



Phius Product Number: D-100213
Date Last Certified: 11/21/2025
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through: 05/29/2029
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Cascadia Universal Series Tilt Slide Door

Manufacturer: Cascadia Windows & Doors

Primary Frame Material: Fiberglass

Series: Universal Series

Operation Category: Sliding Door

Model: Universal Series Tilt Slide Door

Operation Type: 0

NFRC CPD #: CWL-K-28-00085-00001

IGU DETAILS

Glazing Name: E270/ARG90/CLR/ARG90/E180 (6MM/6MM/6MM) 44MM IG_CL

Glass Layers: Triple

Gas Fill: Argon

Spacer Model: 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·ft²·°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
Modeled Size [W × H]	78.74" × 78.74"		SHGC, Whole Door: 0.20				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	0.13	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 Meeting Rail	Left Head	Left Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	5.75"	7.36"	6.65"	6.65"
Frame U-Value [Btu/hr·ft ² ·°F]	0.16	0.17	0.16	0.17
Glazing-to-Frame Psi Value [Btu/hr·ft ² ·°F]	0.0094	0.0093	0.0086	0.0087

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

Frame Parameters, Lite-Two	Left Meeting Rail	Right Jamb	Right Head	Right Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	2.28"	7.36"	3.19"	3.19"
Frame U-Value [Btu/hr·ft ² ·°F]	0.17	0.20	0.20	0.19
Glazing-to-Frame Psi Value [Btu/hr·ft ² ·°F]	0.0093	0.0093	0.0052	0.0058

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

For horizontal two-lite doors, assume Lite One is on the left and Lite Two is on the right. The right jamb of Lite One is the right meeting rail. The left jamb of Lite Two is the left meeting rail. | 12/23/2025



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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-Door 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-Door	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.86
Modeled Size [W × H]	2.00 m × 2.00 m		SHGC, Whole Door: 0.20				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	0.71	0.70	0.70	0.71	0.70	0.70	0.70	0.70	0.71	0.72

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

0.32

Frame Parameters	Left Jamb	Right Meeting Rail	Left Head	Left Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	146 mm	187 mm	169 mm	169 mm
Frame U-Value [W/m ² K]	0.91	0.99	0.93	0.99
Glazing-to-Frame Psi Value [W/mK]	0.0163	0.0162	0.015	0.0152

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

Frame Parameters, Lite-Two	Left Meeting Rail	Right Jamb	Right Head	Right Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	58 mm	187 mm	81 mm	81 mm
Frame U-Value [W/m ² K]	0.99	1.11	1.15	1.10
Glazing-to-Frame Psi Value [W/mK]	0.0162	0.0162	0.0091	0.0102

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

For horizontal two-lite doors, assume Lite One is on the left and Lite Two is on the right. The right jamb of Lite One is the right meeting rail. The left jamb of Lite Two is the left meeting rail. | 12/23/2025