



**Phius Product Number:** D-100154  
**Date Last Certified:** 08/15/2023  
**THERM Files Available:** No

**Phius Certification Path:** Blue Path  
**Valid Through:** 08/15/2025  
**Air Leakage Test Data Available:** No



**PRODUCT INFORMATION**

<b>Product Name:</b> Sunset W&D V750 Swing Door (Balcony Door Threshold)	
<b>Manufacturer:</b> Sunset Windows & Doors	<b>Primary Frame Material:</b> VL
<b>Series:</b> V750	<b>Operation Category:</b> Swinging Door
<b>Model:</b> W&D V750 Swing Door (Balcony Door Threshold)	<b>Operation Type:</b> Single Swinging Door
<b>NFRC CPD #:</b> SST-M-4-00001-00001	

**IGU DETAILS**

<b>Glazing Name:</b> SN51HT Clear 4mm/90% Argon 16 mm/ Extra Clear 4mm/ 90% Argon 16mm/ ClimaGuard Premium 2T 4 mm		
<b>Glass Layers:</b> Triple	<b>Gas Fill:</b> Argon	<b>Spacer Model:</b> SWISSPACER ULTIMATE

**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	0.16	0.16	0.16	0.15	0.16	0.16	0.16	0.16	0.16	0.17
<b>Modeled Size [W × H]</b>	37.80" × 82.28"		<b>SHGC, Whole Door:</b> 0.14				<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·ft²·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.12	0.12
<b>SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones</b>								0.23		

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>	5.51"	5.51"	5.51"	5.51"
<b>Frame U-Value [Btu/hr·ft²·°F]</b>	0.22	0.22	0.23	0.23
<b>Glazing-to-Frame Psi Value [Btu/hr·ft²·°F]</b>	0.0067	0.0067	0.0064	0.0064
<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> Sunset W&D V750 Swing Door (Balcony Door Threshold)	
<b>Manufacturer:</b> Sunset Windows & Doors	<b>Primary Frame Material:</b> VL
<b>Series:</b> V750	<b>Operation Category:</b> Swinging Door
<b>Model:</b> W&D V750 Swing Door (Balcony Door Threshold)	<b>Operation Type:</b> Single Swinging Door
<b>NFRC CPD #:</b> SST-M-4-00001-00001	

**IGU DETAILS**

<b>Glazing Name:</b> SN51HT Clear 4mm/90% Argon 16 mm/ Extra Clear 4mm/ 90% Argon 16mm/ ClimaGuard Premium 2T 4 mm		
<b>Glass Layers:</b> Triple	<b>Gas Fill:</b> Argon	<b>Spacer Model:</b> SWISSPACER ULTIMATE

**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	0.88	0.88	0.88	0.88	0.89	0.88	0.89	0.90	0.93	0.95
<b>Modeled Size [W × H]</b>	0.96 m × 2.09 m		<b>SHGC, Whole Door:</b> 0.14			<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	0.58	0.58	0.58	0.58	0.59	0.59	0.60	0.61	0.66	0.70
<b>SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones</b>								0.23		

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>	140 mm	140 mm	140 mm	140 mm
<b>Frame U-Value [W/m<sup>2</sup>K]</b>	1.27	1.27	1.29	1.29
<b>Glazing-to-Frame Psi Value [W/mK]</b>	0.0116	0.0116	0.0111	0.0111

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