

PHI INPUTS

ARCADE, 1 27/64" (36mm)

WITH DECORATIVE GRIDS: STUCK W/ SPACER, SDL W/OUT SPACER

Window frame inputs

No.	Type	U _f -Value	R-Value	Frame Dimensions*			
	Frame	Frame	Frame	Width/Left	Width/Right	Width/Below	Width/Above
		BTU/(hr.ft ² .F)	(hr.ft ² .F)/BTU	in	in	in	in
1	Tilt/turn window	0.211	4.74	4 59/64	4 59/64	4 59/64	4 59/64
2	Fixed window	0.211	4.74	2 7/8	2 7/8	2 7/8	2 7/8

*installation gap: 3/8" to 1/2"

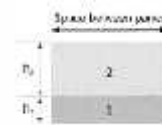
Balcony door frame inputs

No.	Type	U _f -Value	R-Value	Frame Dimensions	
	Frame	Frame	Frame	Total Width	Total Height
	Out-swing (Height up to 86")	BTU/(hr.ft ² .F)	(hr.ft ² .F)/BTU	in	in
1	Balcony door (frame w/sash)	0.252	3.968	3 9/16	5 1/2
2	Balcony door (frame)	0.237	4.219	2 13/16	2 7/8
3	Standard low threshold sill	0.314	3.185	3 9/16	4 1/8

No.	Type	U _f -Value	R-Value	Frame Dimensions	
	Frame	Frame	Frame	Total Width	Total Height
	Out-swing (Height 86.1"-96")	BTU/(hr.ft ² .F)	(hr.ft ² .F)/BTU	in	in
1	Balcony door (frame w/sash)	0.299	3.344	3 9/16	6 7/16
2	Balcony door (frame)	0.237	4.219	2 13/16	2 7/8
3	Standard low threshold sill	0.339	2.949	3 9/16	5 1/16

Spacer Inputs

Type	Height Box 2	Thermal Conductivity Box 2	Double Pane Cool Temperature	Triple Pane Warm Temperature	fRsi value
Spacer	Spacer	Spacer	Psi-spacer	Psi-spacer	
	mm	BTU/(hr.ft.F)	BTU/(hr.ft.F)	BTU/(hr.ft.F)	
Advance Spacer	6.5	0.167	0.022	0.023	0.72



*PHI spacer inputs are obtained from PHI components Database.

*Frame material is polymer.

IGU inputs

No.	U _g , BTU/(hr.ft ² .F)	SHGC	VT	Depth, in	Glazing, mm	Tempered	Notes
STANDARD GLAZING							
5	0.123	0.493	0.709	1 27/64	Prem4x12Arx4x12ArxPrem4	no	no min
5a	0.123	0.493	0.709	1 27/64	Prem4Tx12Arx4Tx12ArxPrem4T	yes	no min, all panes tempered
6	0.14	0.486	0.705	1 27/64	Prem6x12Arx4x10ArxPrem4	no	no min
7	0.14	0.484	0.701	1 27/64	Prem6x10Arx4x10ArxPrem6	no	no min
8	0.158	0.484	0.697	1 27/64	Prem6x10Arx6x8ArxPrem6	no	no min
8a	0.158	0.484	0.697	1 27/64	Prem6Tx10Arx6Tx8ArxPrem6T	yes	no min, all panes tempered
9	0.123	0.372	0.552	1 27/64	CG4x12Arx4x12ArxCG4	no	no min
9a	0.123	0.372	0.552	1 27/64	CG4Tx12Arx4Tx12ArxCG4T	yes	no min, all panes tempered
10	0.123	0.368	0.549	1 27/64	CG6x12Arx4x10ArxCG4	no	no min
11	0.14	0.366	0.546	1 27/64	CG6x10Arx4x10ArxCG6	no	no min
12	0.14	0.366	0.543	1 27/64	CG6x10Arx6x8ArxCG6	no	no min
12a	0.14	0.366	0.543	1 27/64	CG6Tx10Arx6Tx8ArxCG6T	yes	no min, all panes tempered
17	0.123	0.255	0.453	1 27/64	SN51_28_6x12Arx4x10ArxPrem4	no	min SN51_28_6 glass order: 1,080 SF
18	0.14	0.255	0.45	1 27/64	SN51_28_6x10Arx4x10ArxPrem6	no	min SN51_28_6 glass order: 1,080 SF
19	0.158	0.255	0.448	1 27/64	SN51_28_6x10Arx6x8ArxPrem6	no	min SN51_28_6 glass order: 1,080 SF
19a	0.158	0.255	0.448	1 27/64	SN51_28_6Tx10Arx6Tx8ArxPrem6T	yes	min SN51_28_6T glass order: 1,080 SF, tempered
LAMINATED GLAZING							
20	0.14	0.47	0.702	1 7/16	Prem33.1x12Arx4x10ArxPrem4	no	outer laminated
20a	0.14	0.47	0.702	1 7/16	Prem33.1x12Arx4Tx10ArxPrem4T	yes	outer laminated, 2 panes tempered



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21	0.158	0.45	0.698	1 27/64	Prem44.6x10Arx4x8ArxPrem4	no	outer laminated, min Prem44.6 glass order: 1,077 SF
21a	0.158	0.45	0.698	1 27/64	Prem44.6x10Arx4Tx8ArxPrem4T	yes	outer laminated, 2 panes tempered, min Prem44.6 glass order: 1,077 SF
MATTE GLAZING							
22	0.123	n/a	n/a	1 27/64	Prem4x12Arx4MATx12ArxPrem4	no	no min, middle pane matte glass
22a	0.123	n/a	n/a	1 27/64	Prem4Tx12Arx4TMATx12ArxPrem4T	yes	no min, middle pane matte glass, all panes tempered
23	0.14	n/a	n/a	1 27/64	Prem6x12Arx4MATx10ArxPrem4	no	no min, middle pane matte glass
24	0.14	n/a	n/a	1 27/64	Prem6x10Arx4MATx10ArxPrem6	no	no min, middle pane matte glass
24a	0.158	n/a	n/a	1 27/64	Prem6Tx10Arx6TMATx8ArxPrem6T	yes	no min, middle pane matte glass, all panes tempered
<p>Notes: Glass is listed from exterior to interior (left to right). Provided values are based on EN410 and EN673 calculation methods. NFRC values might be different.</p>							