



Phius Product Number: W-101303
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 Inswing Direct Glazed Transom

Manufacturer: Kohltech Windows & Entrance Systems

Primary Frame Material: Vinyl

Series: cPVC

Fixed or Operable: Operable

Model: cPVC Inswing Direct Glazed Transom

Operation Type: Transom

NFRC CPD #: KOI-A-70-00071-00001

IGU DETAILS

Glazing Name: 1-3/8 OA-Clr-Arg95-CG8070#3-Arg95-CG8070#5

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·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	0.15	0.15

Modeled Size [W×H]

78.74" × 23.62"

SHGC, Whole Window: 0.50

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	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13

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

0.58

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	1.34"	1.34"	1.38"	1.34"
Frame U-Value [Btu/hr·ft ² ·°F]	0.19	0.19	0.19	0.19
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0090	0.0090	0.0094	0.0095

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



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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/m²K]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones						✓	✓			
U-Whole-Window	0.88	0.87	0.87	0.87	0.86	0.87	0.86	0.86	0.86	0.87

Modeled Size [W × H] 2.00 m × 0.60 m

SHGC, Whole Window: 0.50

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	0.77	0.75	0.75	0.76	0.75	0.75	0.75	0.75	0.75	0.76

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

0.58

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	34 mm	34 mm	35 mm	34 mm
Frame U-Value [W/m ² K]	1.06	1.06	1.07	1.08
Glazing-to-Frame Psi Value [W/mK]	0.0156	0.0156	0.0164	0.0166

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