



**Phius Product Number:** D-100209  
**Date Last Certified:** 11/21/2025  
**THERM Files Available:** No

**Phius Certification Path:** Blue Path  
**Valid Through:** 07/27/2028  
**Air Leakage Test Data Available:** No



**PRODUCT INFORMATION**

<b>Product Name:</b> Cascadia Universal Series Inswing Door	
<b>Manufacturer:</b> Cascadia Windows & Doors	<b>Primary Frame Material:</b> Fiberglass
<b>Series:</b> Universal Series	<b>Operation Category:</b> Swinging Door
<b>Model:</b> Universal Series Inswing Door	<b>Operation Type:</b> Single Swinging Door
<b>NFRC CPD #:</b> CWL-K-27-00341-00001	

**IGU DETAILS**

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

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

Recommended Climate Zones and Whole-Door U-values by Zone, at Standard Model Size [Btu/hr·ft <sup>2</sup> ·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓	✓	✓	✓	✓	✓	✓			
U-Whole-Door	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
<b>Modeled Size [W × H]</b>	37.80" × 82.28"			<b>SHGC, Whole Door:</b> 0.20			<b>Condensation Resistance:</b>			

**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 <sup>2</sup> ·°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	Left Head	Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
<b>Frame Width</b>	5.20"	5.20"	5.20"	5.75"
<b>Frame U-Value</b> [Btu/hr·ft <sup>2</sup> ·°F]	0.16	0.16	0.16	0.17
<b>Glazing-to-Frame Psi Value</b> [Btu/hr·ft·°F]	0.0100	0.0100	0.0095	0.0096
<b>Frame-to-Wall Psi Value</b> is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				



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**PRODUCT INFORMATION**

<b>Product Name:</b> Cascadia Universal Series Inswing Door	
<b>Manufacturer:</b> Cascadia Windows & Doors	<b>Primary Frame Material:</b> Fiberglass
<b>Series:</b> Universal Series	<b>Operation Category:</b> Swinging Door
<b>Model:</b> Universal Series Inswing Door	<b>Operation Type:</b> Single Swinging Door
<b>NFRC CPD #:</b> CWL-K-27-00341-00001	

**IGU DETAILS**

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

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

Recommended Climate Zones and Whole-Door U-values by Zone, at Standard Model Size [W/m <sup>2</sup> K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓	✓	✓	✓	✓	✓	✓			
U-Whole-Door	0.83	0.83	0.83	0.83	0.82	0.83	0.83	0.83	0.83	0.84
<b>Modeled Size [W × H]</b>	0.96 m × 2.09 m		<b>SHGC, Whole Door:</b> 0.20				<b>Condensation Resistance:</b>			

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

U-COG   Center of Glass U-Values, by Climate Zone [W/m <sup>2</sup> 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	0.69	0.70	0.72
SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.32		

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
<b>Frame Width</b>	132 mm	132 mm	132 mm	146 mm
<b>Frame U-Value [W/m<sup>2</sup>K]</b>	0.93	0.93	0.92	0.95
<b>Glazing-to-Frame Psi Value [W/mK]</b>	0.0174	0.0174	0.0166	0.0167
<b>Frame-to-Wall Psi Value</b> is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				