



Phius Product Number: W-102027
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

Product Name: DRUTEX IGLO ENERGY Classic Fixed & Tilt & Turn	
Manufacturer: DRUTEX S A	Primary Frame Material: Vinyl
Series: IGLO ENERGY Classic	Fixed or Operable: Combination
Model: IGLO ENERGY Classic Fixed + Tilt & Turn	Operation Type: Combination Unit
Number of Lites: Two-Lite	Two-Lite Orientation: Horizontal
NFRC CPD #: DRU-K-5-00277-00001 NFRC CPD # Lite Two: DRU-K-6-00277-00001	

IGU DETAILS

Glazing Name: SGG PlaniTherm XN / ARG90 / Extra CLR / ARG90 / SGG PlaniTherm XN (3mm 1x015PVB 3mm/4mm/3mm 1x015PVB 3mm)		
Glass Layers: Triple	Gas Fill: Argon	Spacer: 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 [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-Window	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16
Modeled Size [W×H]	94.49" × 59.06"			SHGC, Whole Window: 0.31			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	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.13
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.45		

Frame Parameters	Left Jamb	Right Meeting Rail	Left Head	Left Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	2.95"	5.94"	2.95"	2.95"
Frame U-Value [Btu/hr·ft²·°F]	0.22	0.24	0.21	0.21
Glazing-to-Frame Psi Value [Btu/hr·ft²·°F]	0.0076	0.0084	0.0068	0.0068

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	5.94"	4.92"	4.92"	4.92"
Frame U-Value [Btu/hr·ft²·°F]	0.24	0.23	0.23	0.23
Glazing-to-Frame Psi Value [Btu/hr·ft²·°F]	0.0084	0.0079	0.0073	0.0073

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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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/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones					✓	✓	✓			
U-Whole-Window	0.87	0.86	0.86	0.86	0.87	0.86	0.88	0.88	0.91	0.93
Modeled Size [W x H]	2.40 m x 1.50 m			SHGC, Whole Window: 0.31			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 ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.62	0.62	0.62	0.62	0.62	0.62	0.64	0.64	0.68	0.72
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.45		

Frame Parameters	Left Jamb	Right Meeting Rail	Left Head	Left Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	75 mm	151 mm	75 mm	75 mm
Frame U-Value [W/m ² K]	1.28	1.34	1.20	1.20
Glazing-to-Frame Psi Value [W/mK]	0.0133	0.0146	0.0118	0.0118

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	151 mm	125 mm	125 mm	125 mm
Frame U-Value [W/m ² K]	1.34	1.32	1.29	1.29
Glazing-to-Frame Psi Value [W/mK]	0.0146	0.0137	0.0127	0.0127

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

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