



Phius Product Number: W-101493
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: Pella 250 Series Casement Window

Manufacturer: Pella Corporation

Primary Frame Material: Vinyl

Series: 250 Series

Fixed or Operable: Operable

Model: 250 SERIES CASEMENT WINDOW

Operation Type: Casement

NFRC CPD #: PEL-N-239-00073-00004

IGU DETAILS

Glazing Name: 3mm LoE 270 #2/ARG/3mm Clear/ 3mm LoE 270 #5

Glass Layers: Triple

Gas Fill: Argon

Spacer: Pella SU-D - Stainless Steel, Butyl Sealant

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	0.20	0.20	0.20	0.20	0.20	0.20	0.19	0.19	0.19	0.19

Modeled Size [W×H]

23.62" × 59.06"

SHGC, Whole Window: 0.21

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	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16

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

0.31

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	3.11"	3.11"	3.11"	3.11"
Frame U-Value [Btu/hr·ft ² ·°F]	0.21	0.21	0.21	0.21
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0117	0.0117	0.0112	0.0112

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



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Series: 250 Series

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Model: 250 SERIES CASEMENT WINDOW

Operation Type: Casement

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Glazing Name: 3mm LoE 270 #2/ARG/3mm Clear/ 3mm LoE 270 #5

Glass Layers: Triple

Gas Fill: Argon

Spacer: Pella SU-D - Stainless Steel, Butyl Sealant

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	1.12	1.11	1.11	1.12	1.11	1.11	1.11	1.10	1.10	1.09
Modeled Size [W × H]	0.60 m × 1.50 m				SHGC, Whole Window: 0.21			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	0.96	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93

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

0.31

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	79 mm	79 mm	79 mm	79 mm
Frame U-Value [W/m ² K]	1.18	1.18	1.19	1.19
Glazing-to-Frame Psi Value [W/mK]	0.0204	0.0204	0.0194	0.0194

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