



Phius Product Number: W-102565
Date Last Certified: 11/21/2025
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through: 01/31/2028
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Cascadia Universal Series Inswing Hopper Window	
Manufacturer: Cascadia Windows & Doors	Primary Frame Material: Fiberglass
Series: Universal Series	Fixed or Operable: Operable
Model: Universal Series Inswing Hopper Window	Operation Type: Awning
NFRC CPD #: CWL-K-24-00060-00001	

IGU DETAILS

Glazing Name: E270/ Arg/ Clear/ Arg/ E180 (6mm) 44,0mm_CL		
Glass Layers: Triple	Gas Fill: Argon	Spacer: Cardinal Endur

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·ft ² ·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓	✓	✓	✓	✓	✓	✓			
U-Whole-Window	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
Modeled Size [W×H]	59.06" × 23.62"		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·ft ² ·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.32		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	4.13"	4.13"	4.13"	4.13"
Frame U-Value [Btu/hr·ft ² ·°F]	0.18	0.18	0.18	0.18
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0097	0.0097	0.0102	0.0102

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



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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/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓	✓	✓	✓	✓	✓	✓			
U-Whole-Window	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.92	0.92	0.93
Modeled Size [W × H]	1.50 m × 0.60 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/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.70	0.69	0.69	0.70	0.69	0.69	0.69	0.70	0.70	0.72
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.32		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	105 mm	105 mm	105 mm	105 mm
Frame U-Value [W/m ² K]	1.05	1.05	1.04	1.04
Glazing-to-Frame Psi Value [W/mK]	0.0169	0.0169	0.0177	0.0177

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