



Phius Product Number: W-101447
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: Euroline 1800 Small Picture Frame Window

Manufacturer: EuroLine Windows Inc

Primary Frame Material: Vinyl

Series: 1800-Series

Fixed or Operable: Fixed

Model: 1800 Small Picture Frame Window

Operation Type: Fixed

NFRC CPD #: ANG-M-20-00115-00001

IGU DETAILS

Glazing Name: E270 / arg90 / clear / arg90 / E270 (5mm/5mm/5mm) - 37mm IG_CL

Glass Layers: Triple

Gas Fill: Argon

Spacer: 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-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	0.17	0.17	0.17	0.17	0.16	0.17	0.16	0.16	0.16	0.16
Modeled Size [W×H]	47.24" × 59.06"				SHGC, Whole Window: 0.25			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

0.30

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	2.28"	2.28"	2.28"	2.28"
Frame U-Value [Btu/hr·ft ² ·°F]	0.25	0.25	0.26	0.26
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0140	0.0140	0.0140	0.0140

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	0.95	0.94	0.94	0.94	0.94	0.94	0.93	0.93	0.93	0.93
Modeled Size [W × H]	1.20 m × 1.50 m		SHGC, Whole Window: 0.25				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	0.76	0.76	0.76	0.76	0.75	0.76	0.75	0.75	0.75	0.75
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.30		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	58 mm	58 mm	58 mm	58 mm
Frame U-Value [W/m ² K]	1.44	1.44	1.46	1.46
Glazing-to-Frame Psi Value [W/mK]	0.0244	0.0244	0.0244	0.0244
Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				