

Calculation based on ISO 15099

Product name: **Kohltech 2020 Supreme Wide Fixed**

ASHRAE/IECC
/DOE North
American
Climate Zone

South-facing

North,
East,
West -
facing



Center-of-glass properties

Kohltech 3mm7036 surfaces 2 & 5,
Arg95, 1-3/8"OA No Grids

Whole-window installed U-value

Ucog-Value

Climate specific recommendations:

W/m2K BTU/hr.ft2.F

SHGC

W/m2K BTU/hr.ft2.F

8		0.92	0.16	0.329	0.693	0.122
7		0.91	0.16	0.329	0.682	0.120
6		0.91	0.16	0.329	0.676	0.119
5		0.91	0.16	0.329	0.676	0.119
4		0.91	0.16	0.329	0.676	0.119
Marine North	<input checked="" type="checkbox"/>	0.91	0.16	0.329	0.677	0.119
Marine South	<input checked="" type="checkbox"/>	0.91	0.16	0.329	0.680	0.120
3	<input checked="" type="checkbox"/>	0.91	0.16	0.329	0.678	0.119
2 West		0.91	0.16	0.329	0.686	0.121
2 East		0.91	0.16	0.329	0.686	0.121

Kohltech 2020 Supreme Wide Fixed

EnerEdge

FRAME

Psi-spacer

Psi-opaque

Frame height

U-frame

mm in

W/m2K BTU/hr.ft2.F

W/mK

BTU/hr.ft.F

W/mK

Head

64

2.51

1.28

0.22

0.017

0.010

0.102

Sill

64

2.51

1.28

0.22

0.017

0.010

BTU/hr.ft.F

left jamb

64

2.51

1.26

0.22

0.017

0.010

0.059

right jamb

64

2.51

1.26

0.22

0.017

0.010

Grade A

Valid through March 2024

Calculation based on ISO 15099

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Center-of-glass properties

ASHRAE/IECC
/DOE North
American
Climate Zone

North,
East,
West -
facing
South-facing

Kohltech 3mm7036 surfaces 2 & 5,
Arg95, 1-3/8"OA Internal grids <
25.4mm maintain 3mm clearance

Whole-window installed U-value

Ucog-Value

Climate specific recommendations:

W/m2K BTU/hr.ft2.F

	SHGC	W/m2K	BTU/hr.ft2.F
8	0.289	0.693	0.122
7	0.289	0.682	0.120
6	0.289	0.676	0.119
5	0.289	0.676	0.119
4	0.289	0.676	0.119
Marine North	0.289	0.677	0.119
Marine South	0.289	0.680	0.120
3	0.289	0.678	0.119
2 West	0.289	0.686	0.121
2 East	0.289	0.686	0.121

Kohltech 2020 Supreme Wide Fixed

EnerEdge

FRAME

Psi-spacer

Psi-opaque

Frame height

U-frame

mm	in	W/m2K	BTU/hr.ft2.F
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mm

in

W/mK

BTU/hr.ft.F

W/mK

Head

64

2.51

1.28

0.22

0.017	0.010
-------	-------

0.102

Sill

64

2.51

1.28

0.22

0.017	0.010
-------	-------

BTU/hr.ft.F

left jamb

64

2.51

1.26

0.22

0.017	0.010
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0.059

right jamb

64

2.51

1.26

0.22

0.017	0.010
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Grade A

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