



**Phius Product Number:** D-100200  
**Date Last Certified:** 05/14/2025  
**THERM Files Available:** No

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



## PRODUCT INFORMATION

**Product Name:** EuroLine Energeto Neo76 Single Inswing Door

**Manufacturer:** EuroLine Windows Inc

**Primary Frame Material:** Vinyl

**Series:** Energeto Neo76

**Operation Category:** Swinging Door

**Model:** Energeto Neo76 Single Inswing Door

**Operation Type:** Single Swinging Door

**NFRC CPD #:** ANG-M-27-00683-00001

## IGU DETAILS

**Glazing Name:** E180 / arg / clr / arg / E180 (4mm/4mm/4mm) 1-3/4" IG\_CL

**Glass Layers:** Triple

**Gas Fill:** Argon

**Spacer Model:** Quanex Super Spacer TriSeal

## 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·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-Door         | 0.17            | 0.17 | 0.17 | 0.17 | 0.18                   | 0.17   | 0.18                     | 0.18 | 0.18 | 0.19 |
| Modeled Size [W × H] | 37.80" × 82.28" |      |      |      | SHGC, Whole Door: 0.32 |        | 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   | 0.12   | 0.12 | 0.13 | 0.13 |

### SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones

0.55

| Frame Parameters                           | Left Jamb | Right Jamb | Left Head | Sill   |
|--------------------------------------------|-----------|------------|-----------|--------|
| Frame Section                              | Left      | Right      | Top       | Bottom |
| Frame Width                                | 5.94"     | 5.94"      | 5.94"     | 5.94"  |
| Frame U-Value [Btu/hr·ft <sup>2</sup> ·°F] | 0.24      | 0.24       | 0.23      | 0.24   |
| Glazing-to-Frame Psi Value [Btu/hr·ft·°F]  | 0.0138    | 0.0138     | 0.0127    | 0.0130 |

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



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**Primary Frame Material:** Vinyl

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**Glazing Name:** E180 / arg / clr / arg / E180 (4mm/4mm/4mm) 1-3/4" IG\_CL

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**Gas Fill:** Argon

**Spacer Model:** Quanex Super Spacer TriSeal

## 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         | 0.99            | 0.99 | 0.99 | 0.99                   | 1.00   | 0.99   | 1.00                     | 1.01 | 1.03 | 1.06 |
| Modeled Size [W × H] | 0.96 m × 2.09 m |      |      | SHGC, Whole Door: 0.32 |        |        | 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  | 0.65    | 0.64 | 0.64 | 0.64 | 0.65   | 0.65   | 0.66   | 0.67 | 0.72 | 0.75 |

### SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones

0.55

| Frame Parameters                   | Left Jamb | Right Jamb | Left Head | Sill   |
|------------------------------------|-----------|------------|-----------|--------|
| Frame Section                      | Left      | Right      | Top       | Bottom |
| Frame Width                        | 151 mm    | 151 mm     | 151 mm    | 151 mm |
| Frame U-Value [W/m <sup>2</sup> K] | 1.35      | 1.35       | 1.31      | 1.35   |
| Glazing-to-Frame Psi Value [W/mK]  | 0.0239    | 0.0239     | 0.0221    | 0.0226 |

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