



**Phius Product Number:** W-102023  
**Date Last Certified:** 06/06/2024  
**THERM Files Available:** No

**Phius Certification Path:** Blue Path  
**Valid Through:** 06/06/2026  
**Air Leakage Test Data Available:** No



**PRODUCT INFORMATION**

<b>Product Name:</b> DRUTEX IGLO ENERGY Classic Fixed & Tilt & Turn	
<b>Manufacturer:</b> DRUTEX S A	<b>Primary Frame Material:</b> Vinyl
<b>Series:</b> IGLO ENERGY Classic	<b>Fixed or Operable:</b> Combination
<b>Model:</b> IGLO ENERGY Classic Fixed + Tilt & Turn	<b>Operation Type:</b> Combination Unit
<b>Number of Lites:</b> Two-Lite	<b>Two-Lite Orientation:</b> Horizontal
<b>NFRC CPD #:</b> DRU-K-5-00262-00001   <b>NFRC CPD # Lite Two:</b> DRU-K-6-00252-00001	

**IGU DETAILS**

<b>Glazing Name:</b> SGG Cool-Lite SKN176 / ARG90 / SGG PlaniClear / ARG90 / SGG PlaniTherm XN (6mm/4mm/4mm)		
<b>Glass Layers:</b> Triple	<b>Gas Fill:</b> Argon	<b>Spacer:</b> SWISSPACER ULTIMATE

**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	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16
<b>Modeled Size [W×H]</b>	94.49" × 59.06"		<b>SHGC, Whole Window:</b> 0.21				<b>Condensation Resistance:</b>			

**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	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.12	0.13
<b>SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones</b>								0.31		

Frame Parameters	Left Jamb	Right Meeting Rail	Left Head	Left Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
Frame Width	2.95"	5.94"	2.95"	2.95"
Frame U-Value [Btu/hr·ft <sup>2</sup> ·°F]	0.23	0.24	0.21	0.21
Glazing-to-Frame Psi Value [Btu/hr·ft <sup>2</sup> ·°F]	0.0064	0.0071	0.0056	0.0056

**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
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
Frame Width	5.94"	4.92"	4.92"	4.92"
Frame U-Value [Btu/hr·ft <sup>2</sup> ·°F]	0.24	0.23	0.23	0.23
Glazing-to-Frame Psi Value [Btu/hr·ft <sup>2</sup> ·°F]	0.0071	0.0065	0.0061	0.0061

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

For horizontal two-lite products, 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. | 06/06/2024



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<b>Manufacturer:</b> DRUTEX S A	<b>Primary Frame Material:</b> Vinyl
<b>Series:</b> IGLO ENERGY Classic	<b>Fixed or Operable:</b> Combination
<b>Model:</b> IGLO ENERGY Classic Fixed + Tilt & Turn	<b>Operation Type:</b> Combination Unit
<b>Number of Lites:</b> Two-Lite	<b>Two-Lite Orientation:</b> Horizontal
<b>NFRC CPD #:</b> DRU-K-5-00262-00001   <b>NFRC CPD # Lite Two:</b> DRU-K-6-00252-00001	

**IGU DETAILS**

<b>Glazing Name:</b> SGG Cool-Lite SKN176 / ARG90 / SGG PlaniClear / ARG90 / SGG PlaniTherm XN (6mm/4mm/4mm)		
<b>Glass Layers:</b> Triple	<b>Gas Fill:</b> Argon	<b>Spacer:</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-Window 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-Window	0.82	0.83	0.83	0.83	0.84	0.84	0.86	0.87	0.90	0.93
Modeled Size [W × H]	2.40 m × 1.50 m		SHGC, Whole Window: 0.21				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	0.56	0.57	0.57	0.56	0.59	0.58	0.61	0.62	0.67	0.71
SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.31		

Frame Parameters	Left Jamb	Right Meeting Rail	Left Head	Left Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
Frame Width	75 mm	151 mm	75 mm	75 mm
Frame U-Value [W/m²K]	1.30	1.36	1.22	1.22
Glazing-to-Frame Psi Value [W/mK]	0.0112	0.0123	0.0098	0.0098

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
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
Frame Width	151 mm	125 mm	125 mm	125 mm
Frame U-Value [W/m²K]	1.36	1.33	1.30	1.31
Glazing-to-Frame Psi Value [W/mK]	0.0123	0.0114	0.0106	0.0106

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

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