DETAILS

Glazing Name: E366 / arg / clear / arg / E180 (#5) (DS/DS/DS) - 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	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19

Modeled Size [W×H]

47.24" × 59.06"

SHGC, Whole Window: 0.18

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	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.13	0.13

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones

0.25

Frame Parameters	Upper Left Jamb	Upper Right Jamb	Head	Upper Meeting Rail
Frame Section	Left	Right	Top	Bottom
Frame Width	1.61"	1.61"	1.61"	1.54"
Frame U-Value [Btu/hr·ft ² ·°F]	0.27	0.27	0.27	0.32
Glazing-to-Frame Psi Value [Btu/hr·ft ² ·°F]	0.0108	0.0108	0.0104	0.0105

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)

Frame Parameters, Lite-Two	Lower Left Jamb	Lower Right Jamb	Lower Meeting Rail	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	2.99"	2.99"	1.54"	2.76"
Frame U-Value [Btu/hr·ft ² ·°F]	0.29	0.29	0.72	0.27
Glazing-to-Frame Psi Value [Btu/hr·ft ² ·°F]	0.0109	0.0109	0.0104	0.0101

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)

For vertical two-lite products, assume Lite One is on top and Lite Two is on the bottom. The sill of Lite One is the lower meeting rail. The head of Lite Two is the upper meeting rail. | 09/30/2024



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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	1.09	1.09	1.09	1.09	1.08	1.09	1.08	1.08	1.08	1.08

Modeled Size [W × H] 1.20 m × 1.50 m

SHGC, Whole Window: 0.18

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	0.78	0.77	0.77	0.78	0.77	0.77	0.77	0.77	0.76	0.77

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones

0.25

Frame Parameters	Upper Left Jamb	Upper Right Jamb	Head	Upper Meeting Rail
Frame Section	Left	Right	Top	Bottom
Frame Width	41 mm	41 mm	41 mm	39 mm
Frame U-Value [W/m ² K]	1.54	1.54	1.56	1.84
Glazing-to-Frame Psi Value [W/mK]	0.0187	0.0187	0.018	0.0182

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)

Frame Parameters, Lite-Two	Lower Left Jamb	Lower Right Jamb	Lower Meeting Rail	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	76 mm	76 mm	39 mm	70 mm
Frame U-Value [W/m ² K]	1.62	1.62	4.08	1.52
Glazing-to-Frame Psi Value [W/mK]	0.0189	0.0189	0.018	0.0176

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)

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