



**Phius Product Number:** W-102033  
**Date Last Certified:** 08/28/2025  
**THERM Files Available:** No

**Phius Certification Path:** Blue Path  
**Valid Through:** 08/24/2026  
**Air Leakage Test Data Available:** No



## PRODUCT INFORMATION

**Product Name:** DRUTEX IGLO ENERGY Classic Tilt & Turn Over Fixed

**Manufacturer:** DRUTEX S A

**Primary Frame Material:** Vinyl

**Series:** IGLO ENERGY Classic

**Fixed or Operable:** Combination

**Model:** IGLO ENERGY Classic Tilt & Turn over Fixed

**Operation Type:** Combination Unit

**Number of Lites:** Two-Lite

**Two-Lite Orientation:** Vertical

**NFRC CPD #:** DRU-K-6-00277-00001 | **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·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-Window     | 0.16             | 0.16 | 0.16 | 0.16                     | 0.16   | 0.16   | 0.17                     | 0.17 | 0.17 | 0.17 |
| Modeled Size [W×H] | 47.24" × 119.11" |      |      | SHGC, Whole Window: 0.28 |        |        | 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  | 0.11    | 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                           | Upper Left Jamb | Upper Right Jamb | Head   | Upper Meeting Rail |
|--------------------------------------------|-----------------|------------------|--------|--------------------|
| Frame Section                              | Left            | Right            | Top    | Bottom             |
| Frame Width                                | 4.92"           | 4.92"            | 4.92"  | 5.94"              |
| Frame U-Value [Btu/hr·ft <sup>2</sup> ·°F] | 0.23            | 0.23             | 0.23   | 0.23               |
| Glazing-to-Frame Psi Value [Btu/hr·ft·°F]  | 0.0080          | 0.0080           | 0.0069 | 0.0070             |

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

| Frame Parameters, Lite-Two                 | Lower Left Jamb | Lower Right Jamb | Lower Meeting Rail | Sill   |
|--------------------------------------------|-----------------|------------------|--------------------|--------|
| Frame Section                              | Left            | Right            | Top                | Bottom |
| Frame Width                                | 2.95"           | 2.95"            | 5.94"              | 2.95"  |
| Frame U-Value [Btu/hr·ft <sup>2</sup> ·°F] | 0.22            | 0.22             | 0.23               | 0.21   |
| Glazing-to-Frame Psi Value [Btu/hr·ft·°F]  | 0.0078          | 0.0078           | 0.0071             | 0.0065 |

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

For vertical two-lite products, assume Lite One is on top and Lite Two is on the bottom. The sill of Lite One is the lower meeting rail. The head of Lite Two is the upper meeting rail. | 08/28/2025



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**Series:** IGLO ENERGY Classic

**Fixed or Operable:** Combination

**Model:** IGLO ENERGY Classic Tilt & Turn over Fixed

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**Number of Lites:** Two-Lite

**Two-Lite Orientation:** Vertical

**NFRC CPD #:** DRU-K-6-00277-00001 | **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 [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-Window       | 0.93            | 0.93 | 0.93                     | 0.93 | 0.93   | 0.93   | 0.94                     | 0.94 | 0.97 | 0.99 |
| Modeled Size [W × H] | 1.20 m × 3.00 m |      | SHGC, Whole Window: 0.28 |      |        |        | 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  | 0.62    | 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                   | Upper Left Jamb | Upper Right Jamb | Head   | Upper Meeting Rail |
|------------------------------------|-----------------|------------------|--------|--------------------|
| Frame Section                      | Left            | Right            | Top    | Bottom             |
| Frame Width                        | 125 mm          | 125 mm           | 125 mm | 151 mm             |
| Frame U-Value [W/m <sup>2</sup> K] | 1.32            | 1.32             | 1.29   | 1.28               |
| Glazing-to-Frame Psi Value [W/mK]  | 0.0139          | 0.0139           | 0.012  | 0.0122             |

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

| Frame Parameters, Lite-Two         | Lower Left Jamb | Lower Right Jamb | Lower Meeting Rail | Sill   |
|------------------------------------|-----------------|------------------|--------------------|--------|
| Frame Section                      | Left            | Right            | Top                | Bottom |
| Frame Width                        | 75 mm           | 75 mm            | 151 mm             | 75 mm  |
| Frame U-Value [W/m <sup>2</sup> K] | 1.28            | 1.28             | 1.28               | 1.20   |
| Glazing-to-Frame Psi Value [W/mK]  | 0.0135          | 0.0135           | 0.0124             | 0.0114 |

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

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