
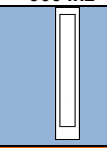
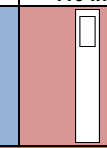


## Classic-Craft® American Style Collection™

	NFRS Size Designation	1/2 Lite	Sidelites	
		<= 900 in2	<= 900 in2	<= 410 in2
	Glass designs			
<b>Classic-Craft® American Style Collection™</b>				
<b>6'8" Section</b>				
	<b>Glass Designation (in)</b>	<b>26x18</b>	<b>8x66</b>	<b>8x18</b>
	<b>Daylight Opening (in2)</b>	<b>438</b>	<b>456</b>	<b>122</b>
	3/4" IG 2A Low-E	.21 / .10 02265-00001	.21 / .10 02265-00001	.18 / .06 02210-00001
	Low-E	X	X	X
	Low-E with External Dividers	X	X	X
	3/4" IG 2B Low-E	.21 / .09 02267-00001	.21 / .09 02267-00001	.18 / .05 02212-00001
	Low-E	X	X	X
	Low-E with External Dividers	X	X	X
	3/4" IG Triple Pane	.23 / .17 02240-00001	.23 / .17 02240-00001	.19 / .09 02185-00001
	Arborwatch™	X	X	X
	Hazelton™	X	X	X
	Homeward™	X	X	X
	Villager™	X	X	X
	Privacy	X	X	X
<b>8'0" Section</b>				
	<b>Glass Designation (in)</b>	<b>26x18</b>	<b>8x80</b>	
	<b>Daylight Opening (in2)</b>	<b>438</b>	<b>548</b>	
	3/4" IG 2A Low-E	.21 / .10 02265-00001	.21 / .10 02265-00001	
	Low-E	X	X	
	Low-E with External Dividers	X	X	
	3/4" IG 2B Low-E	.21 / .09 02267-00001	.21 / .09 02267-00001	
	Low-E	X	X	
	Low-E with External Dividers	X	X	
	3/4" IG Triple Pane	.23 / .17 02240-00001	.23 / .17 02240-00001	
	Arborwatch™	X	X	
	Hazelton™	X	X	
	Homeward™	X	X	
	Villager™	X	X	
	Privacy	X	X	

<b>KEY</b>	Indicates Product is Energy Star Qualified in all 50 States	Numbers: U-Factor / Solar Heat Gain Coefficient X: Indicates Product Availability
	Indicates Product is Energy Star Qualified in Northern Zones	
	Indicates Product is NOT Energy Star Qualified	

# Classic-Craft® Mahogany Collection™

NFRC Size Designation	Full Lite >1100 in2			3/4 Lite <=1100 in2	1/2 Lite <=900 in2			1/4 Lite <=410 in2	Opaque	Sidelites			
	<= 900 in2	<= 410 in2	<= 254 in2	<= 127 in2	<= 90 in2	<= 45 in2	<= 22.5 in2	<= 11.25 in2	<= 5.6 in2	<= 2.8 in2	<= 1.4 in2	<= 0.7 in2	<= 0.35 in2
<b>Classic-Craft® Mahogany Collection™</b> <b>6'8" Section</b>													
Glass Designation (in)	25x66	25x51	25x51A	10x51	10x51A	25x35	15x38	10x42R	OPAQUE	5x66	5x52	5x52	5x41R
Daylight Opening (in2)	1599	1228	1211	910	892	849	419	346	NO GLASS	456	356	254	276
1" IG 2A Low-E	27 / .18 02381-00001	27 / .18 02381-00001	27 / .18 02381-00001	24 / .14 02326-00001	22 / .10 02271-00001	22 / .10 02271-00001	22 / .10 02271-00001	19 / .06 02215-00001					
Low-E	X	X	X	X	X	X	X	X					
1" IG 2B Low-E	27 / .16 02382-00001	27 / .16 02382-00001	27 / .16 02382-00001	24 / .12 02327-00001	22 / .09 02272-00001	22 / .09 02272-00001	22 / .09 02272-00001	19 / .05 02217-00001					
Low-E	X	X	X	X	X	X	X	X					
1" IG Triple Pane	27 / .30 02355-00001	27 / .30 02355-00001	27 / .30 02355-00001	24 / .23 02300-00001	22 / .17 02245-00001	22 / .17 02245-00001	22 / .17 02245-00001	18 / .09 02190-00001					
Athorwatch™	X	X	X	X	X	X	X	X					
Arcadia™	X	X	X	X	X	X	X	X					
Ashurst™	X	X	X	X	X	X	X	X					
Bella™	X	X	X	X	X	X	X	X					
Homeward™	X	X	X	X	X	X	X	X					
Longford™	X	X	X	X	X	X	X	X					
Lucerna™	X	X	X	X	X	X	X	X					
Village™	X	X	X	X	X	X	X	X					
Zaha™	X	X	X	X	X	X	X	X					
Privacy	X	X	X	X	X	X	X	X					
1" IG with Internal Wrought Iron Dividers	34 / .31 02353-00001	34 / .31 02353-00001	34 / .31 02353-00001										
Augustine®	X	X	X										
Bonessa™	X	X	X										
3/4" IG 2A Low-E										.21 / .10 02265-00001	.18 / .06 02210-00001	.18 / .06 02210-00001	
Low-E										X	X	X	
3/4" IG 2B Low-E										.21 / .09 02267-00001	.18 / .05 02212-00001	.18 / .05 02212-00001	
Low-E										X	X	X	
3/4" IG Triple Pane										.23 / .17 02240-00001	.19 / .09 02185-00001	.19 / .09 02185-00001	
Athorwatch™										X	X	X	
Arcadia™										X	X	X	
Ashurst™										X	X	X	
Bella™										X	X	X	
Homeward™										X	X	X	
Longford™										X	X	X	
Lucerna™										X	X	X	
Village™										X	X	X	
Zaha™										X	X	X	
Privacy										X	X	X	
Solid Panel (includes all flush paneling designs)										.14 / .01 02176-00001			
Solid Panel (includes all embossed paneling designs)										.14 / .01 02175-00001			
<b>6'0" Section</b>													
Glass Designation (in)	25x66												
Daylight Opening (in2)	1599												
1" IG 2A Low-E	27 / .18 02381-00001												
Low-E	X												
1" IG 2B Low-E	27 / .16 02382-00001												
Low-E	X												
1" IG Triple Pane	27 / .30 02355-00001												
Athorwatch™	X												
Arcadia™	X												
Ashurst™	X												
Bella™	X												
Homeward™	X												
Longford™	X												
Lucerna™	X												
Village™	X												
Zaha™	X												
Privacy	X												
1" IG with Internal Wrought Iron Dividers	34 / .31 02353-00001												
Augustine®	X												
Bonessa™	X												
3/4" IG 2A Low-E													
Low-E													
3/4" IG 2B Low-E													
Low-E													
3/4" IG Triple Pane													
Athorwatch™													
Arcadia™													
Ashurst™													
Bella™													
Homeward™													
Longford™													
Lucerna™													
Village™													
Zaha™													
Privacy													
Solid Panel (includes all flush paneling designs)													
Solid Panel (includes all embossed paneling designs)													

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	Indicates Product is Energy Star Qualified in Northern Zones	
	Indicates Product is NOT Energy Star Qualified	

# Classic-Craft® Rustic Collection™

NFRC Size Designation	Full Lite >1100 in2					¾ Lite <=1100 in2			Opaque			Sidelites <= 600 in2
<b>Classic-Craft® Rustic Collection™</b>												
<b>6'8" Section</b>												
Glass Designation (in)	25x66					25x42	25x42A	25x42A	OPAQUE	OPAQUE	OPAQUE	8x66
Daylight Opening (in2)	1599					991	965	965	NO GLASS	NO GLASS	NO GLASS	456
1" IG 2A Low-E	.27 / .18 02381-00001					.24 / .14 02326-00001						
Low-E	X					X						
1" IG 2B Low-E	.27 / .16 02382-00001					.24 / .12 02327-00001						
Low-E	X					X						
1" IG Triple Pane	.27 / .30 02355-00001					.24 / .23 02300-00001						
Arbonwatch™	X					X						
Homeward™	X					X						
Village™	X					X						
Acadia™	X					X						
Ashurst™	X					X						
Bella™	X					X						
Provincial™	X					X						
Longford™	X					X						
Cambridge™	X					X						
Lucerna™	X					X						
Zaha™	X					X						
Privacy	X					X						
1" IG with Internal Wrought Iron Dividers	.34 / .31 02353-00001					.29 / .23 02298-00001			.29 / .23 02298-00001			
Augustine®	X					X			X			
Borussia™	X					X			X			
3/4" IG 2A Low-E												.21 / .10 02285-00001
Low-E												X
3/4" IG 2B Low-E												.21 / .09 02287-00001
Low-E												X
3/4" IG Triple Pane												.23 / .17 02240-00001
Arbonwatch™												X
Homeward™												X
Village™												X
Acadia™												X
Ashurst™												X
Bella™												X
Hammeed™												X
Provincial™												X
Longford™												X
Cambridge™												X
Lucerna™												X
Zaha™												X
Privacy												X
Solid Panel (includes all flush paneling designs)									.14 / .01 02176-00001			.14 / .01 02176-00001
Solid Panel (includes all embossed paneling designs)									.14 / .01 02175-00001			.14 / .01 02175-00001
<b>8'0" Section</b>												
Glass Designation (in)	25x51	31x51A	25x51A	31x51A	21x51A				OPAQUE	OPAQUE	OPAQUE	8x60
Daylight Opening (in2)	1228	1495	1203	1495	1203				NO GLASS	NO GLASS	NO GLASS	548
1" IG 2A Low-E	.27 / .18 02381-00001		.27 / .18 02381-00001		.27 / .18 02381-00001							
Low-E	X		X		X							
1" IG 2B Low-E	.27 / .16 02382-00001		.27 / .16 02382-00001		.27 / .16 02382-00001							
Low-E	X		X		X							
1" IG Triple Pane	.27 / .30 02355-00001		.27 / .30 02355-00001		.27 / .30 02355-00001							
Arbonwatch™	X		X		X							
Homeward™	X		X		X							
Village™	X		X		X							
Acadia™	X		X		X							
Ashurst™	X		X		X							
Bella™	X		X		X							
Provincial™	X		X		X							
Longford™	X		X		X							
Cambridge™	X		X		X							
Lucerna™	X		X		X							
Zaha™	X		X		X							
Privacy	X		X		X							
1" IG with Internal Wrought Iron Dividers	.34 / .31 02353-00001		.34 / .31 02353-00001		.34 / .31 02353-00001							
Augustine®	X		X		X							
Borussia™	X		X		X							
3/4" IG 2A Low-E												.21 / .10 02285-00001
Low-E												X
3/4" IG 2B Low-E												.21 / .09 02287-00001
Low-E												X
3/4" IG Triple Pane												.23 / .17 02240-00001
Arbonwatch™												X
Homeward™												X
Village™												X
Acadia™												X
Ashurst™												X
Bella™												X
Hammeed™												X
Provincial™												X
Longford™												X
Cambridge™												X
Lucerna™												X
Zaha™												X
Privacy												X
Solid Panel (includes all flush paneling designs)									.14 / .01 02176-00001			.14 / .01 02176-00001
Solid Panel (includes all embossed paneling designs)									.14 / .01 02175-00001			.14 / .01 02175-00001

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# Fiber-Classic® Mahogany Collection™

NFRC Size Designation	Full Lite >1100 in2		3/4 Lite ≤1100 in2			1/2 Lite ≤900 in2			1/4 Lite ≤410 in2			Opaque	Sidelines ≤410 in2			
	22x64 1317	20x64 1207	16x64 941	22x47 974	14x64 819	22x36 742	16x40 442	21x15 278	8x42R 279	22x10A 170	8x6 68	NO GLASS	7x64 373	8x47 318	8x36 241	8x44S 289
<b>Fiber-Classic® Mahogany Collection</b>																
<b>6'8" Section</b>																
Glass Designations	22x64		16x64			22x36			22x10A			OPAQUE	7x64			
Daylight Opening (in2)	1317		941			742			170			NO GLASS	373			
1" IG	.34 / .34 02351-00001					.29 / .25 02296-00001			.21 / .10 02186-00001				.21 / .10 02186-00001			
Clear			X						X				X			
Clear with External Dividers			X						X				X			
Frosted Images®	X		X			X			X				X			
1" IG with V Grooves	.32 / .33 02352-00001					.25 / .19 02242-00001							.20 / .10 02187-00001			
Beveline™	X		X			X							X			
1" IG 2A Low E			.24 / .14 02326-00001						.22 / .10 02271-00001				.19 / .06 02216-00001			
Low-E			X						X				X			
Low-E with External Dividers			X						X				X			
1" IG 2B Low E			.24 / .12 02327-00001						.22 / .09 02272-00001				.19 / .05 02217-00001			
Low-E			X						X				X			
Low-E with External Dividers			X						X				X			
1" IG Triple Pane	.27 / .30 02355-00001		.24 / .23 02300-00001			.24 / .23 02300-00001			.22 / .17 02245-00001				.18 / .09 02190-00001			
Arden™	X		X			X			X				X			
Avonlea™	X		X			X			X				X			
Axis™	X		X			X			X				X			
Blackstone®	X		X			X			X				X			
Concorde™	X		X			X			X				X			
Crystal Diamonds™	X		X			X			X				X			
Crystalline™	X		X			X			X				X			
Element	X		X			X			X				X			
Kensington	X		X			X			X				X			
Keystone™	X		X			X			X				X			
Maple Park™	X		X			X			X				X			
Privacy	X		X			X			X				X			
Privacy with External Dividers	X		X			X			X				X			
Saratoga™	X		X			X			X				X			
Sedona	X		X			X			X				X			
Sedona Art	X		X			X			X				X			
Texas Star	X		X			X			X				X			
Wellesley™	X		X			X			X				X			
1" IG with Internal Dividers			.29 / .23 02296-00002			.26 / .18 02241-00002							.21 / .09 02188-00002			
GBGs			X			X							X			
1" IG with Internal Dividers 2A Low E			.24 / .13 02326-00002			.22 / .10 02271-00002							.19 / .05 02216-00002			
GBGs			X			X							X			
1" IG with Internal Dividers 2B Low E			.24 / .11 02327-00002			.22 / .09 02272-00002							.19 / .05 02217-00002			
GBGs			X			X							X			
1" IG with Internal Wrought Iron Dividers	.34 / .31 02353-00001		.29 / .23 02296-00001			.26 / .18 02243-00001			.21 / .09 02188-00001				.21 / .09 02188-00001			
Salmee®	X		X			X			X				X			
1" IG with Miniblinds	.37 / .28 02354-00001		.32 / .21 02299-00001			.27 / .16 02244-00001							.22 / .08 02189-00001			
BBGs	X		X			X							X			
1" IG with Miniblinds Low E	.32 / .23 02396-00001		.28 / .17 02341-00001			.25 / .14 02286-00001							.20 / .07 02231-00001			
BBGs	X		X			X							X			
1" IG Impact	.31 / .32 02356-00001		.27 / .24 02301-00001			.24 / .18 02246-00001			.20 / .09 02246-00001				.20 / .09 02191-00001			
Clear	X		X			X			X				X			
Turtle Glass	X		X			X			X				X			
Frosted Images®	X		X			X			X				X			
1" IG Impact 2A Low E	.25 / .18 02390-00001		.22 / .14 02335-00001			.20 / .10 02280-00001							.18 / .06 02225-00001			
Low-E	X		X			X			X				X			
1" IG Impact 2B Low E	.24 / .16 02392-00001		.22 / .12 02337-00001			.20 / .09 02287-00001			.20 / .09 02287-00001				.18 / .05 02227-00001			
Low-E	X		X			X			X				X			
1" IG Impact Triple Pane	.29 / .29 02359-00001		.26 / .22 02304-00001			.23 / .16 02249-00001			.23 / .16 02249-00001				.19 / .09 02194-00001			
Arden™	X		X			X			X				X			
Avonlea™	X		X			X			X				X			
Axis™	X		X			X			X				X			
Blackstone®	X		X			X			X				X			
Concorde™	X		X			X			X				X			
Crystal Diamonds™	X		X			X			X				X			
Crystalline™	X		X			X			X				X			
Element	X		X			X			X				X			
Kensington	X		X			X			X				X			
Keystone™	X		X			X			X				X			
Maple Park™	X		X			X			X				X			
Privacy	X		X			X			X				X			
Saratoga™	X		X			X			X				X			
Texas Star	X		X			X			X				X			
Wellesley™	X		X			X			X				X			
1" IG Impact with Internal Dividers	.32 / .29 02357-00001		.28 / .22 02302-00001			.24 / .17 02246-00002			.24 / .17 02246-00002				.20 / .09 02192-00001			
GBGs	X		X			X			X				X			

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	Indicates Product is Energy Star Qualified in Northern Zones	
	Indicates Product is NOT Energy Star Qualified	



# Fiber-Classic® Mahogany Collection™ Continued

NFRC Size Designation	Full Lite >1100 in2		3/4 Lite ≤1100 in2			1/2 Lite ≤900 in2			1/4 Lite ≤410 in2			Opaque	SideLites ≤ 410 in2		
															
1" IG Impact	.31 / .32 02356-00001	.31 / .32 02356-00001	.27 / .24 02301-00001		.27 / .24 02301-00001								.24 / .18 02246-00001	.20 / .09 02191-00001	.20 / .09 02191-00001
Clear	X	X	X		X								X	X	X
Turtle Glass	X	X	X		X								X	X	X
Frosted Images®	X	X	X		X								X	X	X
1" IG Impact 2A Low E	.25 / .18 02390-00001	.25 / .18 02390-00001	.22 / .14 02335-00001		.22 / .14 02335-00001								.20 / .10 02280-00001	.18 / .06 02225-00001	.18 / .06 02225-00001
Low-E	X	X	X		X								X	X	X
1" IG Impact 2B Low E	.24 / .16 02392-00001	.24 / .16 02392-00001	.22 / .12 02337-00001		.22 / .12 02337-00001								.20 / .09 02282-00001	.18 / .05 02227-00001	.18 / .05 02227-00001
Low-E	X	X	X		X								X	X	X
1" IG Impact Triple Pane	.29 / .29 02359-00001	.29 / .29 02359-00001	.26 / .22 02304-00001		.26 / .22 02304-00001								.23 / .16 02249-00001	.19 / .09 02194-00001	.19 / .09 02194-00001
Arden™			X		X								X	X	X
Avonlea™			X		X								X	X	X
Axis™	X	X	X		X								X	X	X
Blackstone®	X	X	X		X								X	X	X
Concord™	X	X	X		X								X	X	X
Crystal Diamonds™	X	X	X		X								X	X	X
Crystalline™	X	X	X		X								X	X	X
Element			X		X								X	X	X
Kensington			X		X								X	X	X
Keystone™			X		X								X	X	X
Mistle Peak™			X		X								X	X	X
Privacy	X	X	X	X	X								X	X	X
Saratoga™			X		X								X	X	X
Texas Star			X		X								X	X	X
Wellesley™	X	X	X		X								X	X	X
1" IG Impact with Internal Dividers	.32 / .29 02357-00001	.32 / .29 02357-00001	.28 / .22 02302-00001		.28 / .22 02302-00001								.24 / .17 02246-00002	.20 / .09 02192-00001	.20 / .09 02192-00001
GBGs	X	X	X		X								X	X	X
1" IG Impact with Internal Dividers 2A Low E	.26 / .17 02391-00001	.26 / .17 02391-00001	.23 / .13 02336-00001		.23 / .13 02336-00001								.21 / .10 02281-00001	.18 / .05 02225-00002	.18 / .05 02225-00002
GBGs	X	X	X		X								X	X	X
1" IG Impact with Internal Dividers 2B Low E	.26 / .15 02393-00001	.26 / .15 02393-00001	.23 / .11 02338-00001		.23 / .11 02338-00001								.21 / .09 02283-00001	.18 / .05 02227-00002	.18 / .05 02227-00002
GBGs	X	X	X		X								X	X	X
1" IG Impact with Internal Wrought Iron Dividers	.32 / .29 02358-00001	.32 / .29 02358-00001											.24 / .17 02246-00001	.20 / .09 02193-00001	.20 / .09 02193-00001
Salinas®	X	X	X		X								X	X	X
9/16" IG with Internal Dividers	.36 / .31 02344-00001	.36 / .31 02344-00001											.21 / .09 02179-00001	.21 / .09 02179-00001	.21 / .09 02179-00001
GBGs	X	X	X		X								X	X	X
9/16" IG with Internal Dividers 2A Low E	.30 / .17 02363-00001	.30 / .17 02363-00001											.19 / .05 02198-00001	.19 / .05 02198-00001	.19 / .05 02198-00001
GBGs	X	X	X		X								X	X	X
9/16" IG with Internal Dividers 2B Low E	.30 / .15 02364-00001	.30 / .15 02364-00001											.19 / .05 02199-00001	.19 / .05 02199-00001	.19 / .05 02199-00001
GBGs	X	X	X		X								X	X	X
1/2" IG		.36 / .34 02342-00001											.21 / .10 02177-00001	.21 / .10 02177-00001	.21 / .10 02177-00001
Clear		X											X	X	X
Clear with External Dividers		X											X	X	X
1/2" IG 2A Low E	.30 / .19 02360-00001	.30 / .19 02360-00001											.19 / .06 02195-00001	.19 / .06 02195-00001	.19 / .06 02195-00001
Low-E	X	X	X		X								X	X	X
Low-E with External Dividers	X	X	X		X								X	X	X
1/2" IG 2B Low E	.30 / .16 02361-00001	.30 / .16 02361-00001											.19 / .05 02196-00001	.19 / .05 02196-00001	.19 / .05 02196-00001
Low-E	X	X	X		X								X	X	X
Low-E with External Dividers	X	X	X		X								X	X	X
Solid Panel (includes all flush paneling designs)													.14 / .01 02176-00001		
Solid Panel (includes all embossed paneling designs)													.14 / .01 02175-00001		

<b>KEY</b>	Indicates Product is Energy Star Qualified in all 50 States	Numbers: U-Factor / Solar Heat Gain Coefficient X: Indicates Product Availability
	Indicates Product is Energy Star Qualified in Northern Zones	
	Indicates Product is NOT Energy Star Qualified	





# Fiber-Classic® Oak Collection™ Continued

NFRG Size Designation	Full Lite >1100 in2						3/4 Lite ≤1100 in2				1/2 Lite ≤900 in2				1/4 Lite ≤410 in2				Opaque	Sidelines			
	≤1100 in2		≤1100 in2		≤1100 in2		≤1100 in2		≤1100 in2		≤1100 in2		≤1100 in2		≤1100 in2		≤900in2	≤410 in2		≤410 in2			
Glass designs																							
1" IG Impact with Internal Dividers 2A Low E	X	X																					
1" IG Impact with Internal Dividers 2B Low E	X	X																					
1" IG Impact with Internal Wrought Iron Dividers	X	X																					
9/16" IG																							
9/16" IG with Internal Dividers	X	X																					
9/16" IG with Internal Dividers 2A Low E	X	X																					
9/16" IG with Internal Dividers 2B Low E	X	X																					
1/2" IG																							
1/2" IG 2A Low E	X	X																					
1/2" IG 2B Low E	X	X																					
Solid Panel (includes all flush paneling designs)																							
Solid Panel (includes all embossed paneling designs)																							
<b>Fiber-Classic® Oak Collection</b>																							
<b>6'6" and 6'8" Flush-Glazed</b>																							
Class Designation (in)	27x64	25x64	20x64																				
Daylight Opening (in2)	1640	1524	1264																				
5/8" IG	X	X																					
5/8" IG with V Grooves	X	X																					
5/8" IG 2A Low E	X	X																					
5/8" IG with V Grooves 2A Low E	X	X																					
5/8" IG 2B Low E	X	X																					
5/8" IG with V Grooves 2B Low E	X	X																					
5/8" IG with Internal Dividers	X	X																					
5/8" IG with Internal Dividers 2A Low E	X	X																					
5/8" IG with Internal Dividers 2B Low E	X	X																					
<b>Fiber-Classic® Oak Collection</b>																							
<b>8'0" Section</b>																							
Class Designation (in)	22x80	20x80	22x64	14x80	22x47	22x47																	
Daylight Opening (in2)	1651	1494	1317	1027	974	974																	
1" IG	X	X																					
1" IG with V Grooves	X	X																					
1" IG 2A Low E	X	X																					
1" IG 2B Low E	X	X																					
1" IG Triple Pane	X	X																					

<b>KEY</b>	Indicates Product is Energy Star Qualified in all 50 States		Numbers: U-Factor / Solar Heat Gain Coefficient
	Indicates Product is Energy Star Qualified in Northern Zones		X: Indicates Product Availability
	Indicates Product is NOT Energy Star Qualified		



# Fiber-Classic® Oak Collection™ Continued

NFRC Size Designation	Full Lite >1100 in2			3/4 Lite <=1100 in2				1/2 Lite <=900 in2			1/4 Lite <=410 in2				Opaque	<= 900in2	SideLites <= 410 in2			
Glass designs																				
Solid Panel (includes all embossed paneling designs)															.14 / .01 02175-00001					
<b>Fiber-Classic® Oak Collection</b>																				
<b>8'0" Flush-Glazed</b>																				
Class Designation (in)	25x80	21x80	14x80																	
Daylight Opening (in2)	1877	1561	1123																	
5/8" IG	.34 / .34 02345-00001																			
Clear	X	X	X																	
Clear with External Dividers	X	X	X																	
5/8" IG 2A Low E	.27 / .18 02368-00001																			
Low-E	X	X	X																	
Low-E with External Dividers	X	X	X																	
5/8" IG 2B Low E	.27 / .16 02368-00001																			
Low-E	X	X	X																	
Low-E with External Dividers	X	X	X																	
5/8" IG with Internal Dividers	.35 / .31 02346-00001																			
GBCs	X	X	X																	
5/8" IG with Internal Dividers 2A Low E	.29 / .17 02367-00001																			
GBCs	X	X	X																	
5/8" IG with Internal Dividers 2B Low E	.29 / .15 02368-00001																			
GBCs	X	X	X																	

KEY		Indicates Product is Energy Star Qualified in all 50 States	Numbers: U-Factor / Solar Heat Gain Coefficient X: Indicates Product Availability
		Indicates Product is Energy Star Qualified in Northern Zones	
		Indicates Product is NOT Energy Star Qualified	






















Smooth-Star®

Table with columns for NFRC Size Designation, U-Factor, Solar Heat Gain Coefficient, and Visible Transmittance. It includes glass designs for 9-9.5 Section and 9-16 Section, with various glass types like 1" IG, 1" IG 2A Low E, 1" IG 2B Low E, 1" IG Triple Pane, 1" IG with Internal Dividers, 1" IG with Internal Dividers 2A Low E, 1" IG with Internal Dividers 2B Low E, 1" IG with Minibrands, 1" IG Impact, 1" IG Impact 2A Low E, 1" IG Impact 2B Low E, 1" IG Impact Triple Pane, 1" IG Impact with Internal Dividers, 1" IG Impact with Internal Dividers 2A Low E, 1" IG Impact with Internal Dividers 2B Low E, 1" IG Impact with Internal Wrought Iron Dividers, 9/16" IG, 9/16" IG with Internal Dividers, 9/16" IG with Internal Dividers 2A Low E, 9/16" IG with Internal Dividers 2B Low E, 1/2" IG, and 1/2" IG 2A Low E. Each entry shows performance metrics for various NFRC size designations and indicates availability (X).

**KEY**

- Indicates Product is Energy Star Qualified in all 50 States
- Indicates Product is Energy Star Qualified in Northern Zones
- Indicates Product is NOT Energy Star Qualified
- Numbers: U-Factor / Solar Heat Gain Coefficient
- X: Indicates Product Availability

# Smooth-Star® Continued

NFRC Size Designation	Full Lite ~1150 sq		3/4 Lite ~6150 sq				1/2 Lite ~5900 sq					1/4 Lite ~3510 sq					Opaque	Sidelites ~600 sq		Sidelites ~410 sq							
																											
1/2 IG 2B Low E	X	30 / 16 02361-00001	X	26 / 12 02306-00001	23 / 09 02251-00001	23 / 09 02251-00001	23 / 09 02251-00001	23 / 09 02251-00001	23 / 09 02251-00001	23 / 09 02251-00001	19 / 05 02196-00001	19 / 05 02196-00001	19 / 05 02196-00001	19 / 05 02196-00001	19 / 05 02196-00001			19 / 05 02196-00001	19 / 05 02196-00001	19 / 05 02196-00001	19 / 05 02196-00001						
1/2 IG 2A Low E	X		X																								
Solid Panel (includes all flush paneling designs)	X		X																								
Solid Panel (includes all embossed paneling designs)																											
Smooth-Star®																											
6 5/8" and 6 3/4" Flush-Glazed																											
Class Designation (in)	25x4	25x4	25x4	21x4	14x4	22x6																7x4	8x4				
Daylight Opening (in2)	1524	1264	1130	843	800	743																379	323				
3/4 IG																						207 / 10 02183-00001	207 / 10 02183-00001				
Clear	X	X		X	X	X																X	X				
Clear with External Dividers	X	X		X	X	X																X	X				
Flushed Inset(s)																											
3/4 IG 2A Low E																						18 / 06 02210-00001	X				
Clear	X			X	X																	X					
Clear with External Dividers	X			X	X																	X					
Flushed Inset(s)																											
3/4 IG 2B Low E																						18 / 05 02212-00001	X				
Clear	X			X	X																	X					
Clear with External Dividers	X			X	X																	X					
Flushed Inset(s)																											
3/4 IG Triple Pane																						19 / 09 02188-00001					
Clear	X			X	X																	X					
Clear with External Dividers	X			X	X																	X					
Flushed Inset(s)																											
3/4 IG with Internal Dividers 2A Low E																						19 / 05 02211-00001	X				
Clear	X			X	X																	X					
Clear with External Dividers	X			X	X																	X					
Flushed Inset(s)																											
3/4 IG with Internal Dividers 2B Low E																						19 / 05 02213-00001	X				
Clear	X			X	X																	X					
Clear with External Dividers	X			X	X																	X					
Flushed Inset(s)																											
5/8 IG																						29 / 25 02259-00001					
Clear	X			X	X																	X					
Clear with External Dividers	X			X	X																	X					
Flushed Inset(s)																											
5/8 IG 2A Low E																						22 / 10 02256-00001	X				
Clear	X			X	X																	X					
Clear with External Dividers	X			X	X																	X					
Flushed Inset(s)																											
5/8 IG 2B Low E																						22 / 08 02258-00001	X				
Clear	X			X	X																	X					
Clear with External Dividers	X			X	X																	X					
Flushed Inset(s)																											
5/8 IG with Internal Dividers																						26 / 18 02260-00001					
Clear	X			X	X																	X					
Clear with External Dividers	X			X	X																	X					
Flushed Inset(s)																											
5/8 IG with Internal Dividers 2A Low E																						23 / 10 02257-00001	X				
Clear	X			X	X																	X					
Clear with External Dividers	X			X	X																	X					
Flushed Inset(s)																											
5/8 IG with Internal Dividers 2B Low E																						21 / 09 02259-00001	X				
Clear	X			X	X																	X					
Clear with External Dividers	X			X	X																	X					
Flushed Inset(s)																											

KEY

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 Indicates Product is Energy Star Qualified in Northern Zones  
 Indicates Product is NOT Energy Star Qualified

Numbers: U-Factor / Solar Heat Gain Coefficient  
 X: Indicates Product Availability

# Smooth-Star® Continued









































NFRC Size Designation	Full Lite ≤1100 in2		3/4 Lite ≤1100 in2		1/2 Lite ≤560 in2		1/4 Lite ≤210 in2		Opaque		Sidelites	
	≤1100 in2	≤1100 in2	≤1100 in2	≤1100 in2	≤560 in2	≤560 in2	≤210 in2	≤210 in2	≤900 in2	≤900 in2	≤410 in2	≤410 in2
<b>Glass designs</b>												
Blackout®	X	X	X	X	X	X	X	X	X	X	X	X
Clear®	X	X	X	X	X	X	X	X	X	X	X	X
Crystal Diamond™	X	X	X	X	X	X	X	X	X	X	X	X
Crystal™	X	X	X	X	X	X	X	X	X	X	X	X
Element™	X	X	X	X	X	X	X	X	X	X	X	X
Krypton™	X	X	X	X	X	X	X	X	X	X	X	X
Krypton™	X	X	X	X	X	X	X	X	X	X	X	X
Krypton™	X	X	X	X	X	X	X	X	X	X	X	X
Multi Pane™	X	X	X	X	X	X	X	X	X	X	X	X
Privacy™	X	X	X	X	X	X	X	X	X	X	X	X
Starquest™	X	X	X	X	X	X	X	X	X	X	X	X
Tinted Side™	X	X	X	X	X	X	X	X	X	X	X	X
Infinity™	X	X	X	X	X	X	X	X	X	X	X	X
1" IG Impact with Internal Dividers	26 / 28 0232-00001	26 / 28 0232-00001	26 / 22 0232-00001	26 / 22 0232-00001	26 / 22 0232-00001	26 / 22 0232-00001	26 / 22 0232-00001	26 / 22 0232-00001	26 / 22 0232-00001	26 / 22 0232-00001	26 / 22 0232-00001	26 / 22 0232-00001
1" IG Impact with Internal Dividers 2A Low E	26 / 17 0231-00001	26 / 17 0231-00001	23 / 13 0238-00001	23 / 13 0238-00001	23 / 13 0238-00001	23 / 13 0238-00001	23 / 13 0238-00001	23 / 13 0238-00001	23 / 13 0238-00001	23 / 13 0238-00001	23 / 13 0238-00001	23 / 13 0238-00001
1" IG Impact with Internal Dividers 2B Low E	26 / 15 0239-00001	26 / 15 0239-00001	23 / 11 0238-00001	23 / 11 0238-00001	23 / 11 0238-00001	23 / 11 0238-00001	23 / 11 0238-00001	23 / 11 0238-00001	23 / 11 0238-00001	23 / 11 0238-00001	23 / 11 0238-00001	23 / 11 0238-00001
1" IG Impact with Internal Wrought Iron Dividers	32 / 29 0236-00001	32 / 29 0236-00001	28 / 22 0233-00001	28 / 22 0233-00001	28 / 22 0233-00001	28 / 22 0233-00001	28 / 22 0233-00001	28 / 22 0233-00001	28 / 22 0233-00001	28 / 22 0233-00001	28 / 22 0233-00001	28 / 22 0233-00001
9/16" IG with Internal Dividers	30 / 21 0244-00001	30 / 21 0244-00001	30 / 23 0225-00001	30 / 23 0225-00001	30 / 23 0225-00001	30 / 23 0225-00001	30 / 23 0225-00001	30 / 23 0225-00001	30 / 23 0225-00001	30 / 23 0225-00001	30 / 23 0225-00001	30 / 23 0225-00001
9/16" IG with Internal Dividers 2A Low E	30 / 17 0243-00001	30 / 17 0243-00001	26 / 13 0238-00001	26 / 13 0238-00001	26 / 13 0238-00001	26 / 13 0238-00001	26 / 13 0238-00001	26 / 13 0238-00001	26 / 13 0238-00001	26 / 13 0238-00001	26 / 13 0238-00001	26 / 13 0238-00001
9/16" IG with Internal Dividers 2B Low E	30 / 15 0246-00001	30 / 15 0246-00001	26 / 12 0239-00001	26 / 12 0239-00001	26 / 12 0239-00001	26 / 12 0239-00001	26 / 12 0239-00001	26 / 12 0239-00001	26 / 12 0239-00001	26 / 12 0239-00001	26 / 12 0239-00001	26 / 12 0239-00001
1/2" IG	30 / 34 0240-00001	30 / 34 0240-00001	X	X	X	X	X	X	X	X	X	X
Clear	X	X	X	X	X	X	X	X	X	X	X	X
Clear with External Dividers	X	X	X	X	X	X	X	X	X	X	X	X
Clear with Internal Dividers	X	X	X	X	X	X	X	X	X	X	X	X
1/2" IG 2A Low E	30 / 19 0235-00001	30 / 19 0235-00001	19 / 06 0216-00001	19 / 06 0216-00001	19 / 06 0216-00001	19 / 06 0216-00001	19 / 06 0216-00001	19 / 06 0216-00001	19 / 06 0216-00001	19 / 06 0216-00001	19 / 06 0216-00001	19 / 06 0216-00001
Low E	X	X	X	X	X	X	X	X	X	X	X	X
Low E with External Dividers	X	X	X	X	X	X	X	X	X	X	X	X
1/2" IG 2B Low E	30 / 16 0241-00001	30 / 16 0241-00001	19 / 05 0217-00001	19 / 05 0217-00001	19 / 05 0217-00001	19 / 05 0217-00001	19 / 05 0217-00001	19 / 05 0217-00001	19 / 05 0217-00001	19 / 05 0217-00001	19 / 05 0217-00001	19 / 05 0217-00001
Low E	X	X	X	X	X	X	X	X	X	X	X	X
Low E with External Dividers	X	X	X	X	X	X	X	X	X	X	X	X
Solid Panel (includes all flush paneling designs)	X	X	X	X	X	X	X	X	X	X	X	X
Solid Panel (includes all embossed paneling designs)	X	X	X	X	X	X	X	X	X	X	X	X
<b>Smooth-Star®</b>												
<b>3" Flush-Glazed</b>												
Daylight Opening (in2)	26x80	21x80	14x80	26x64	20x64							
5/8" IG	1877	1561	1123	1524	1254							
Clear	X	X	X	X	X							
Clear with External Dividers	X	X	X	X	X							
5/8" IG 2A Low E	27 / 18 0236-00001	27 / 18 0236-00001	27 / 18 0236-00001	27 / 18 0236-00001	27 / 18 0236-00001							
Low E	X	X	X	X	X							
Low E with External Dividers	X	X	X	X	X							
5/8" IG 2B Low E	27 / 16 0238-00001	27 / 16 0238-00001	29 / 16 0236-00001	29 / 16 0236-00001	29 / 16 0236-00001							
Low E	X	X	X	X	X							
Low E with External Dividers	X	X	X	X	X							
5/8" IG with Internal Dividers	30 / 31 0245-00001	30 / 31 0245-00001	30 / 31 0236-00001	30 / 31 0236-00001	30 / 31 0236-00001							
Clear	X	X	X	X	X							
5/8" IG with Internal Dividers 2A Low E	29 / 17 0240-00001	29 / 17 0240-00001	29 / 17 0237-00001	29 / 17 0237-00001	29 / 17 0237-00001							
Low E	X	X	X	X	X							
5/8" IG with Internal Dividers 2B Low E	29 / 15 0242-00001	29 / 15 0242-00001	29 / 15 0239-00001	29 / 15 0239-00001	29 / 15 0239-00001							
Low E	X	X	X	X	X							

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	Indicates Product is Energy Star Qualified in Northern Zones	
	Indicates Product is NOT Energy Star Qualified	





# Profiles™ Continued

NFRC Size Designation	Foil Lite >1100 in2		3/4 Lite ≤1100 in2		1/2 Lite ≤900 in2								1/4 Lite ≤410 in2				Opaque	Sidelites ≤410 in2			
																					
Glass designs																					
1" IG Impact with Internal Wrought Iron Dividers	02278-00001 X   X	02241-00001 X	02203-00001 X	02203-00001 X	02203-00001 X	02203-00001 X	02203-00001 X	02203-00001 X	02203-00001 X	02203-00001 X	02203-00001 X	02203-00001 X	02203-00001 X	02203-00001 X	02203-00001 X	02203-00001 X	02167-00001 X	02167-00001 X	02167-00001 X	02167-00001 X	
9/16" IG	.32 / .30 02258-00001 X   X	.28 / .23 02221-00001 X	.24 / .17 02183-00001 X	.24 / .17 02183-00001 X	.24 / .17 02183-00001 X	.24 / .17 02183-00001 X	.24 / .17 02183-00001 X	.24 / .17 02183-00001 X	.24 / .17 02183-00001 X	.24 / .17 02183-00001 X	.24 / .17 02183-00001 X	.24 / .17 02183-00001 X	.24 / .17 02183-00001 X	.24 / .17 02183-00001 X	.24 / .17 02183-00001 X	.24 / .17 02183-00001 X	.20 / .09 02147-00001 X	.20 / .09 02147-00001 X	.20 / .09 02147-00001 X	.20 / .09 02147-00001 X	
9/16" IG with Internal Dividers	.36 / .32 02250-00001 X   X	.31 / .24 02213-00001 X	.27 / .18 02175-00001 X	.27 / .18 02175-00001 X	.27 / .18 02175-00001 X	.27 / .18 02175-00001 X	.27 / .18 02175-00001 X	.27 / .18 02175-00001 X	.27 / .18 02175-00001 X	.27 / .18 02175-00001 X	.27 / .18 02175-00001 X	.27 / .18 02175-00001 X	.27 / .18 02175-00001 X	.27 / .18 02175-00001 X	.27 / .18 02175-00001 X	.27 / .18 02175-00001 X	.21 / .09 02139-00001 X	.21 / .09 02139-00001 X	.21 / .09 02139-00001 X	.21 / .09 02139-00001 X	
9/16" IG with Internal Dividers 2A Low E	.30 / .18 02263-00001 X   X	.26 / .13 02226-00001 X	.23 / .10 02188-00001 X	.23 / .10 02188-00001 X	.23 / .10 02188-00001 X	.23 / .10 02188-00001 X	.23 / .10 02188-00001 X	.23 / .10 02188-00001 X	.23 / .10 02188-00001 X	.23 / .10 02188-00001 X	.23 / .10 02188-00001 X	.23 / .10 02188-00001 X	.23 / .10 02188-00001 X	.23 / .10 02188-00001 X	.23 / .10 02188-00001 X	.23 / .10 02188-00001 X	.19 / .05 02152-00001 X	.19 / .05 02152-00001 X	.19 / .05 02152-00001 X	.19 / .05 02152-00001 X	
9/16" IG with Internal Dividers 2B Low E	.30 / .16 02284-00001 X   X	.26 / .12 02227-00001 X	.23 / .09 02189-00001 X	.23 / .09 02189-00001 X	.23 / .09 02189-00001 X	.23 / .09 02189-00001 X	.23 / .09 02189-00001 X	.23 / .09 02189-00001 X	.23 / .09 02189-00001 X	.23 / .09 02189-00001 X	.23 / .09 02189-00001 X	.23 / .09 02189-00001 X	.23 / .09 02189-00001 X	.23 / .09 02189-00001 X	.23 / .09 02189-00001 X	.23 / .09 02189-00001 X	.19 / .05 02153-00001 X	.19 / .05 02153-00001 X	.19 / .05 02153-00001 X	.19 / .05 02153-00001 X	
1/2" IG	.36 / .34 02248-00001 X   X	.27 / .14 02223-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.21 / .10 02137-00001 X	.21 / .10 02137-00001 X	.21 / .10 02137-00001 X	.21 / .10 02137-00001 X	
1/2" IG 2A Low E	.30 / .19 02260-00001 X   X	.27 / .14 02223-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.24 / .11 02185-00001 X	.20 / .06 02149-00001 X	.20 / .06 02149-00001 X	.20 / .06 02149-00001 X	.20 / .06 02149-00001 X	
1/2" IG 2B Low E	.30 / .16 02261-00001 X   X	.26 / .12 02224-00001 X	.24 / .09 02186-00001 X	.24 / .09 02186-00001 X	.24 / .09 02186-00001 X	.24 / .09 02186-00001 X	.24 / .09 02186-00001 X	.24 / .09 02186-00001 X	.24 / .09 02186-00001 X	.24 / .09 02186-00001 X	.24 / .09 02186-00001 X	.24 / .09 02186-00001 X	.24 / .09 02186-00001 X	.24 / .09 02186-00001 X	.24 / .09 02186-00001 X	.24 / .09 02186-00001 X	.20 / .05 02150-00001 X	.20 / .05 02150-00001 X	.20 / .05 02150-00001 X	.20 / .05 02150-00001 X	
Solid Panel (includes all flush paneling designs)																	.14 / .01 02136-00001 X	.14 / .01 02136-00001 X	.14 / .01 02136-00001 X	.14 / .01 02136-00001 X	
Solid Panel (includes all embossed paneling designs)																		.14 / .01 02138-00001 X	.14 / .01 02138-00001 X	.14 / .01 02138-00001 X	.14 / .01 02138-00001 X

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	Indicates Product is Energy Star Qualified in Northern Zones	
	Indicates Product is NOT Energy Star Qualified	



# Traditions Continued

NFRC Size Designation	Full Lite >1100 in2		3/4 Lite ≤1100 in2		1/2 Lite ≤900 in2						1/4 Lite ≤410 in2				Opaque	Sidelites ≤ 900 in2				Sidelites ≤ 410 in2									
	U-Factor	SHGC	U-Factor	SHGC	U-Factor	SHGC	U-Factor	SHGC	U-Factor	SHGC	U-Factor	SHGC	U-Factor	SHGC	U-Factor	SHGC	U-Factor	SHGC	U-Factor	SHGC	U-Factor	SHGC	U-Factor	SHGC	U-Factor	SHGC	U-Factor	SHGC	
1" IG Impact with Internal Dividers 2A Low E	.26 / .17 02276-00001	X			.21 / .10 02201-00001	X	.21 / .10 02201-00001	X	.21 / .10 02201-00001	X	.21 / .10 02201-00001	X									.18 / .05 02165-00001	X	.18 / .05 02165-00001	X					
1" IG Impact with Internal Dividers 2B Low E	.26 / .15 02278-00001	X			.21 / .09 02203-00001	X	.21 / .09 02203-00001	X	.21 / .09 02203-00001	X	.21 / .09 02203-00001	X									.18 / .05 02167-00001	X	.18 / .05 02167-00001	X					
1" IG Impact with Internal Wrought Iron Dividers	.32 / .30 02258-00001	X					.24 / .17 02183-00001	X			.24 / .17 02183-00001	X									.20 / .09 02147-00001	X	.20 / .09 02147-00001	X					
9/16" IG																													
9/16" IG with Internal Dividers	.36 / .32 02250-00001	X			.27 / .18 02175-00001	X	.27 / .18 02175-00001	X	.27 / .18 02175-00001	X	.27 / .18 02175-00001	X	.21 / .09 02139-00001	X	.21 / .09 02139-00001	X					.21 / .09 02139-00001	X	.21 / .09 02139-00001	X					
9/16" IG with Internal Dividers 2A Low E	.30 / .18 02263-00001	X	.26 / .13 02226-00001	X	.23 / .10 02188-00001	X	.23 / .10 02188-00001	X	.23 / .10 02188-00001	X	.23 / .10 02188-00001	X	.19 / .05 02152-00001	X	.19 / .05 02152-00001	X					.19 / .05 02153-00001	X	.19 / .05 02153-00001	X					
9/16" IG with Internal Dividers 2B Low E	.30 / .16 02264-00001	X	.26 / .12 02227-00001	X	.23 / .09 02189-00001	X	.23 / .09 02189-00001	X	.23 / .09 02189-00001	X	.23 / .09 02189-00001	X	.19 / .05 02153-00001	X	.19 / .05 02153-00001	X					.19 / .05 02153-00001	X	.19 / .05 02153-00001	X					
1/2" IG	.36 / .34 02248-00001	X			.27 / .19 02173-00001	X	.27 / .19 02173-00001	X	.27 / .19 02173-00001	X	.27 / .19 02173-00001	X	.21 / .10 02137-00001	X	.21 / .10 02137-00001	X					.21 / .10 02137-00001	X	.21 / .10 02137-00001	X	.21 / .10 02137-00001	X	.20 / .09 01246-00001	X	
1/2" IG 2A Low E	.30 / .19 02290-00001	X	.27 / .14 02223-00001	X	.24 / .11 02185-00001	X	.24 / .11 02185-00001	X	.24 / .11 02185-00001	X	.24 / .11 02185-00001	X	.20 / .06 02149-00001	X	.20 / .06 02149-00001	X					.20 / .06 02149-00001	X	.20 / .06 02149-00001	X	.20 / .06 02149-00001	X	.19 / .05 01256-00001	X	
1/2" IG 2B Low E	.30 / .16 02281-00001	X	.26 / .12 02224-00001	X	.24 / .09 02186-00001	X	.24 / .09 02186-00001	X	.24 / .09 02186-00001	X	.24 / .09 02186-00001	X	.20 / .05 02150-00001	X	.20 / .05 02150-00001	X					.20 / .05 02150-00001	X	.20 / .05 02150-00001	X	.20 / .05 02150-00001	X	.19 / .05 01256-00002	X	
Solid Panel (includes all flush paneling designs)																					.14 / .01 02136-00001	X	.14 / .01 02136-00001	X					
Solid Panel (includes all embossed paneling designs)																					.14 / .01 02135-00001	X	.14 / .01 02135-00001	X					

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# Traditions Continued

NFRC Size Designation	Full Lite >1100 in2		3/4 Lite ≤1100 in2		1/2 Lite ≤900 in2						1/4 Lite ≤410 in2				Opaque	Sidelites ≤ 900 in2		Sidelites ≤ 410 in2	
	Green	Yellow	Yellow	Yellow	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
1" IG Impact	02256-00001		02219-00001	02219-00001															
Clear	X	X	X	X															
Tinted Glass	X																		
Frosted Images®	X	X		X															
1" IG Impact 2A Low E	.25 / .18 02275-00001		.22 / .14 02238-00001	.22 / .14 02238-00001															
Low-E	X	X	X	X															
1" IG Impact 2B Low E	.25 / .16 02277-00001		.22 / .12 02240-00001	.22 / .12 02240-00001															
Low-E	X	X	X	X															
1" IG Impact Triple Pane	.25 / .29 02259-00001		.26 / .22 02222-00001	.26 / .22 02222-00001															
Ardent™				X															
Avorlea™				X															
Axis™	X	X		X															
Blackstone®	X	X		X															
Concorde™	X	X		X															
Crystal Diamonds™				X															
Crystalline™	X	X		X															
Element				X															
Kensington™				X															
Keystone™				X															
Maple Park™				X															
Privacy	X	X	X	X															
Santoga™				X															
Texas Star				X															
Walesley™	X	X		X															
1" IG Impact with Internal Dividers	.33 / .30 02257-00001		.28 / .23 02220-00001	.28 / .23 02220-00001															
GBGs	X	X	X	X															
1" IG Impact with Internal Dividers 2A Low E	.26 / .17 02276-00001		.23 / .13 02239-00001	.23 / .13 02239-00001															
GBGs	X	X	X	X															
1" IG Impact with Internal Dividers 2B Low E	.28 / .15 02278-00001		.23 / .12 02241-00001	.23 / .12 02241-00001															
GBGs	X	X	X	X															
1" IG Impact with Internal Wrought Iron Dividers	.32 / .30 02258-00001		.28 / .23 02221-00001	.28 / .23 02221-00001															
Salinas®	X			X															
9/16" IG with Internal Dividers	.36 / .32 02250-00001		.31 / .24 02213-00001	.31 / .24 02213-00001															
GBGs	X	X	X	X															
9/16" IG with Internal Dividers 2A Low E	.30 / .18 02263-00001		.26 / .13 02226-00001	.26 / .13 02226-00001															
GBGs	X	X	X	X															
9/16" IG with Internal Dividers 2B Low E	.30 / .16 02264-00001		.26 / .12 02227-00001	.26 / .12 02227-00001															
GBGs	X	X	X	X															
1/2" IG	.36 / .34 02248-00001																		
Clear	X	X																	
Clear with External Dividers	X	X																	
Frosted Images®	X	X																	
1/2" IG 2A Low E	.30 / .19 02260-00001																		
Low-E	X	X																	
Low-E with External Dividers	X	X																	
1/2" IG 2B Low E	.30 / .16 02261-00001																		
Low-E	X	X																	
Low-E with External Dividers	X	X																	
Solid Panel (includes all flush paneling designs)																			
Solid Panel (includes all embossed paneling designs)																			

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








# Pulse® Continued

NFRC Size Designation	Full Lite	3/4 Lite	1/2 Lite		1/4 Lite							Sidelite								
	>1100 in2	≤1100 in2	≤900 in2		≤410 in2							≤410 in2								
Glass designs																				
	Ari 4-Lite	Solei	Ari 3-Lite	Lines Centered Shown Also available in Left or Right Offset	Lines Centered Shown Also available in Left or Right Offset	Echo 6-Lite Centered Shown Also available in Left or Right Offset	Echo 5-Lite Centered Shown Also available in Left or Right Offset	Echo 4-Lite Centered Shown Also available in Left or Right Offset	Echo Clustered 4-Lite Centered Shown Also available in Left or Right Offset	Echo Clustered 4-Lite Centered Shown Also available in Left or Right Offset	Echo Clustered 3-Lite Centered Shown Also available in Left or Right Offset	Echo Clustered 3-Lite Centered Shown Also available in Left or Right Offset	Echo 6-Lite	Echo 5-Lite	Echo 4-Lite	Middle Clustered 4-Lite	Echo Top Clustered 4-Lite	Echo Middle Clustered 3-Lite Centered	Echo Top Clustered 3-Lite	
1" IG with Internal Wrought Iron Dividers					21 / 09 02188-00001															
1" IG with Miniblinds																				
1" IG with Miniblinds Low E																				
1/2" IG																				
1/2" IG 2A Low E																				
1/2" IG 2B Low E																				
<b>80" Section</b>																				
Glass Designation (in)	21x15		16x64		7x80		8x6		8x6		8x6		8x6		8x6		8x6		8x6	
Daylight Opening (in2)	1112		941		543		204		170		136		136		136		204		170	
1" IG																				
1" IG 2A Low E																				
1" IG 2B Low E																				
1" IG Triple Pane																				
Axiela™																				
Blackstone®																				
Crystal Diamonds™																				
Crystalline™																				
Element																				
Maple Park™																				
Privacy																				
Saratoga™																				
Sedona																				
Sedona Art																				
1" IG with Internal Wrought Iron Dividers																				
1" IG with Miniblinds																				
1" IG with Miniblinds Low E																				
1/2" IG																				
1/2" IG 2A Low E																				
1/2" IG 2B Low E																				
Smooth-Star®																				
Glass Designation (in)	16x64		21x15		7x64		8x6		8x6		8x6		8x6		8x6		8x6		8x6	
Daylight Opening (in2)	941		834		373		170		136		102		102		170		136		102	
1" IG 2A Low E																				
1" IG 2B Low E																				
1" IG Triple Pane																				
Axiela™																				
Avonlea™																				
Blackstone®																				
Crystal Diamonds™																				
Crystalline™																				
Element																				
Maple Park™																				
Privacy																				
Saratoga™																				
Sedona																				
Sedona Art																				
Texas Star																				
1" IG with Internal Wrought Iron Dividers																				

KEY	Indicates Product is Energy Star Qualified in all 50 States	Numbers: U-Factor / Solar Heat Gain Coefficient
	Indicates Product is Energy Star Qualified in Northern Zones	X: Indicates Product Availability
	Indicates Product is NOT Energy Star Qualified	



# Pulse® Continued

NFRC Size Designation	Full Lite		3/4 Lite		1/2 Lite		1/4 Lite						Sidelite							
	>1100 in2	<=1100 in2	>900 in2	<=900 in2	>410 in2	<=410 in2	>410 in2	<=410 in2	>410 in2	<=410 in2	>410 in2	<=410 in2	>410 in2	<=410 in2	>410 in2	<=410 in2				
<b>Glass designs</b>																				
	Ari 4-Lite	Solei	Ari 3-Lite	Linea Centered Shown Also available in Left or Right Offset	Linea Centered Shown Also available in Left or Right Offset	Echo 6-Lite Centered Shown Also available in Left or Right Offset	Echo 5-Lite Centered Shown Also available in Left or Right Offset	Echo 4-Lite Centered Shown Also available in Left or Right Offset	Echo Clustered 4-Lite Centered Shown Also available in Left or Right Offset	Echo Clustered 4-Lite Centered Shown Also available in Left or Right Offset	Echo Clustered 3-Lite Centered Shown Also available in Left or Right Offset	Echo Clustered 3-Lite Centered Shown Also available in Left or Right Offset	Echo 6-Lite	Echo 5-Lite	Echo 4-Lite	Echo Middle Clustered 4-Lite	Echo Top Clustered 4-Lite	Echo Middle Clustered 3-Lite Centered	Echo Top Clustered 3-Lite	
1/2" IG 2B Low E		.26 / .12 02224-00001			.20 / .05 02150-00001	.20 / .05 02150-00001	.20 / .05 02150-00001	.20 / .05 02150-00001			.20 / .05 02150-00001	.20 / .05 02150-00001								
Low-E		X			X	X	X				X	X								
<b>Traditions Steel (wood edge)</b>																				
Glass Designation (in)																				
Daylight Opening (in2)																				
1" IG Triple Pane																				
Privacy																				
1/2" IG																				
Clear																				
1/2" IG 2A Low E																				
Low-E																				
1/2" IG 2B Low E																				
Low-E																				
1" IG Triple Pane																				
Axis™																				
<b>8'0" Section</b>																				
Glass Designation (in)																				
Daylight Opening (in2)																				
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Low-E																				
1" IG Triple Pane																				
Axis™																				
Blackstone®																				
Crystalline™																				
Privacy																				
Saratoga™																				
Sedona																				
Sedona Att																				
1" IG with Internal Wrought Iron Dividers																				
Salmas®																				
1" IG with Miniblinds																				
BBGs																				
1" IG with Miniblinds Low E																				
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KEY	Indicates Product is Energy Star Qualified in all 50 States	Numbers: U-Factor / Solar Heat Gain Coefficient X: Indicates Product Availability
	Indicates Product is Energy Star Qualified in Northern Zones	
	Indicates Product is NOT Energy Star Qualified	