



Phius Product Number: W-101686
Date Last Certified: 10/03/2023
THERM Files Available: No

Phius Certification Path: Orange Path
Valid Through: 01/31/2028
Air Leakage Test Data Available: No



PRODUCT INFORMATION		
Product Name: VETTA Elite E92 Operable Window		
Manufacturer: VETTA Windows and Doors	Primary Frame Material: Aluminum Clad Wood	
Series: Elite E92	Fixed or Operable: Operable	
Model: Operable Window	Operation Type: Casement	
IGU DETAILS		
Glazing Name: EN2plus #2 #5 - 4 EF 18 Ar 90 4 EF 18 Ar 90 4 EF		
Glass Layers: Triple	Gas Fill: Argon	Spacer: ALU-PRO MULTITECH G

RECOMMENDED CLIMATE ZONES <i>(NOTE: This information is not for use in building energy models. See next section.)</i>										
Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [Btu/hr·ft ² ·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones				✓	✓	✓				
U-Whole-Window	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17
Modeled Size [W×H]	23.62" × 59.06"		SHGC, Whole Window: 0.26				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 ² ·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.12	0.12
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.53		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	4.76"	4.76"	4.76"	5.55"
Frame U-Value [Btu/hr·ft ² ·°F]	0.19	0.19	0.19	0.22
Glazing-to-Frame Psi Value [Btu/hr·ft ² ·°F]	0.0099	0.0099	0.0099	0.0097
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 <i>(NOTE: This information is not for use in building energy models. See next section.)</i>										
Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [W/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones				✓	✓	✓				
U-Whole-Window	0.92	0.91	0.91	0.92	0.91	0.91	0.92	0.93	0.95	0.97
Modeled Size [W × H]	0.60 m × 1.50 m			SHGC, Whole Window: 0.26			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 ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.59	0.58	0.58	0.59	0.58	0.58	0.60	0.62	0.67	0.70
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.53		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	121 mm	121 mm	121 mm	141 mm
Frame U-Value [W/m²K]	1.08	1.08	1.08	1.25
Glazing-to-Frame Psi Value [W/mK]	0.0172	0.0172	0.0172	0.0168
Frame-to-Wall Psi Value is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				