

intelligent design
exceptional curb appeal



ADVANTAGE

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






































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Premium All-Vinyl Windows & Patio Doors



Tudor - Casement

I Lite

RSO	16½	20⅞	24¾	28⅝	30⅞ ₃₂	32¼	36⅜
OSM (mm)	400	500	600	700	750	800	900
OSM	15¾	19⅞	23⅝	27⅞	29⅞ ₃₂	31½	35⅞
Glass	10¾	14⅝	18¼	22⅜	24⅝ ₃₂	26⅞	30⅞
24⅜			 APTU 0606				
32¼	 APTU 0408	 APTU 0508	 APTU 0608	 APTU 0708	 APTU 07508	 APTU 0808	 APTU 0908
36⅜	 APTU 0409	 APTU 0509	 APTU 0609	 APTU 0709	 APTU 07509	 APTU 0809	 APTU 0909
40⅞	 APTU 0410	 APTU 0510	 APTU 0610	 APTU 0710	 APTU 07510	 APTU 0810	 APTU 0910
44⅞	 APTU 0411	 APTU 0511	 APTU 0611	 APTU 0711	 APTU 07511	 APTU 0811	 APTU 0911
48	 APTU 0412	 APTU 0512	 APTU 0612	 APTU 0712	 APTU 07512	 APTU 0812	 APTU 0912
51⅝	 APTU 0413	 APTU 0513	 APTU 0613	 APTU 0713	 APTU 07513	 APTU 0813	 APTU 0913
55⅞	 APTU 0414	 APTU 0514	 APTU 0614	 APTU 0714	 APTU 07514	 APTU 0814	 APTU 0914
59⅜	 APTU 0415	 APTU 0515	 APTU 0615	 APTU 0715	 APTU 07515	 APTU 0815	 APTU 0915
63¼	 APTU 0416	 APTU 0516	 APTU 0616	 APTU 0716	 APTU 07516	 APTU 0816	 APTU 0916
67⅞	 APTU 0417	 APTU 0517	 APTU 0617	 APTU 0717	 APTU 07517	 APTU 0817	 APTU 0917
71⅝	 APTU 0418	 APTU 0518	 APTU 0618	 APTU 0718	 APTU 07518	 APTU 0818	

* These products meet all BOCA/IBC egress requirements.

** These products meet bedroom window opening requirements of OBC/NBC. Check with your local building authority for egress requirements in your area.

† These products meet all BOCA/IBC egress requirements with installation of "egress hinge".

‡ These products meet all OBC/NBC bedroom window opening requirements with installation of "egress hinge".

[2] Indicates square foot of visible light.

Masonry Opening - Add ½" to OSM Width and add ¾" to OSM Height.

Hinging - is determined as viewed from outside.



Tudor - Casement

I Lite/Transom

	20 ⁷ / ₁₆	24 ³ / ₈	28 ⁵ / ₁₆	32 ¹ / ₄		RSO
	500	600	700	800	OSM (mm)	
	19 ¹¹ / ₁₆	23 ⁵ / ₈	27 ⁹ / ₁₆	31 ¹ / ₂	OSM	
					70 ⁷ / ₈	1800
	TU 0514/04	TU 0614/04	TU 0714/04	TU 0814/04		71 ⁵ / ₈
					78 ³ / ₄	2000
	TU 0516/04	TU 0616/04	TU 0716/04	TU 0816/04		79 ¹ / ₂
					86 ⁵ / ₈	2200
	TU 0518/04	TU 0618/04	TU 0718/04	TU 0818/04		87 ³ / ₈

Caribbean - Awning

	20 ⁷ / ₁₆	24 ³ / ₈	28 ⁵ / ₁₆	29 ⁹ / ₃₂	32 ¹ / ₄	36 ³ / ₁₆	40 ¹ / ₈		RSO	
	500	600	700	750	800	900	1000	OSM (mm)		
	19 ¹¹ / ₁₆	23 ⁵ / ₈	27 ⁹ / ₁₆	29 ¹⁷ / ₃₂	31 ¹ / ₂	35 ⁷ / ₁₆	39 ³ / ₈	OSM		
								Glass	500	20 ⁷ / ₁₆
	APCA 0505	APCA 0605	APCA 0705	APCA 07505	APCA 0805	APCA 0905	APCA 1005	14 ⁵ / ₁₆		24 ³ / ₈
								18 ¹ / ₄	600	28 ⁵ / ₁₆
	APCA 0506	APCA 0606	APCA 0706	APCA 07506	APCA 0806	APCA 0906	APCA 1006	19 ¹¹ / ₁₆		32 ¹ / ₄
								22 ³ / ₁₆	700	36 ³ / ₁₆
	APCA 0507	APCA 0607	APCA 0707	APCA 07507	APCA 0807	APCA 0907	APCA 1007	18 ¹ / ₄		40 ¹ / ₈
								26 ¹ / ₈	800	
	APCA 0508	APCA 0608	APCA 0708	APCA 07508	APCA 0808	APCA 0908	APCA 1008	27 ⁹ / ₁₆		
								30 ¹ / ₁₆	900	
	APCA 0509	APCA 0609	APCA 0709	APCA 07509	APCA 0809	APCA 0909	APCA 1009	31 ¹ / ₂		
								34	1000	
	APCA 0510	APCA 0610	APCA 0710	APCA 07510	APCA 0810	APCA 0910	APCA 1010	35 ⁷ / ₁₆		
								39 ³ / ₈		

[12] Indicates square foot of visible lite.

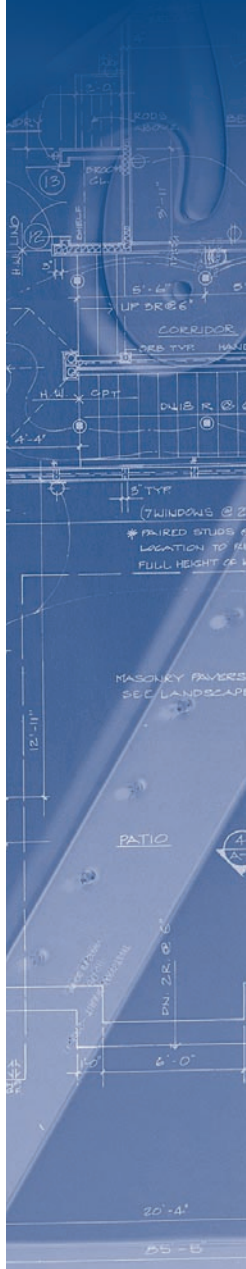
Add the prefix "AML" in front of code to indicate Advantage Multi Lite.

Awning Hinging - Awnings are hinged at the top of the window.



Masonry Opening - Add 1/2" to OSM Width and add 3/4" to OSM Height.


Casement Hinging - is determined as viewed from outside.



Fixed Lites

RSO	16½	20⅙	24⅜	28⅝	30⅝	32¼	36⅜	40⅞	44⅙	48
OSM (mm)	400	500	600	700	750	800	900	1000	1100	1200
OSM	15¾	19⅙	23⅝	27⅙	29⅝	31½	35⅙	39⅝	43⅙	47¼
Glass	10⅜	14⅝	18¼	22⅜	24⅝	26⅞	30⅙	34	37⅝	41⅞
400	APFL0404	APFL0504	APFL0604	APFL0704	APFL07504	APFL0804	APFL0904	APFL1004	APFL1104	APFL1204
500	APFL0405	APFL0505	APFL0605	APFL0705	APFL07505	APFL0805	APFL0905	APFL1005	APFL1105	APFL1205
600	APFL0406	APFL0506	APFL0606	APFL0706	APFL07506	APFL0806	APFL0906	APFL1006	APFL1106	APFL1206
700	APFL0407	APFL0507	APFL0607	APFL0707	APFL07507	APFL0807	APFL0907	APFL1007	APFL1107	APFL1207
800	APFL0408	APFL0508	APFL0608	APFL0708	APFL07508	APFL0808	APFL0908	APFL1008	APFL1108	APFL1208
900	APFL0409	APFL0509	APFL0609	APFL0709	APFL07509	APFL0809	APFL0909	APFL1009	APFL1109	APFL1209
1000	APFL0410	APFL0510	APFL0610	APFL0710	APFL07510	APFL0810	APFL0910	APFL1010	APFL1110	APFL1210
1100	APFL0411	APFL0511	APFL0611	APFL0711	APFL07511	APFL0811	APFL0911	APFL1011	APFL1111	APFL1211
1200	APFL0412	APFL0512	APFL0612	APFL0712	APFL07512	APFL0812	APFL0912	APFL1012	APFL1112	APFL1212
1300	APFL0413	APFL0513	APFL0613	APFL0713	APFL07513	APFL0813	APFL0913	APFL1013	APFL1113	APFL1213
1400	APFL0414	APFL0514	APFL0614	APFL0714	APFL07514	APFL0814	APFL0914	APFL1014	APFL1114	APFL1214
1500	APFL0415	APFL0515	APFL0615	APFL0715	APFL07515	APFL0815	APFL0915	APFL1015	APFL1115	APFL1215
1600	APFL0416	APFL0516	APFL0616	APFL0716	APFL07516	APFL0816	APFL0916	APFL1016	APFL1116	APFL1216
1700	APFL0417	APFL0517	APFL0617	APFL0717	APFL07517	APFL0817	APFL0917	APFL1017	APFL1117	APFL1217
1800	APFL0418	APFL0518	APFL0618	APFL0718	APFL07518	APFL0818	APFL0918	APFL1018	APFL1118	APFL1218

Fixed Lites (APFL) products are available as Fixed Lites in Frame (APFL) in the same size options as the APFLs.

 Indicates square foot of visible light.

Masonry Opening - Add ½" to OSM Width and add ¾" to OSM Height.

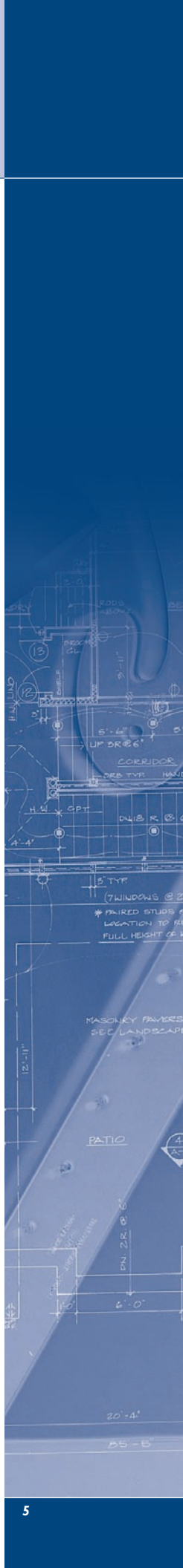
Fixed Lites

51 ¹⁵ / ₁₆	55 ⁷ / ₈	59 ¹³ / ₁₆	63 ³ / ₄	67 ¹¹ / ₁₆	71 ⁵ / ₈	OSM (mm)	OSM	Glass	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800		
1300	1400	1500	1600	1700	1800																				
51 ³ / ₁₆	55 ⁵ / ₈	59 ⁵ / ₁₆	63	68 ¹⁵ / ₁₆	70 ⁷ / ₈																				
45 ¹³ / ₁₆	49 ³ / ₄	53 ¹¹ / ₁₆	57 ⁵ / ₈	61 ⁹ / ₁₆	65 ¹ / ₂																				
29	31	33	36	38	41																				
APFL1304	APFL1404	APFL1504	APFL1604	APFL1704	APFL1804																				
40	44	48	5.1	55	59																				
APFL1305	APFL1405	APFL1505	APFL1605	APFL1705	APFL1805																				
5.3	57	62	67	72	76																				
APFL1306	APFL1406	APFL1506	APFL1606	APFL1706	APFL1806																				
6.5	7.1	7.7	8.3	8.9	9.4																				
APFL1307	APFL1407	APFL1507	APFL1607	APFL1707	APFL1807																				
7.7	8.4	9.1	9.8	10.5	11.1																				
APFL1308	APFL1408	APFL1508	APFL1608	APFL1708	APFL1808																				
9.0	9.7	10.5	11.4	12.2	12.9																				
APFL1309	APFL1409	APFL1509	APFL1609	APFL1709	APFL1809																				
10.2	11.1	12.0	12.9	13.8	14.5																				
APFL1310	APFL1410	APFL1510	APFL1610	APFL1710	APFL1810																				
11.4	12.4	13.4	14.4	15.5	16.4																				
APFL1311	APFL1411	APFL1511	APFL1611	APFL1711	APFL1811																				
12.6	13.7	14.8	15.9	17.1	18.2																				
APFL1312	APFL1412	APFL1512	APFL1612	APFL1712	APFL1812																				
13.8	15.0	16.3	17.5	18.8	20.0																				
APFL1313	APFL1413	APFL1513	APFL1613	APFL1713	APFL1813																				
15.0	16.4	17.7	19.0	20.3	21.7																				
APFL1314	APFL1414	APFL1514	APFL1614	APFL1714	APFL1814																				
16.3	17.7	19.1	20.6	22.1	23.4																				
APFL1315	APFL1415	APFL1515	APFL1615	APFL1715	APFL1815																				
17.5	19.0	20.6	22.1	23.7	25.2																				
APFL1316	APFL1416	APFL1516	APFL1616	APFL1716	APFL1816																				
18.7	20.4	22.0	23.6	25.4	27.0																				
APFL1317	APFL1417	APFL1517	APFL1617	APFL1717	APFL1817																				
20.0	21.7	23.4	25.2	27.0	28.7																				
APFL1318	APFL1418	APFL1518	APFL1618	APFL1718	APFL1818																				























































Fixed Lites (APFL) products are available as Fixed Lites in Frame (APFF) in the same size options as the APFLs.

Indicates square foot of visible light.

Masonry Opening - Add 1/2" to OSM Width and add 3/4" to OSM Height.



Single Hung

RSO		24 ³ / ₈	28 ⁵ / ₁₆	30 ⁹ / ₃₂	32 ¹ / ₄	36 ³ / ₁₆	40 ¹ / ₈		
	OSM (mm)	600	700	750	800	900	1000		
	OSM	23 ⁵ / ₈	27 ⁹ / ₁₆	29 ¹⁷ / ₃₂	31 ¹ / ₂	35 ⁷ / ₁₆	39 ³ / ₈		
	Glass	19 ⁵ / ₈	23 ⁹ / ₁₆	25 ¹⁷ / ₃₂	27 ¹ / ₂	31 ⁷ / ₁₆	35 ³ / ₈		
40 ¹ / ₈	1000	39 ³ / ₈	17 ¹ / ₈	 4.2	 5.1	 5.5	 6.0	 6.8	 7.7
		ASH 0610	ASH 0710	ASH 07510	ASH 0810	ASH 0910	ASH 1010		
44 ¹ / ₁₆	1100	43 ⁵ / ₁₆	19 ¹ / ₈	 4.7	 5.7	 6.2	 6.7	 7.7	 8.7
		ASH 0611	ASH 0711	ASH 07511	ASH 0811	ASH 0911	ASH 1011	**	**
48	1200	47 ¹ / ₄	21 ¹ / ₁₆	 5.2	 6.3	 6.9	 7.4	 8.5	 9.6
		ASH 0612	ASH 0712	ASH 07512	ASH 0812	ASH 0912	ASH 1012	**	**
51 ¹⁵ / ₁₆	1300	51 ³ / ₁₆	23 ¹ / ₁₆	 5.7	 6.9	 7.5	 8.1	 9.3	 10.6
		ASH 0613	ASH 0713	ASH 07513	ASH 0813	ASH 0913	ASH 1013	**	**
55 ⁷ / ₈	1400	55 ¹ / ₈	25	 6.2	 7.5	 8.2	 8.9	 10.2	 11.5
		ASH 0614	ASH 0714	ASH 07514	ASH 0814	ASH 0914	ASH 1014	**	**
59 ¹³ / ₁₆	1500	59 ¹ / ₁₆	27	 6.7	 8.2	 8.9	 9.6	 11.0	 12.4
		ASH 0615	ASH 0715	ASH 07515	ASH 0815	ASH 0915	ASH 1015	**	**
63 ³ / ₄	1600	63	28 ¹⁵ / ₁₆	 7.3	 8.8	 9.5	 10.3	 11.8	 13.4
		ASH 0616	ASH 0716	ASH 07516	ASH 0816	ASH 0916	ASH 1016	**	**
67 ¹¹ / ₁₆	1700	66 ¹⁵ / ₁₆	30 ¹⁵ / ₁₆	 7.8	 9.4	 10.2	 11.0	 12.7	 14.3
		ASH 0617	ASH 0717	ASH 07517	ASH 0817	ASH 0917	ASH 1017	**	**
71 ⁵ / ₈	1800	70 ⁷ / ₈	32 ⁷ / ₈	 8.3	 10.0	 10.9	 11.8	 13.5	 15.3
		ASH 0618	ASH 0718	ASH 07518	ASH 0818	ASH 0918	ASH 1018	**	**

* These products meet all BOCA/IBC egress requirements.























































** These products meet bedroom window opening requirements of OBC/NBC. Check with your local building authority for egress requirements in your area.

³/₄" SDL (Simulated Divided Lite) available only. 1¹/₈" SDL NOT available.

12 - Indicates square foot of visible lite.

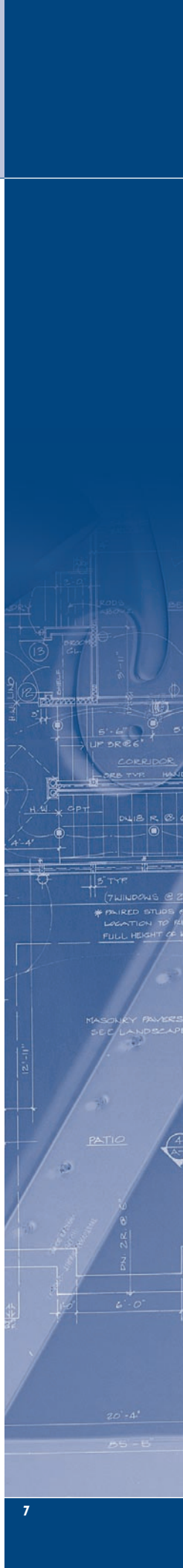
Masonry Opening - Add ¹/₂" to OSM Width and add ³/₄" to OSM Height.

Twintilt Double Hung

OSM (mm)						RSO
24 ³ / ₈	28 ⁵ / ₁₆	30 ⁹ / ₃₂	32 ¹ / ₄	36 ³ / ₁₆	40 ¹ / ₈	
600	700	750	800	900	1000	
OSM						
23 ⁵ / ₈	27 ⁹ / ₁₆	29 ¹⁷ / ₃₂	31 ¹ / ₂	35 ⁷ / ₁₆	39 ³ / ₈	
Glass						
18 ⁷ / ₈	19 ⁵ / ₈	22 ¹³ / ₁₆	23 ⁹ / ₁₆	24 ¹³ / ₁₆	25 ⁹ / ₁₆	26 ³ / ₄
27 ¹ / ₂	30 ¹ / ₁₆	31 ⁷ / ₁₆	34 ⁵ / ₈	35 ³ / ₈		
 4.1 ATW 0610	 5.0 ATW 0710	 5.4 ATW 07510	 5.8 ATW 0810	 6.7 ATW 0910	 7.6 ATW 1010	16 ⁵ / ₈ 17 ³ / ₈
 4.6 ATW 0611	 5.6 ATW 0711	 6.0 ATW 07511	 6.5 ATW 0811	 7.5 ATW 0911	 8.5 ATW 1011 **	18 ⁵ / ₈ 19 ³ / ₈
 5.1 ATW 0612	 6.2 ATW 0712	 6.8 ATW 07512	 7.3 ATW 0812	 8.4 ATW 0912 **	 9.5 ATW 1012 **	20 ⁹ / ₁₆ 21 ⁵ / ₁₆
 5.6 ATW 0613	 6.8 ATW 0713	 7.4 ATW 07513 **	 8.0 ATW 0813 **	 9.2 ATW 0913 **	 10.4 ATW 1013 **	22 ⁹ / ₁₆ 23 ⁵ / ₁₆
 6.1 ATW 0614	 7.4 ATW 0714 **	 8.0 ATW 07514 **	 8.7 ATW 0814 **	 10.0 ATW 0914 **	 11.3 ATW 1014 **	24 ¹ / ₂ 25 ¹ / ₄
 6.6 ATW 0615	 8.0 ATW 0715 **	 8.7 ATW 07515 **	 9.4 ATW 0815 **	 10.8 ATW 0915 **	 12.3 ATW 1015 **	26 ¹⁵ / ₃₂ 27 ¹ / ₃₂
 7.1 ATW 0616	 8.6 ATW 0716 **	 9.4 ATW 07516 **	 10.1 ATW 0816 **	 11.7 ATW 0916 **	 13.2 ATW 1016 **	28 ⁷ / ₁₆ 29 ³ / ₁₆
 7.6 ATW 0617 **	 9.2 ATW 0717 **	 10.0 ATW 07517 **	 10.8 ATW 0817 **	 12.5 ATW 0917 **	 14.1 ATW 1017 **	30 ⁷ / ₁₆ 31 ³ / ₁₆
 8.1 ATW 0618 **	 9.8 ATW 0718 **	 10.7 ATW 07518 **	 11.6 ATW 0818 **	 13.3 ATW 0918 **	 15.1 ATW 1018 **	32 ³ / ₈ 33 ¹ / ₈
						39 ³ / ₈
						43 ⁵ / ₁₆
						47 ¹ / ₄
						51 ³ / ₁₆
						55 ⁵ / ₈
						59 ⁹ / ₁₆
						63
						66 ¹⁵ / ₁₆
						70 ⁷ / ₈
						1000
						1100
						1200
						1300
						1400
						1500
						1600
						1700
						1800
						40 ¹ / ₈
						44 ¹ / ₁₆
						48
						51 ⁵ / ₁₆
						55 ⁷ / ₈
						59 ⁹ / ₁₆
						63 ³ / ₄
						67 ¹¹ / ₁₆
						71 ⁵ / ₈

* These products meet all BOCA/IBC egress requirements.
 ** These products meet bedroom window opening requirements of OBC/NBC.
 Check with your local building authority for egress requirements in your area.

³/₄" SDL (Simulated Divided Lite) available only. 1¹/₈" SDL NOT available.
 [12] Indicates square foot of visible lite.
Masonry Opening - Add 1/2" to OSM Width and add 3/4" to OSM Height.



Glider

RSO	24 ³ / ₈	25 ⁵ / ₁₆	36 ³ / ₁₆	40 ¹ / ₈	48	55 ⁷ / ₈	59 ¹³ / ₁₆	71 ⁵ / ₈			
OSM (mm)	600	700	900	1000	1200	1400	1500	1800			
OSM	23 ⁵ / ₈	27 ⁹ / ₁₆	35 ⁷ / ₁₆	39 ³ / ₈	47 ¹ / ₄	55 ¹ / ₈	59 ¹ / ₁₆	70 ⁷ / ₈			
Glass	9 ⁹ / ₁₆	11 ⁹ / ₁₆	15 ¹⁵ / ₃₂	17 ⁷ / ₁₆	21 ³ / ₈	25 ⁵ / ₁₆	27 ⁵ / ₁₆	33 ³ / ₁₆			
24 ³ / ₈	600	23 ⁵ / ₈	19 ⁷ / ₁₆	AGL 0606 [2.2]	AGL 0906 [3.7]	AGL 1006 [4.2]	AGL 1206 [5.2]	AGL 1406 [6.2]	AGL 1506 [6.7]	AGL 1806 [8.2]**	
32 ¹ / ₄	800	31 ¹ / ₂	27 ⁵ / ₁₆	AGL 0608 [3.1]	AGL 0708 [3.8]	AGL 0908 [5.3]	AGL 1008 [6.0]	AGL 1208 [7.4]**	AGL 1408 [8.9]**	AGL 1508 [9.6]**	AGL 1808 [11.8]**
36 ³ / ₁₆	900	35 ⁵ / ₁₆	31 ¹ / ₄		AGL 0909 [6.1]		AGL 1209 [8.5]**				
40 ¹ / ₈	1000	39 ³ / ₈	35 ³ / ₁₆	AGL 0910 [6.9]	AGL 1010 [7.8]	AGL 1210 [9.7]**	AGL 1410 [11.5]**	AGL 1510 [12.5]**	AGL 1810 [15.3]**		
48	1200	47 ¹ / ₄	43 ¹ / ₁₆	AGL 0912 [8.4]	AGL 1012 [9.6]	AGL 1212 [11.9]**	AFF 1412 [14.2]**	AGL 1512 [15.3]**	AGL 1812 [18.8]**		
55 ⁷ / ₈	1400	55 ¹ / ₈	50 ¹⁵ / ₁₆			AGL 1214 [14.1]**		AGL 1514 [18.2]**			
63 ³ / ₄	1600	63		AGL 0606/ AFF 0610 [7.0]	AGL 0906/ AFF 0910 [11.4]	AGL 1006/ AFF 1010 [12.8]	AGL 1206/ AFF 1210 [15.8]	AGL 1406/ AFF 1410 [18.7]	AGL 1506/ AFF 1510 [20.1]	AGL 1806/ AFF 1810 [24.5]**	
71 ⁵ / ₈	1800	70 ⁷ / ₈		AGL 0606/ AFF 0612 [8.0]	AGL 0906/ AFF 0912 [13.1]	AGL 1006/ AFF 1012 [14.7]	AGL 1206/ AFF 1212 [18.1]	AGL 1406/ AFF 1412 [21.5]	AGL 1506/ AFF 1512 [23.1]	AGL 1806/ AFF 1812 [28.2]**	

[12] Indicates square foot of visible light.

* These products meet all BOCA egress requirements.

** These products meet bedroom window opening requirements of OBC.

Check with your local building authority for egress requirements in your area.

3/4" SDL (Simulated Divided Lite) available only. 1/8" SDL NOT available.

Masonry Opening - Add 1/2" to OSM Width and add 3/4" to OSM Height.

Fixed Lites - Decorative



Half Round Window (HRW) Sizing

		WIDTH	X	HEIGHT
AHRW 0500	OSM	19-11/16"	x	9-27/32"
	OSM (mm)	500	x	250
AHRW 0600	OSM	23-5/8"	x	11-13/16"
	OSM (mm)	600	x	300
AHRW 0700	OSM	27-9/16"	x	13-25/32"
	OSM (mm)	700	x	350
AHRW 0800	OSM	31-1/2"	x	15-3/4"
	OSM (mm)	800	x	400
AHRW 0900	OSM	35-7/16"	x	17-23/32"
	OSM (mm)	900	x	450
AHRW 1000	OSM	39-3/8"	x	19-11/16"
	OSM (mm)	1000	x	500
AHRW 1200	OSM	47-1/4"	x	23-5/8"
	OSM (mm)	1200	x	600
AHRW 1400	OSM	55-1/8"	x	27-9/16"
	OSM (mm)	1400	x	700
AHRW 1500	OSM	59-1/16"	x	29-17/32"
	OSM (mm)	1500	x	750
AHRW 1600	OSM	63"	x	31-1/2"
	OSM (mm)	1600	x	800
AHRW 1800	OSM	70-7/8"	x	35-7/16"
	OSM (mm)	1800	x	900

HRW for Entrance Doors

		WIDTH	X	HEIGHT
AHRW 36SD	OSM	35-27/32"	x	17-15/16"
	OSM (mm)	912	x	456
AHRW 38SD	OSM	37-27/32"	x	18-15/16"
	OSM (mm)	962	x	481
AHRW 55D	OSM	54-29/32"	x	27-7/16"
	OSM (mm)	1395	x	698
AHRW 57D	OSM	56-29/32"	x	28-7/16"
	OSM (mm)	1446	x	723
AHRW 63D	OSM	62-25/32"	x	31-13/32"
	OSM (mm)	1595	x	798
AHRW 65D	OSM	64-25/32"	x	32-13/32"
	OSM (mm)	1646	x	823
AHRW 67D	OSM	66-23/32"	x	33-11/32"
	OSM (mm)	1695	x	847
AHRW 71D	OSM	70-23/32"	x	35-3/8"
	OSM (mm)	1796	x	898



Quarter Round Window Sizing

		WIDTH	X	HEIGHT
AQRW 0600	OSM	23-5/8"	x	23-5/8"
	OSM (mm)	600	x	600
AQRW 0800	OSM	31-1/2"	x	31-1/2"
	OSM (mm)	800	x	800



Elliptical Window (ELW) Sizing

		WIDTH	X	HEIGHT
AELW 1004	OSM	39-3/8"	x	15-3/4"
	OSM (mm)	1000	x	400
AELW 1204	OSM	47-1/4"	x	15-3/4"
	OSM (mm)	1200	x	400
AELW 1404	OSM	55-1/8"	x	15-3/4"
	OSM (mm)	1400	x	400
AELW 1504	OSM	59-1/16"	x	15-3/4"
	OSM (mm)	1500	x	400
AELW 1604	OSM	63"	x	15-3/4"
	OSM (mm)	1600	x	400
AELW 1804	OSM	70-7/8"	x	15-3/4"
	OSM (mm)	1800	x	400
AELW 1806	OSM	70-7/8"	x	23-5/8"
	OSM (mm)	1800	x	600
AELW 2106	OSM	82-11/16"	x	23-5/8"
	OSM (mm)	2100	x	600

ELW for Entrance Doors

AELW 55D16	OSM	54-29/32"	x	15-3/4"
	OSM (mm)	1395	x	400
AELW 57D16	OSM	56-29/32"	x	15-3/4"
	OSM (mm)	1446	x	400
AELW 63D16	OSM	62-25/32"	x	15-3/4"
	OSM (mm)	1595	x	400
AELW 65D16	OSM	64-25/32"	x	15-3/4"
	OSM (mm)	1646	x	400
AELW 67D16	OSM	66-23/32"	x	15-3/4"
	OSM (mm)	1695	x	400
AELW 67D24	OSM	66-23/32"	x	23-5/8"
	OSM (mm)	1695	x	600
AELW 71D16	OSM	70-23/32"	x	15-3/4"
	OSM (mm)	1796	x	400
AELW 71D24	OSM	70-23/32"	x	23-5/8"
	OSM (mm)	1796	x	600
AELW 86D24	OSM	85-25/32"	x	23-5/8"
	OSM (mm)	2179	x	600
AELW 94D24	OSM	93-21/32"	x	23-5/8"
	OSM (mm)	2379	x	600



Oval Window Sizing

		WIDTH	X	HEIGHT
AOVW 2133	OSM	20-1/2"	x	32-1/2"
	OSM (mm)	521	x	826



Round Window Sizing

		WIDTH	X	HEIGHT
ARW 0600	OSM	23-5/8"	x	23-5/8"
	OSM (mm)	600	x	600
ARW 0800	OSM	31-1/2"	x	31-1/2"
	OSM (mm)	800	x	800

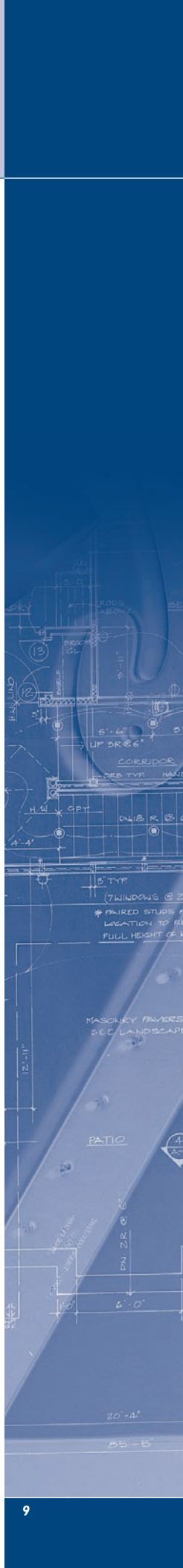
Extended Segmental (ESW) Window Sizing

		WIDTH	X	HEIGHT
AESW 0804	OSM	31-1/2"	x	15-3/4"
	OSM (mm)	800	x	400
AESW 0904	OSM	35-7/16"	x	15-3/4"
	OSM (mm)	900	x	400
AESW 1004	OSM	39-3/8"	x	15-3/4"
	OSM (mm)	1000	x	400
AESW 1204	OSM	47-1/4"	x	15-3/4"
	OSM (mm)	1200	x	400
AESW 1206	OSM	47-1/4"	x	23-5/8"
	OSM (mm)	1200	x	600
AESW 1404	OSM	55-1/8"	x	15-3/4"
	OSM (mm)	1400	x	400
AESW 1406	OSM	55-1/8"	x	23-5/8"
	OSM (mm)	1400	x	600
AESW 1504	OSM	59-1/16"	x	15-3/4"
	OSM (mm)	1500	x	400
AESW 1506	OSM	59-1/16"	x	23-5/8"
	OSM (mm)	1500	x	600
AESW 1604	OSM	63"	x	15-3/4"
	OSM (mm)	1600	x	400
AESW 1606	OSM	63"	x	23-5/8"
	OSM (mm)	1600	x	600
AESW 1804	OSM	70-7/8"	x	15-3/4"
	OSM (mm)	1800	x	400
AESW 1806	OSM	70-7/8"	x	23-5/8"
	OSM (mm)	1800	x	600
AESW 2106	OSM	82-11/16"	x	23-5/8"
	OSM (mm)	2100	x	600
AESW 2406	OSM	94-1/2"	x	23-5/8"
	OSM (mm)	2400	x	600






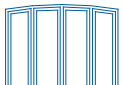







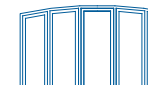
ESW for Entrance Doors

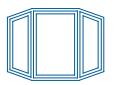
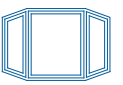
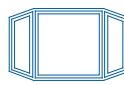
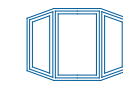
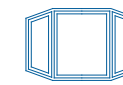


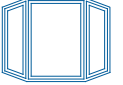
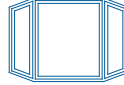
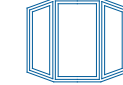








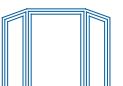
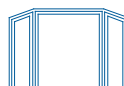
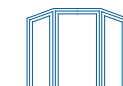
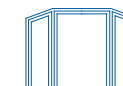
AESW 55D16	OSM	54-29/32"	x	15-3/4"
	OSM (mm)	1395	x	400
AESW 55D24	OSM	54-29/32"	x	23-5/8"
	OSM (mm)	1395	x	600
AESW 57D16	OSM	56-29/32"	x	15-3/4"
	OSM (mm)	1446	x	400
AESW 57D24	OSM	56-29/32"	x	23-5/8"
	OSM (mm)	1446	x	600
AESW 63D16	OSM	62-25/32"	x	15-3/4"
	OSM (mm)	1595	x	400
AESW 63D24	OSM	62-25/32"	x	23-5/8"
	OSM (mm)	1595	x	600
AESW 65D16	OSM	64-25/32"	x	15-3/4"
	OSM (mm)	1646	x	400
AESW 65D24	OSM	64-25/32"	x	23-5/8"
	OSM (mm)	1646	x	600
AESW 67D16	OSM	66-23/32"	x	15-3/4"
	OSM (mm)	1695	x	400
AESW 67D24	OSM	66-23/32"	x	23-5/8"
	OSM (mm)	1695	x	600
AESW 71D16	OSM	70-23/32"	x	15-3/4"
	OSM (mm)	1796	x	400
AESW 71D24	OSM	70-23/32"	x	23-5/8"
	OSM (mm)	1796	x	600

These are our most popular sizes. Custom sizes are available.
To find the curved product that matches above other standard products match the OSM width.



Tudor Casement Bows and Bays

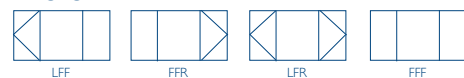
RSO		80 $\frac{3}{8}$	95 $\frac{13}{16}$	99 $\frac{5}{16}$	118 $\frac{3}{8}$		
	OSM (mm)	2025	2415	2500	2990		
	OSM	79 $\frac{3}{8}$	95 $\frac{1}{16}$	98 $\frac{9}{16}$	117 $\frac{5}{8}$		
	Glass						
55 $\frac{7}{8}$	1400	55 $\frac{7}{8}$					4 LITE BOW  X Projection = 8-1/8" for 500 Series 9-1/2" for 600 Series
			APFFR 0514	APFFR 0614	APFFFR 0514	APFFFR 0614	
63 $\frac{3}{4}$	1600	63					5 LITE BOW  X Projection = 11-5/8" for 500 Series 13-1/16" for 600 Series
			APFFR 0516	APFFR 0616	APFFFR 0516	APFFFR 0616	
71 $\frac{1}{2}$	1800	70 $\frac{7}{8}$					Add the prefix "AML-BOW" in front of code to indicate Advantage Multi Lite.
			APFFR 0518	APFFR 0618	APFFFR 0518	APFFFR 0618	

RSO		45° - 65 $\frac{7}{8}$	45° - 73 $\frac{3}{4}$	45° - 81 $\frac{1}{2}$	45° - 71 $\frac{1}{2}$	45° - 79 $\frac{3}{8}$	45° - 87 $\frac{1}{4}$	
	OSM (mm)	30° - 70 $\frac{13}{16}$	30° - 78 $\frac{11}{16}$	30° - 86 $\frac{1}{16}$	30° - 77 $\frac{5}{8}$	30° - 85 $\frac{1}{2}$	30° - 93 $\frac{1}{8}$	
	OSM	45° - 65 $\frac{1}{8}$	45° - 73	45° - 80 $\frac{7}{8}$	45° - 70 $\frac{3}{4}$	45° - 78 $\frac{5}{8}$	45° - 86 $\frac{1}{2}$	
		30° - 70 $\frac{1}{16}$	30° - 77 $\frac{15}{16}$	30° - 85 $\frac{13}{16}$	30° - 76 $\frac{3}{8}$	30° - 84 $\frac{3}{4}$	30° - 92 $\frac{5}{8}$	
	Glass							
48	1200	47 $\frac{1}{4}$						45° BAY  X Projection = 16-3/4" for 500 Series 19-1/2" for 600 Series
			APFR 0512-08	APFR 0512-10	APFR 0512-12	APFR 0612-08	APFR 0612-10	APFR 0612-12
55 $\frac{7}{8}$	1400	55 $\frac{5}{8}$						30° BAY  X Projection = 11-3/4" for 500 Series 13-1/16" for 600 Series
			APFR 0514-08	APFR 0514-10	APFR 0514-12	APFR 0614-08	APFR 0614-10	APFR 0614-12
63 $\frac{3}{4}$	1600	63						Add the prefix "AML-BAY 30°" or "AML-BAY 45°" in front of code to indicate Advantage Multi Lite.
			APFR 0516-08	APFR 0516-10	APFR 0516-12	APFR 0616-08	APFR 0616-10	APFR 0616-12
71 $\frac{1}{2}$	1800	70 $\frac{7}{8}$						
			APFR 0518-08	APFR 0518-10	APFR 0518-12	APFR 0618-08	APFR 0618-10	APFR 0618-12

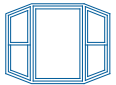
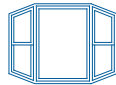
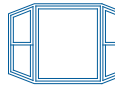
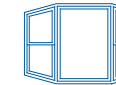

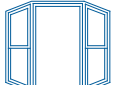
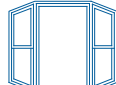
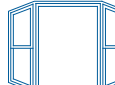


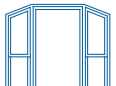




Add 1 $\frac{1}{2}$ " to OSM height if head and seat required.

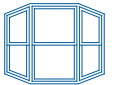
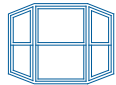
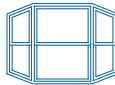
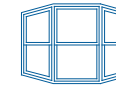
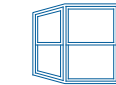
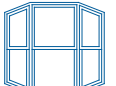
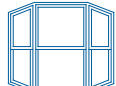
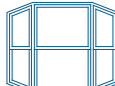
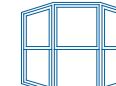
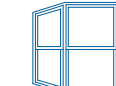

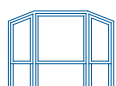
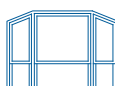
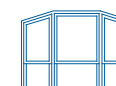
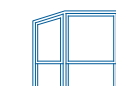
Masonry Opening - Add $\frac{1}{2}$ " to OSM Width and add $\frac{3}{4}$ " to OSM Height.

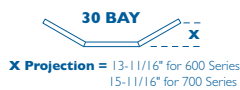
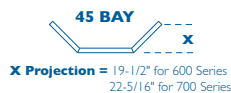
Hinging - is determined as viewed from outside.



Single Hung & Double Hung Bays & Bows

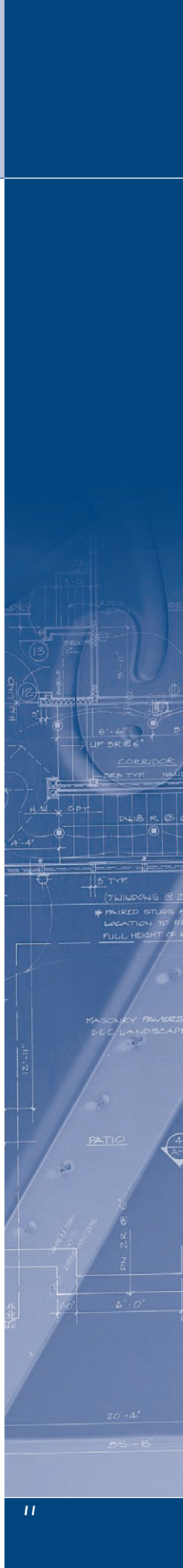
45°-71½	45°-79¾	45°-87¼	45°-85½	45°-92¼	RSO
30°-77¾	30°-85½	30°-93¾	30°-92¾	30°-100¾	
45°-1800	45°-2000	45°-2200	45°-2140	45°-2340	OSM (mm)
30°-1955	30°-2155	30°-2355	30°-2325	30°-2525	
45°-70¾	45°-78¾	45°-86½	45°-84¾	45°-92¼	OSM
30°-76¾	30°-84¾	30°-92¾	30°-91¾	30°-99¼	
					55⅞
OFO 0614-08	OFO 0614-10	OFO 0614-12	OFO 0714-10	OFO 0714-12	1400
					63
OFO 0616-08	OFO 0616-10	OFO 0616-12	OFO 0716-10	OFO 0716-12	1600
					70⅞
OFO 0618-08	OFO 0618-10	OFO 0618-12	OFO 0718-10	OFO 0718-12	1800

45°-71½	45°-79¾	45°-87¼	45°-85½	45°-92¼	RSO
30°-77¾	30°-85½	30°-93¾	30°-92¾	30°-100¾	
45°-1800	45°-2000	45°-2200	45°-2140	45°-2340	OSM (mm)
30°-1955	30°-2155	30°-2355	30°-2325	30°-2525	
45°-70¾	45°-78¾	45°-86½	45°-84¾	45°-92¼	OSM
30°-76¾	30°-84¾	30°-92¾	30°-91¾	30°-99¼	
					55⅞
OOO 0614-08	OOO 0614-10	OOO 0614-12	OOO 0714-10	OOO 0714-12	1400
					63
OOO 0616-08	OOO 0616-10	OOO 0616-12	OOO 0716-10	OOO 0716-12	1600
					70⅞
OOO 0618-08	OOO 0618-10	OOO 0618-12	OOO 0718-10	OOO 0718-12	1800



Add 1½" to OSM height if head and seat required.
Add the prefix "AML-BAY 30° or AML-BAY 45°" in front of code to indicate Advantage Multi Lite.

Masonry Opening - Add ½" to OSM Width and add ¾" to OSM Height.



Panels - Decorative

Polyurethane Panels



Half Round Panel Sizing

		WIDTH	X	HEIGHT
UHRP 0500	OSM	19-11/16"	x	9-27/32"
	OSM (mm)	500	x	250
UHRP 0600	OSM	23-5/8"	x	11-13/16"
	OSM (mm)	600	x	300
UHRP 0700	OSM	27-9/16"	x	13-25/32"
	OSM (mm)	700	x	350
UHRP 0800	OSM	31-1/2"	x	15-3/4"
	OSM (mm)	800	x	400
UHRP 0900	OSM	35-7/16"	x	17-23/32"
	OSM (mm)	900	x	450
UHRP 1000	OSM	39-3/8"	x	19-11/16"
	OSM (mm)	1000	x	500
UHRP 1200	OSM	47-1/4"	x	23-5/8"
	OSM (mm)	1200	x	600



Round Panel Sizing

		WIDTH	X	HEIGHT
URP 0600	OSM	23-5/8"	x	23-5/8"
	OSM (mm)	600	x	600



Elliptical Panel Sizing

		WIDTH	X	HEIGHT
UELPG 1004	OSM	39-3/8"	x	15-3/4"
	OSM (mm)	1000	x	400
UELPG 1204	OSM	47-1/4"	x	15-3/4"
	OSM (mm)	1200	x	400
UELPG 1404	OSM	55-1/8"	x	15-3/4"
	OSM (mm)	1400	x	400

Glass Panels



Extended Segmental Panel Sizing

		WIDTH	X	HEIGHT
AESGP 1004	OSM	39-3/8"	x	15-3/4"
	OSM (mm)	1000	x	400
AESGP 1204	OSM	47-1/4"	x	15-3/4"
	OSM (mm)	1200	x	400
AESGP 1206	OSM	47-1/4"	x	23-5/8"
	OSM (mm)	1200	x	600
AESGP 1404	OSM	55-1/8"	x	15-3/4"
	OSM (mm)	1400	x	400
AESGP 1406	OSM	55-1/8"	x	23-5/8"
	OSM (mm)	1400	x	600
AESGP 1506	OSM	59-1/16"	x	23-5/8"
	OSM (mm)	1500	x	600
AESGP 1606	OSM	63"	x	23-5/8"
	OSM (mm)	1600	x	600
AESGP 1806	OSM	70-7/8"	x	23-5/8"
	OSM (mm)	1800	x	600



Oval Panel Sizing

		WIDTH	X	HEIGHT
AOVGP 2133	OSM	20-1/2"	x	32-1/2"
	OSM (mm)	521	x	826



Round Panel Sizing

		WIDTH	X	HEIGHT
ARGP 0500	OSM	19-11/16"	x	19-11/16"
	OSM (mm)	500	x	500
ARGP 0600	OSM	23-5/8"	x	23-5/8"
	OSM (mm)	600	x	600



Rectangular Panel Sizing

		WIDTH	X	HEIGHT
AGP 0506	OSM	19-11/16"	x	23-5/8"
	OSM (mm)	500	x	600
AGP 0508	OSM	19-11/16"	x	31-1/2"
	OSM (mm)	500	x	800
AGP 0510	OSM	19-11/16"	x	39-3/8"
	OSM (mm)	500	x	1000
AGP 0606	OSM	23-5/8"	x	23-5/8"
	OSM (mm)	600	x	600
AGP 0608	OSM	23-5/8"	x	31-1/2"
	OSM (mm)	600	x	800
AGP 0610	OSM	23-5/8"	x	39-3/8"
	OSM (mm)	600	x	1000
AGP 0612	OSM	23-5/8"	x	47-1/4"
	OSM (mm)	600	x	1200
AGP 0708	OSM	27-9/16"	x	31-1/2"
	OSM (mm)	700	x	800
AGP 0710	OSM	27-9/16"	x	39-3/8"
	OSM (mm)	700	x	1000



Half Round Panel Sizing

		WIDTH	X	HEIGHT
AHRGP 0500	OSM	19-11/16"	x	9-27/32"
	OSM (mm)	500	x	250
AHRGP 0600	OSM	23-5/8"	x	11-13/16"
	OSM (mm)	600	x	300
AHRGP 0700	OSM	27-9/16"	x	13-25/32"
	OSM (mm)	700	x	350
AHRGP 0800	OSM	31-1/2"	x	15-3/4"
	OSM (mm)	800	x	400
AHRGP 0900	OSM	35-7/16"	x	17-23/32"
	OSM (mm)	900	x	450
AHRGP 1000	OSM	39-3/8"	x	19-11/16"
	OSM (mm)	1000	x	500
AHRGP 1200	OSM	47-1/4"	x	23-5/8"
	OSM (mm)	1200	x	600
AHRGP 1400	OSM	55-1/8"	x	27-9/16"
	OSM (mm)	1400	x	700
AHRGP 1500	OSM	59-1/16"	x	29-17/32"
	OSM (mm)	1500	x	750
AHRGP 1600	OSM	63"	x	31-1/2"
	OSM (mm)	1600	x	800
AHRGP 1800	OSM	70-7/8"	x	35-7/16"
	OSM (mm)	1800	x	900



Elliptical Panel Sizing

		WIDTH	X	HEIGHT
AELGP 1204	OSM	47-1/4"	x	15-3/4"
	OSM (mm)	1200	x	400
AELGP 1404	OSM	55-1/8"	x	15-3/4"
	OSM (mm)	1400	x	400
AELGP 1504	OSM	59-1/16"	x	15-3/4"
	OSM (mm)	1500	x	400
AELGP 1604	OSM	63"	x	15-3/4"
	OSM (mm)	1600	x	400
AELGP 1704	OSM	66-15/16"	x	15-3/4"
	OSM (mm)	1700	x	400
AELGP 1804	OSM	70-7/8"	x	15-3/4"
	OSM (mm)	1800	x	400



Quarter Round Panel Sizing

		WIDTH	X	HEIGHT
AQRGP 0600	OSM	23-5/8"	x	23-5/8"
	OSM (mm)	600	x	600
AQRGP 0800	OSM	31-1/2"	x	31-1/2"
	OSM (mm)	800	x	800

These are our most popular sizes. Custom sizes are available.
To find the curved product that matches above other standard products match the OSM width.

Performance Data



A smart choice for the energy conscious. Ask your sales representative for information on windows that have earned the ENERGY STAR®.

WINDOW	GLAZING	U-FACTOR imp (met)	SHGC	ER
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ADVANTAGE PLUS

AWNING (APCA)	GLAZING	U-FACTOR imp (met)	SHGC	ER
	3/4" NC 180	0.26 (1.48)	0.46	34
	3/4" NC 180 w/grills	0.26 (1.48)	0.42	32
	3/4" SC 366	0.25 (1.42)	0.18	19
	3/4" SC 366 w/grills	0.25 (1.42)	0.16	18
	3/4" NC2 180/i89	0.23 (1.31)	0.42	35
	3/4" NC2 180/i89 w/grills	0.23 (1.31)	0.38	33
	3/4" SB-10 366/i89	0.22 (1.25)	0.18	23
	3/4" SB-10 366/i89 w/grills	0.22 (1.25)	0.16	22
	1 3/8" 3NC 180	0.21 (1.19)	0.39	36
	1 3/8" 3NC 180 w/grills	0.21 (1.19)	0.36	34
	1 3/8" 3SC 366	0.20 (1.14)	0.17	25
	1 3/8" 3SC 366 w/grills	0.20 (1.14)	0.15	24
	1 3/8" 3NC2 180(x2)	0.17 (0.97)	0.37	40
	1 3/8" 3NC2 180(x2) w/grills	0.17 (0.97)	0.34	38
	1 3/8" 3SC2 366(x2)	0.16 (0.91)	0.14	28
	1 3/8" 3SC2 366(x2) w/grills	0.16 (0.91)	0.13	27

CASEMENT (APTU)	GLAZING	U-FACTOR imp (met)	SHGC	ER
	3/4" NC 180	0.26 (1.48)	0.46	34
	3/4" NC 180 w/grills	0.26 (1.48)	0.42	32
	3/4" SC 366	0.25 (1.42)	0.18	19
	3/4" SC 366 w/grills	0.25 (1.42)	0.16	18
	3/4" NC2 180/i89	0.23 (1.31)	0.42	35
	3/4" NC2 180/i89 w/grills	0.23 (1.31)	0.38	33
	3/4" SB-10 366/i89	0.22 (1.25)	0.18	23
	3/4" SB-10 366/i89 w/grills	0.22 (1.25)	0.16	22
	1 3/8" 3NC 180	0.21 (1.19)	0.39	36
	1 3/8" 3NC 180 w/grills	0.21 (1.19)	0.36	35
	1 3/8" 3SC 366	0.20 (1.14)	0.17	25
	1 3/8" 3SC 366 w/grills	0.20 (1.14)	0.15	24
	1 3/8" 3NC2 180(x2)	0.17 (0.97)	0.37	40
	1 3/8" 3NC2 180(x2) w/grills	0.17 (0.97)	0.34	38
	1 3/8" 3SC2 366(x2)	0.16 (0.91)	0.14	28
	1 3/8" 3SC2 366(x2) w/grills	0.16 (0.91)	0.13	27

ADVANTAGE LINE

SINGLE HUNG (ASH)	GLAZING	U-FACTOR imp (met)	SHGC	ER
	3/4" NC 180	0.31 1.76	0.54	31
	3/4" NC 180 (grills)	0.31 1.76	0.49	28
	3/4" NC2 180/i89	0.26 1.48	0.50	35
	3/4" NC2 180/i89 (grills)	0.26 1.48	0.45	32
	3/4" SB-10 366/i89	0.25 1.42	0.21	19
	3/4" SB-10 366/i89 (grills)	0.25 1.42	0.20	19
	3/4" SC 366	0.29 1.65	0.22	15
	3/4" SC 366 (grills)	0.29 1.65	0.20	14

DOUBLE HUNG (ATW)	GLAZING	U-FACTOR imp (met)	SHGC	ER
	3/4" NC 180	0.30 1.70	0.54	31
	3/4" NC 180 (grills)	0.30 1.70	0.48	28
	3/4" NC2 180/i89	0.25 1.42	0.49	35
	3/4" NC2 180/i89 (grills)	0.25 1.42	0.44	32
	3/4" SB-10 366/i89	0.24 1.36	0.21	20
	3/4" SB-10 366/i89 (grills)	0.24 1.36	0.19	19
	3/4" SC 366	0.28 1.59	0.22	15
	3/4" SC 366 (grills)	0.28 1.59	0.20	14

GLIDER (AGL)	GLAZING	U-FACTOR imp (met)	SHGC	ER
	3/4" NC 180	0.30 1.70	0.55	31
	3/4" NC 180 (grills)	0.30 1.70	0.49	28
	3/4" NC2 180/i89	0.26 1.48	0.50	35
	3/4" NC2 180/i89 (grills)	0.26 1.48	0.45	32
	3/4" SB-10 366/i89	0.25 1.42	0.22	20
	3/4" SB-10 366/i89 (grills)	0.25 1.42	0.20	19
	3/4" SC 366	0.29 1.65	0.22	15
	3/4" SC 366 (grills)	0.29 1.65	0.20	14

WINDOW	GLAZING	U-FACTOR imp (met)	SHGC	ER
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FIXED LITE IN SASH (APFL)	GLAZING	U-FACTOR imp (met)	SHGC	ER
	3/4" NC 180	0.28 (1.59)	0.54	36
	3/4" NC 180 w/grills	0.28 (1.59)	0.49	33
	3/4" SC 366	0.26 (1.48)	0.21	20
	3/4" SC 366 w/grills	0.26 (1.48)	0.19	19
	3/4" NC2 180/i89	0.23 (1.31)	0.50	40
	3/4" NC2 180/i89 w/grills	0.23 (1.31)	0.45	37
	3/4" SB-10 366/i89	0.22 (1.25)	0.21	25
	3/4" SB-10 366/i89 w/grills	0.22 (1.25)	0.19	24
	1 3/8" 3NC 180	0.21 (1.19)	0.47	41
	1 3/8" 3NC 180 w/grills	0.21 (1.19)	0.42	38
	1 3/8" 3SC 366	0.21 (1.19)	0.20	35
	1 3/8" 3SC 366 w/grills	0.21 (1.19)	0.18	24
	1 3/8" 3NC2 180(x2)	0.18 (1.02)	0.44	43
	1 3/8" 3NC2 180(x2) w/grills	0.18 (1.02)	0.40	41
	1 3/8" 3SC2 366(x2)	0.16 (0.91)	0.16	29
	1 3/8" 3SC2 366(x2) w/grills	0.16 (0.91)	0.15	29

FIXED LITE IN FRAME (APFF)	GLAZING	U-FACTOR imp (met)	SHGC	ER
	3/4" NC 180	0.27 (1.53)	0.62	42
	3/4" NC 180 w/grills	0.27 (1.53)	0.56	39
	3/4" SC 366	0.25 (1.42)	0.24	23
	3/4" SC 366 w/grills	0.25 (1.42)	0.22	22
	3/4" NC2 180/i89	0.22 (1.25)	0.56	45
	3/4" NC2 180/i89 w/grills	0.22 (1.25)	0.51	42
	3/4" SB-10 366/i89	0.21 (1.19)	0.23	27
	3/4" SB-10 366/i89 w/grills	0.21 (1.19)	0.21	26
	1 3/8" 3NC 180	0.20 (1.14)	0.53	46
	1 3/8" 3NC 180 w/grills	0.20 (1.14)	0.48	43
	1 3/8" 3SC 366	0.20 (1.14)	0.22	28
	1 3/8" 3SC 366 w/grills	0.20 (1.14)	0.20	27
	1 3/8" 3NC2 180(x2)	0.16 (0.91)	0.50	49
	1 3/8" 3NC2 180(x2) w/grills	0.16 (0.91)	0.45	46
	1 3/8" 3SC2 366(x2)	0.14 (0.79)	0.18	33
	1 3/8" 3SC2 366(x2) w/grills	0.14 (0.79)	0.17	32

FIXED LITE (AFF)	GLAZING	U-FACTOR imp (met)	SHGC	ER
	3/4" NC 180	0.28 1.59	0.59	39
	3/4" NC 180 (grills)	0.28 1.59	0.53	36
	3/4" NC2 180/i89	0.23 1.31	0.53	42
	3/4" NC2 180/i89 (grills)	0.23 1.31	0.48	9
	3/4" SB-10 366/i89	0.22 1.25	0.23	26
	3/4" SB-10 366/i89 (grills)	0.22 1.25	0.21	25
	3/4" SC 366	0.26 1.48	0.23	21
	3/4" SC 366 (grills)	0.26 1.48	0.21	20

SLIDING (AVDR)	GLAZING	U-FACTOR imp (met)	SHGC	ER
	13/16" NC 180	0.31 1.76	0.53	31
	13/16" NC 180 (grills)	0.31 1.76	0.46	27
	13/16" NC2 180/i89	0.27 1.53	0.48	34
	13/16" NC2 180/i89 (grills)	0.27 1.53	0.42	29
	13/16" SB-10 366/i89	0.26 1.48	0.21	18
	13/16" SB-10 366/i89 (grills)	0.26 1.48	0.18	17
	13/16" SC 366	0.30 1.70	0.21	13
	13/16" SC 366 (grills)	0.30 1.70	0.19	12
	1" Internal Blinds	0.37 2.10	0.26	n/a

DEFINITIONS

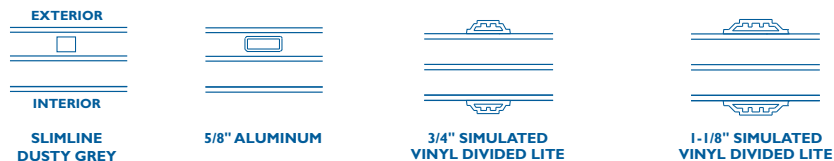
U-Factor: A measurement of rate of heat flow through a building component. A lower number means better thermal performance.

SHGC (Solar Heat Gain Coefficient): Is the fraction of incident solar radiation admitted through a window.

ER (Energy Rating): A rating based on a Natural Resources Canada formula that combines air leakage, solar heat gain coefficient, and U-factor.

For the latest performance data, visit www.pollardwindows.com

Grill Options – Triple Glazing



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