



Phius Product Number: W-102475
Date Last Certified: 10/17/2024
THERM Files Available: No

Phius Certification Path: Orange Path
Valid Through: 10/17/2026
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: KF Window Technology - Passive+

Manufacturer: KF Window Technology

Primary Frame Material: Vinyl

Series: Salamander bluEvolution 82

Fixed or Operable: Operable

Model: Passive+ Single Action Turn Only

Operation Type: Other

IGU DETAILS

Glazing Name: PLANITHERM ONE/ARG/CLR/ARG/PLANITHERM ONE) (4MM/18/4MM/18/4MM) 48MM IG

Glass Layers: Triple

Gas Fill: Argon

Spacer: SWISSPACER ULTIMATE

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	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.15
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	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.11	0.12
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.37		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	4.92"	4.92"	4.92"	4.92"
Frame U-Value [Btu/hr·ft ² ·°F]	0.18	0.18	0.19	0.19
Glazing-to-Frame Psi Value [Btu/hr·ft ² ·°F]	0.0091	0.0091	0.0090	0.0091
Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				



Phius Product Number: W-102475
Date Last Certified: 10/17/2024
THERM Files Available: No

Phius Certification Path: Orange Path
Valid Through: 10/17/2026
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: KF Window Technology - Passive+

Manufacturer: KF Window Technology

Primary Frame Material: Vinyl

Series: Salamander bluEvolution 82

Fixed or Operable: Operable

Model: Passive+ Single Action Turn Only

Operation Type: Other

IGU DETAILS

Glazing Name: PLANITHERM ONE/ARG/CLR/ARG/PLANITHERM ONE) (4MM/18/4MM/18/4MM) 48MM IG

Glass Layers: Triple

Gas Fill: Argon

Spacer: SWISSPACER ULTIMATE

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	0.75	0.74	0.74	0.74	0.74	0.74	0.76	0.77	0.80	0.83

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	0.53	0.52	0.52	0.53	0.52	0.52	0.55	0.57	0.62	0.65

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

0.37

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	125 mm	125 mm	125 mm	125 mm
Frame U-Value [W/m ² K]	1.04	1.04	1.06	1.06
Glazing-to-Frame Psi Value [W/mK]	0.0159	0.0159	0.0157	0.0159
Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				