



**Phius Product Number:** W-102232  
**Date Last Certified:** 12/11/2024  
**THERM Files Available:** No

**Phius Certification Path:** Blue Path  
**Valid Through:** 12/11/2026  
**Air Leakage Test Data Available:** No



**PRODUCT INFORMATION**

<b>Product Name:</b> Inline Series 325 Casement	
<b>Manufacturer:</b> Inline Fiberglass Ltd	<b>Primary Frame Material:</b> Fiberglass
<b>Series:</b> 325 Series	<b>Fixed or Operable:</b> Operable
<b>Model:</b> Series 325 Casement	<b>Operation Type:</b> Casement
<b>NFRC CPD #:</b> IFL-A-24-00259-00001	

**IGU DETAILS**

<b>Glazing Name:</b> 6MM CL ARG 366 5MM ARG 180 5MM - 1 5/8" IG		
<b>Glass Layers:</b> Triple	<b>Gas Fill:</b> Argon	<b>Spacer:</b> Cardinal Endur

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

<b>Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [Btu/hr·ft<sup>2</sup>·°F]</b>										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓	✓	✓	✓	✓	✓				
U-Whole-Window	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
Modeled Size [W×H]	23.62" × 59.06"		SHGC, Whole Window: 0.21				Condensation Resistance:			

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

<b>U-COG   Center of Glass U-Values, by Climate Zone [Btu/hr·ft<sup>2</sup>·°F]</b>										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.13	0.13
<b>SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones</b>								0.31		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
<b>Frame Width</b>	2.83"	2.83"	2.83"	2.83"
<b>Frame U-Value [Btu/hr·ft<sup>2</sup>·°F]</b>	0.24	0.24	0.23	0.23
<b>Glazing-to-Frame Psi Value [Btu/hr·ft·°F]</b>	0.0131	0.0131	0.0121	0.0121
<b>Frame-to-Wall Psi Value</b> is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				



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**PRODUCT INFORMATION**

<b>Product Name:</b> Inline Series 325 Casement	
<b>Manufacturer:</b> Inline Fiberglass Ltd	<b>Primary Frame Material:</b> Fiberglass
<b>Series:</b> 325 Series	<b>Fixed or Operable:</b> Operable
<b>Model:</b> Series 325 Casement	<b>Operation Type:</b> Casement
<b>NFRC CPD #:</b> IFL-A-24-00259-00001	

**IGU DETAILS**

<b>Glazing Name:</b> 6MM CL ARG 366 5MM ARG 180 5MM - 1 5/8" IG		
<b>Glass Layers:</b> Triple	<b>Gas Fill:</b> Argon	<b>Spacer:</b> Cardinal Endur

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

<b>Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [W/m²K]</b>										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
<b>Recommended Zones</b>	✓	✓	✓	✓	✓	✓				
<b>U-Whole-Window</b>	1.01	1.01	1.01	1.01	1.00	1.01	1.00	1.00	1.01	1.01
<b>Modeled Size [W × H]</b>	0.60 m × 1.50 m		<b>SHGC, Whole Window:</b> 0.21				<b>Condensation Resistance:</b>			

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

<b>U-COG   Center of Glass U-Values, by Climate Zone [W/m²K]</b>										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
<b>U-COG Value</b>	0.72	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.72
<b>SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones</b>								0.31		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
<b>Frame Width</b>	72 mm	72 mm	72 mm	72 mm
<b>Frame U-Value [W/m²K]</b>	1.38	1.38	1.33	1.33
<b>Glazing-to-Frame Psi Value [W/mK]</b>	0.0228	0.0228	0.021	0.021

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