



**Phius Product Number:** W-101061  
**Date Last Certified:** 08/15/2023  
**THERM Files Available:** No

**Phius Certification Path:** Blue Path  
**Valid Through:** 08/15/2025  
**Air Leakage Test Data Available:** No



## PRODUCT INFORMATION

**Product Name:** Kohltech cPVC Outswing Transom

**Manufacturer:** Kohltech Windows & Entrance Systems

**Primary Frame Material:** Vinyl

**Series:** cPVC

**Fixed or Operable:** Operable

**Model:** cPVC Outswing Transom

**Operation Type:** Transom

**NFRC CPD #:** KOI-A-70-00055-00001

## IGU DETAILS

**Glazing Name:** 3mm7036 surfaces 2 & 5, Arg95, 1"OA

**Glass Layers:** Triple

**Gas Fill:** Argon

**Spacer:** Quanex Super Spacer Premium Plus

## 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    | 0.19    | 0.19 | 0.19 | 0.19 | 0.19   | 0.19   | 0.19   | 0.19 | 0.19 | 0.19 |

**Modeled Size [W×H]**

78.74" × 23.62"

**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  | 0.17    | 0.17 | 0.17 | 0.17 | 0.17   | 0.17   | 0.17   | 0.17 | 0.17 | 0.16 |

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

0.33

| Frame Parameters                           | Left Jamb | Right Jamb | Head   | Sill   |
|--------------------------------------------|-----------|------------|--------|--------|
| Frame Section                              | Left      | Right      | Top    | Bottom |
| Frame Width                                | 1.34"     | 1.34"      | 1.34"  | 1.34"  |
| Frame U-Value [Btu/hr·ft <sup>2</sup> ·°F] | 0.22      | 0.22       | 0.21   | 0.21   |
| Glazing-to-Frame Psi Value [Btu/hr·ft·°F]  | 0.0112    | 0.0112     | 0.0116 | 0.0116 |

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



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**Gas Fill:** Argon

**Spacer:** Quanex Super Spacer Premium Plus

## 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       | 1.09            | 1.08 | 1.08 | 1.09                     | 1.08   | 1.08   | 1.08                     | 1.07 | 1.06 | 1.06 |
| Modeled Size [W × H] | 2.00 m × 0.60 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                                                               | 0.97    | 0.97 | 0.97 | 0.97 | 0.96   | 0.96   | 0.96   | 0.95 | 0.94 | 0.94 |
| SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones |         |      |      |      |        |        |        | 0.33 |      |      |

| Frame Parameters                   | Left Jamb | Right Jamb | Head   | Sill   |
|------------------------------------|-----------|------------|--------|--------|
| Frame Section                      | Left      | Right      | Top    | Bottom |
| Frame Width                        | 34 mm     | 34 mm      | 34 mm  | 34 mm  |
| Frame U-Value [W/m <sup>2</sup> K] | 1.27      | 1.27       | 1.20   | 1.20   |
| Glazing-to-Frame Psi Value [W/mK]  | 0.0194    | 0.0194     | 0.0201 | 0.0201 |

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