



Phius Product Number: W-102639
Date Last Certified: 03/17/26
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through: 07/08/27
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Quaker V300 Awning

Manufacturer: Quaker Windows & Doors

Primary Frame Material: Vinyl

Series: V300

Fixed or Operable: Operable

Model: V300 Awning

Operation Type: Awning

NFRC CPD #: QWP-M-94-01918-00011

IGU DETAILS

Glazing Name: 3mm 366 ARG 3mm 180 ARG 3mm i89- 1 3/8" IG

Glass Layers: Triple

Gas Fill: Argon

Spacer: Quanex Super Spacer Premium

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	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17

Modeled Size [W×H]

59.06" × 23.62"

SHGC, Whole Window: 0.15

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	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11

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

0.24

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	3.43"	3.43"	3.43"	3.43"
Frame U-Value [Btu/hr·ft ² ·°F]	0.26	0.26	0.27	0.25
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0042	0.0042	0.0041	0.0036

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	0.93	0.96	0.96	0.95	0.96	0.96	0.96	0.96	0.96	0.97
Modeled Size [W × H]	1.50 m × 0.60 m		SHGC, Whole Window: 0.15				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	0.57	0.61	0.61	0.61	0.61	0.61	0.62	0.62	0.63	0.64

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

0.24

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	87 mm	87 mm	87 mm	87 mm
Frame U-Value [W/m ² K]	1.50	1.50	1.52	1.40
Glazing-to-Frame Psi Value [W/mK]	0.0074	0.0074	0.0071	0.0064

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