



**Phius Product Number:** D-100212  
**Date Last Certified:** 11/21/2025  
**THERM Files Available:** No

**Phius Certification Path:** Blue Path  
**Valid Through:** 11/21/2027  
**Air Leakage Test Data Available:** No



## PRODUCT INFORMATION

**Product Name:** Cascadia Universal Series Outswing Door

**Manufacturer:** Cascadia Windows & Doors

**Primary Frame Material:** Fiberglass

**Series:** Universal Series

**Operation Category:** Swinging Door

**Model:** Universal Series Outswing Door

**Operation Type:** Single Swinging Door

**NFRC CPD #:** CWL-K-27-00416-00001

## IGU DETAILS

**Glazing Name:** E270/ Arg/ E180/ Arg/ i89(#6) (6mm) 44,0mm\_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·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         | 0.13            | 0.14 | 0.14                   | 0.14 | 0.14   | 0.14   | 0.14                     | 0.14 | 0.14 | 0.14 |
| Modeled Size [W × H] | 37.80" × 82.28" |      | SHGC, Whole Door: 0.19 |      |        |        | 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<sup>2</sup>·°F]

| Climate Zone | 0, 1, 2 | 3A   | 3B   | 3C   | 4A, 4B | 4C, 5C | 5A, 5B | 6    | 7    | 8    |
|--------------|---------|------|------|------|--------|--------|--------|------|------|------|
| U-COG Value  | 0.10    | 0.11 | 0.11 | 0.11 | 0.11   | 0.11   | 0.11   | 0.11 | 0.11 | 0.11 |

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

0.30

| Frame Parameters                           | Left Jamb | Right Jamb | Left Head | Sill   |
|--------------------------------------------|-----------|------------|-----------|--------|
| Frame Section                              | Left      | Right      | Top       | Bottom |
| Frame Width                                | 5.20"     | 5.20"      | 5.20"     | 5.94"  |
| Frame U-Value [Btu/hr·ft <sup>2</sup> ·°F] | 0.17      | 0.17       | 0.17      | 0.18   |
| Glazing-to-Frame Psi Value [Btu/hr·ft·°F]  | 0.0050    | 0.0050     | 0.0046    | 0.0046 |

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



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**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 [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         | 0.75            | 0.77 | 0.77                   | 0.77 | 0.77   | 0.77   | 0.77                     | 0.77 | 0.78 | 0.79 |
| Modeled Size [W × H] | 0.96 m × 2.09 m |      | SHGC, Whole Door: 0.19 |      |        |        | 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<sup>2</sup>K]

| Climate Zone | 0, 1, 2 | 3A   | 3B   | 3C   | 4A, 4B | 4C, 5C | 5A, 5B | 6    | 7    | 8    |
|--------------|---------|------|------|------|--------|--------|--------|------|------|------|
| U-COG Value  | 0.10    | 0.11 | 0.11 | 0.11 | 0.11   | 0.11   | 0.11   | 0.11 | 0.11 | 0.11 |

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

0.30

| Frame Parameters                   | Left Jamb | Right Jamb | Left Head | Sill   |
|------------------------------------|-----------|------------|-----------|--------|
| Frame Section                      | Left      | Right      | Top       | Bottom |
| Frame Width                        | 132 mm    | 132 mm     | 132 mm    | 151 mm |
| Frame U-Value [W/m <sup>2</sup> K] | 0.98      | 0.98       | 0.97      | 1.04   |
| Glazing-to-Frame Psi Value [W/mK]  | 0.0087    | 0.0087     | 0.0081    | 0.008  |

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