

PHI INPUTS

ARCADE, 15/16" (24mm)

DOUBLE PANE

Window frame inputs

No.	Type	U <sub>f</sub> -Value	R-Value	Frame Dimensions*			
	Frame	Frame	Frame	Width/Left	Width/Right	Width/Below	Width/Above
		BTU/(hr.ft <sup>2</sup> .F)	(hr.ft <sup>2</sup> .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"

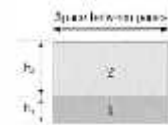
Balcony door frame inputs

No.	Type	U <sub>f</sub> -Value	R-Value	Frame Dimensions	
	Frame	Frame	Frame	Total Width	Total Height
	Out-swing (Height up to 86")	BTU/(hr.ft <sup>2</sup> .F)	(hr.ft <sup>2</sup> .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 <sub>f</sub> -Value	R-Value	Frame Dimensions	
	Frame	Frame	Frame	Total Width	Total Height
	Out-swing (Height 86.1"-96")	BTU/(hr.ft <sup>2</sup> .F)	(hr.ft <sup>2</sup> .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 <sub>g</sub> BTU/(hr.ft <sup>2</sup> .F)	SHGC	VT	Depth, in	Glazing, mm	Tempered	Notes
STANDARD GLAZING							
4	0.194	0.571	0.801	15/16	Prem4x16Arx4	no	no min
4a	0.194	0.571	0.801	15/16	Prem4Tx16Arx4T	yes	no min, all panes tempered
5	0.194	0.561	0.797	15/16	PremG6x14Arx4	no	no min
6	0.229	0.561	0.792	15/16	Prem6x12Arx6	no	no min
6a	0.229	0.561	0.792	15/16	Prem6Tx12Arx6T	yes	no min, all panes tempered
7	0.176	0.467	0.701	15/16	CG4x16Arx4	no	no min
7a	0.176	0.467	0.701	15/16	CG4Tx16Arx4T	yes	no min, all panes tempered
8	0.194	0.46	0.698	15/16	CG6x14Arx4	no	no min
8a	0.194	0.46	0.698	15/16	CG6Tx14Arx4T	yes	no min, all panes tempered
9	0.211	0.46	0.694	15/16	CG6x12Arx6	no	no min
9a	0.211	0.46	0.694	15/16	CG6Tx12Arx6T	yes	no min, all panes tempered
13	0.194	0.278	0.509	15/16	SN51_28_6x14Arx4	no	min SN51_28_6 glass order: 1,080 SF
14	0.211	0.279	0.506	15/16	SN51_28_6x12Arx6	no	min SN51_28_6 glass order: 1,080 SF
14a	0.211	0.279	0.506	15/16	SN51_28_6Tx12Arx6T	yes	min SN51_28_6T glass order: 1,080 SF, tempered



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LAMINATED GLAZING							
15	0.194	0.541	0.793	15/16	Prem33.1x14Arx4	no	outer laminated
15a	0.194	0.541	0.793	15/16	Prem33.1x14Arx4T	yes	outer laminated, inside pane tempered
16	0.246	0.519	0.789	15/16	Prem44.6x10Arx4	no	outer laminated, min Prem44.6 glass order: 1,077 SF
16a	0.246	0.519	0.789	15/16	Prem44.6x10Arx4T	yes	outer laminated, inside pane tempered, min Prem44.6 glass order: 1,077 SF
MATTE GLAZING							
17	0.194	n/a	n/a	15/16	Prem4x16ArxMAT4	no	no min, inside pane matte glass
17a	0.194	n/a	n/a	15/16	Prem4Tx16ArxMAT4T	yes	no min, inside pane matte glass, all panes tempered
18	0.194	n/a	n/a	15/16	Prem6x14ArxMAT4	no	no min, inside pane matte glass
18a	0.194	n/a	n/a	15/16	Prem6Tx14ArxMAT4T	yes	no min, inside pane matte glass, all panes tempered
19	0.229	n/a	n/a	15/16	Prem6x12ArxMAT6	no	no min, inside pane matte glass
19a	0.229	n/a	n/a	15/16	Prem6Tx12ArxMAT6T	yes	no min, inside pane matte glass, all panes tempered
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.							