



# 2017 ENERGY STAR® Qualification Chart-FCM



Door Collection / Glass Design												
<b>Fiber-Classic® Mahogany Collection™</b>												
<b>6'8" Section</b>												
<b>Glass Size (Inches)</b>	<b>22x64</b>	<b>20x64</b>	<b>16x64</b>	<b>22x47</b>	<b>22x36</b>	<b>16x40</b>	<b>21x15</b>	<b>8x42R</b>	<b>22x10A</b>	<b>8x6</b>	<b>OPAQUE</b>	
Blackstone®	.27 / .30	.27 / .30		.24 / .23	.22 / .17	.22 / .17		.18 / .09				
Crystalline™	.27 / .30	.27 / .30		.24 / .23	.22 / .17			.18 / .09		.18 / .09		
Sedona	.27 / .30	.27 / .30		.24 / .23	.22 / .17		.18 / .09	.18 / .09				
Sedona Art	.27 / .30	.27 / .30		.24 / .23	.22 / .17		.18 / .09	.18 / .09				
Salinas®	.34 / .31	.34 / .31		.29 / .23	.26 / .18			.21 / .09				
Element	.27 / .30											
Maple Park®	.27 / .30			.24 / .23	.22 / .17		.18 / .09	.18 / .09	.18 / .09			
Avonlea®	.27 / .30			.24 / .23	.22 / .17	.22 / .17		.18 / .09				
Saratoga™	.27 / .30	.27 / .30		.24 / .23	.22 / .17		.18 / .09	.18 / .09	.18 / .09			
Arden®	.27 / .30			.24 / .23	.22 / .17	.22 / .17		.18 / .09				
Texas Star	.27 / .30			.24 / .23	.22 / .17	.22 / .17						
Wellesley™	.27 / .30	.27 / .30		.24 / .23	.22 / .17	.22 / .17		.18 / .09	.18 / .09			
Riserva™	.34 / .31	.34 / .31		.29 / .23	.26 / .18			.21 / .09				
Concorde™	.27 / .30	.27 / .30		.24 / .23	.22 / .17	.22 / .17		.18 / .09	.18 / .09			
Kensington™	.27 / .30			.24 / .23	.22 / .17	.22 / .17		.18 / .09				
Crystal Diamonds™	.27 / .30	.27 / .30		.24 / .23	.22 / .17	.22 / .17		.18 / .09	.18 / .09			
Axis™	.27 / .30	.27 / .30	.24 / .23	.24 / .23	.22 / .17		.18 / .09			.18 / .09		
Frosted Images®	.34 / .34	.34 / .34		.29 / .25	.26 / .19	.26 / .19						
Privacy with Divided Lites	.27 / .30	.27 / .30	.24 / .23	.24 / .23	.22 / .17		.18 / .09		.18 / .09			
Chinchilla	.27 / .30	.27 / .30	.24 / .23	.24 / .23	.22 / .17		.18 / .09		.18 / .09	.18 / .09		
Chord	.27 / .30	.27 / .30	.24 / .23	.24 / .23	.22 / .17		.18 / .09		.18 / .09	.18 / .09		
Granite	.27 / .30	.27 / .30	.24 / .23	.24 / .23	.22 / .17		.18 / .09		.18 / .09	.18 / .09		
Rainglass	.27 / .30	.27 / .30	.24 / .23	.24 / .23	.22 / .17		.18 / .09		.18 / .09	.18 / .09		
Satin Etch	.27 / .30	.27 / .30	.24 / .23	.24 / .23	.22 / .17		.18 / .09		.18 / .09	.18 / .09		
Clear with Internal Blinds	.37 / .28	.37 / .28	.32 / .21	.32 / .21	.27 / .16							
Clear with Divided Lites	.36 / .34			.29 / .25	.27 / .19				.21 / .10			
Clear with Grilles Between Glass	.36 / .31	.36 / .31	.30 / .23	.29 / .23	.26 / .18				.21 / .09			
Clear Glass	.36 / .34			.29 / .25	.27 / .19	.26 / .19		.21 / .10	.21 / .10	.21 / .10		
Low-E with Internal Blinds	.32 / .23	.32 / .23	.28 / .17	.28 / .17	.25 / .14							
Low-E with Divided Lites	.30 / .19	.30 / .19		.24 / .14	.23 / .11		.19 / .06		.19 / .08			
Low-E with Grilles Between Glass	.30 / .17	.30 / .17	.26 / .13	.24 / .13	.23 / .10				.19 / .05			
Low-E Glass	.30 / .19	.30 / .19	.26 / .14	.24 / .14	.23 / .11	.22 / .10	.19 / .06	.19 / .06	.19 / .08	.19 / .06		
Solid Panel												.14 / .01

Non-Impact

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 Zone	
	Indicates Product is NOT Energy Star Qualified	



# 2017 ENERGY STAR® Qualification Chart-FCM



Door Collection / Glass Design					
<b>Fiber-Classic® Mahogany Collection™</b>					
<b>6'8" Section</b>					
<b>Glass Size (Inches)</b>	<b>7x64</b>	<b>8x47</b>	<b>8x36</b>	<b>8x44S</b>	
Blackstone®	.18 / .09	.18 / .09	.18 / .09		
Crystalline™	.18 / .09	.18 / .09	.18 / .09	.18 / .09	
Sedona	.18 / .09	.18 / .09	.18 / .09		
Sedona Art	.18 / .09	.18 / .09	.18 / .09		
Salinas®	.21 / .09	.21 / .09	.21 / .09		
Element	.18 / .09				
Maple Park®	.18 / .09	.18 / .09	.18 / .09		
Avonlea®	.18 / .09	.18 / .09	.18 / .09		
Saratoga™	.18 / .09	.18 / .09	.18 / .09		
Arden®	.18 / .09	.18 / .09	.18 / .09		
Texas Star	.18 / .09	.18 / .09	.18 / .09		
Wellesley™	.18 / .09	.18 / .09	.18 / .09		
Riserva™	.21 / .09	.21 / .09	.21 / .09		
Concorde™	.18 / .09	.18 / .09	.18 / .09	.18 / .09	
Kensington™	.18 / .09	.18 / .09	.18 / .09		
Crystal Diamonds™	.18 / .09	.18 / .09	.18 / .09	.18 / .09	
Axis™	.18 / .09	.18 / .09	.18 / .09		
Frosted Images®	.21 / .10		.21 / .10		
Privacy with Divided Lites	.18 / .09	.18 / .09	.18 / .09		
Chinchilla	.18 / .09	.18 / .09	.18 / .09		
Chord	.18 / .09	.18 / .09	.18 / .09		
Granite	.18 / .09	.18 / .09	.18 / .09		
Rainglass	.18 / .09	.18 / .09	.18 / .09		
Satin Etch	.18 / .09	.18 / .09	.18 / .09		
Clear with Internal Blinds	.22 / .08	.22 / .08	.22 / .08		
Clear with Divided Lites	.21 / .10	.21 / .10	.21 / .10		
Clear with Grilles Between Glass	.21 / .09	.21 / .09	.21 / .09		
Clear Glass	.21 / .10	.21 / .10	.21 / .10	.21 / .10	
Low-E with Internal Blinds	.20 / .07	.20 / .07	.20 / .07		
Low-E with Divided Lites	.19 / .06	.19 / .06	.19 / .06		
Low-E with Grilles Between Glass	.19 / .05	.19 / .05	.19 / .05		
Low-E Glass	.19 / .06	.19 / .06	.19 / .06	.19 / .06	

Non-Impact

<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 Zone	
	Indicates Product is NOT Energy Star Qualified	



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Door Collection / Glass Design										
Impact	Fiber-Classic® Mahogany Collection™									
	6'8" Section									
	Glass Size (Inches)	22x64	20x64	22x47	14x64	22x36	21x15	7x64	8x47	8x36
	Blackstone®	.29 / .29	.29 / .29	.26 / .22		.23 / .16		.19 / .09	.19 / .09	.19 / .09
	Crystalline™	.29 / .29	.29 / .29	.26 / .22		.23 / .16		.19 / .09	.19 / .09	.19 / .09
	Salinas®	.32 / .29		.28 / .22		.24 / .17		.20 / .09	.20 / .09	.20 / .09
	Element	.29 / .29						.19 / .09		
	Maple Park®	.29 / .29		.26 / .22		.23 / .16	.19 / .09	.19 / .09	.19 / .09	.19 / .09
	Avonlea®	.29 / .29		.26 / .22		.23 / .16		.19 / .09	.19 / .09	.19 / .09
	Saratoga™	.29 / .29	.29 / .29	.26 / .22		.23 / .16	.19 / .09	.19 / .09	.19 / .09	.19 / .09
	Arden®	.29 / .29		.26 / .22		.23 / .16		.19 / .09	.19 / .09	.19 / .09
	Texas Star	.29 / .29		.26 / .22		.23 / .16		.19 / .09	.19 / .09	.19 / .09
	Wellesley™	.29 / .29	.29 / .29	.26 / .22		.23 / .16		.19 / .09	.19 / .09	.19 / .09
	Riserva™	.32 / .29		.28 / .22		.24 / .17	.20 / .09	.20 / .09	.20 / .09	.20 / .09
	Concorde™	.29 / .29	.29 / .29	.26 / .22		.23 / .16		.19 / .09	.19 / .09	.19 / .09
	Kensington™	.29 / .29		.26 / .22		.23 / .16		.19 / .09	.19 / .09	.19 / .09
	Crystal Diamonds™	.29 / .29	.29 / .29	.26 / .22		.23 / .16		.19 / .09	.19 / .09	.19 / .09
	Axis™	.29 / .29	.29 / .29	.26 / .22		.23 / .16	.19 / .09	.19 / .09	.19 / .09	.19 / .09
	Frosted Images®	.31 / .32	.31 / .32	.27 / .24		.24 / .18		.20 / .09		.20 / .09
	Chinchilla	.29 / .29	.29 / .29	.26 / .22		.23 / .16	.19 / .09	.19 / .09	.19 / .09	.19 / .09
	Chord	.29 / .29	.29 / .29	.26 / .22		.23 / .16	.19 / .09	.19 / .09	.19 / .09	.19 / .09
	Granite	.29 / .29	.29 / .29	.26 / .22		.23 / .16	.19 / .09	.19 / .09	.19 / .09	.19 / .09
	Rainglass	.29 / .29	.29 / .29	.26 / .22		.23 / .16	.19 / .09	.19 / .09	.19 / .09	.19 / .09
	Satin Etch	.29 / .29	.29 / .29	.26 / .22		.23 / .16	.19 / .09	.19 / .09	.19 / .09	.19 / .09
	Clear with Grilles Between Glass	.32 / .29	.32 / .29	.28 / .22	.24 / .17	.24 / .17		.20 / .09	.20 / .09	.20 / .09
Clear Glass	.31 / .32	.31 / .32	.27 / .24	.24 / .18	.24 / .18		.20 / .09	.20 / .09	.20 / .09	
Low-E with Grilles Between Glass	.26 / .17	.26 / .17	.23 / .13	.21 / .10	.21 / .10		.18 / .05	.18 / .05	.18 / .05	
Low-E Glass	.25 / .18	.25 / .18	.22 / .14	.20 / .10	.23 / .11	.18 / .08	.18 / .06	.18 / .06	.18 / .06	

Key	Indicates Product is Energy Star Qualified in all 50 States	Numbers: U-Factor / Solar Heat Gain Coefficient X: Indicates Product Availability
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# 2017 ENERGY STAR® Qualification Chart-FCM



Door Collection / Glass Design										
<b>Fiber-Classic® Mahogany Collection™</b>										
<b>8'0" Section</b>										
<b>Glass Size (Inches)</b>	<b>22x80</b>	<b>20x80</b>	<b>14x80</b>	<b>22x47</b>	<b>22x10A</b>	<b>8x6</b>	<b>OPAQUE</b>	<b>7x80</b>	<b>7x64</b>	<b>8x47</b>
Blackstone®	.27 / .30	.27 / .30		.24 / .23				.22 / .17	.18 / .09	.18 / .09
Crystalline™	.27 / .30	.27 / .30		.24 / .23				.22 / .17	.18 / .09	.18 / .09
Sedona	.27 / .30			.24 / .23				.22 / .17	.18 / .09	.18 / .09
Sedona Art	.27 / .30			.24 / .23				.22 / .17	.18 / .09	.18 / .09
Salinas®	.34 / .31	.34 / .31		.29 / .23				.26 / .18	.21 / .09	.21 / .09
Element									.18 / .09	
Maple Park®				.24 / .23	.18 / .09				.18 / .09	.18 / .09
Avonlea®				.24 / .23					.18 / .09	.18 / .09
Saratoga™				.24 / .23	.18 / .09			.22 / .17	.18 / .09	.18 / .09
Arden®				.24 / .23					.18 / .09	.18 / .09
Texas Star				.24 / .23					.18 / .09	.18 / .09
Wellesley™	.27 / .30	.27 / .30		.24 / .23	.18 / .09			.22 / .17	.18 / .09	.18 / .09
Riserva™	.34 / .31	.34 / .31		.29 / .23				.26 / .18	.21 / .09	.21 / .09
Concorde™	.27 / .30			.24 / .23	.18 / .09			.22 / .17	.18 / .09	.18 / .09
Kensington™				.24 / .23					.18 / .09	.18 / .09
Crystal Diamonds™				.24 / .23					.18 / .09	.18 / .09
Axis™	.27 / .30	.27 / .30		.24 / .23		.18 / .09		.22 / .17	.18 / .09	.18 / .09
Frosted Images®	.34 / .34			.29 / .25				.26 / .19	.21 / .10	
Privacy with Divided Lites				.24 / .23					.18 / .09	.18 / .09
Chinchilla	.27 / .30	.27 / .30		.24 / .23	.18 / .09	.18 / .09		.22 / .17	.18 / .09	.18 / .09
Chord	.27 / .30	.27 / .30		.24 / .23	.18 / .09	.18 / .09		.22 / .17	.18 / .09	.18 / .09
Granite	.27 / .30	.27 / .30		.24 / .23	.18 / .09	.18 / .09		.22 / .17	.18 / .09	.18 / .09
Rainglass	.27 / .30	.27 / .30		.24 / .23	.18 / .09	.18 / .09		.22 / .17	.18 / .09	.18 / .09
Satin Etch	.27 / .30	.27 / .30		.24 / .23	.18 / .09	.18 / .09		.22 / .17	.18 / .09	.18 / .09
Clear with Internal Blinds	.37 / .28	.37 / .28		.32 / .21				.27 / .16	.22 / .08	
Clear with Divided Lites	.34 / .34	.34 / .34		.29 / .25	.21 / .10			.26 / .19	.21 / .10	.21 / .10
Clear with Grilles Between Glass	.36 / .31	.36 / .31		.29 / .23	.21 / .09			.26 / .18	.21 / .09	.21 / .09
Clear Glass	.34 / .34	.34 / .34	.29 / .25	.29 / .25	.21 / .10	.21 / .10		.26 / .19	.21 / .10	.21 / .10
Low-E with Internal Blinds	.32 / .23	.32 / .23		.28 / .21				.25 / .14	.20 / .07	
Low-E with Grilles Between Glass	.30 / .17	.30 / .17	.24 / .13	.24 / .13	.19 / .05			.22 / .10	.19 / .05	.19 / .05
Low-E with Divided Lites	.30 / .19	.30 / .19		.24 / .14				.22 / .10	.19 / .06	.19 / .06
Low-E Glass	.30 / .19	.30 / .19		.24 / .14	.19 / .06	.19 / .06		.22 / .10	.19 / .06	.19 / .06
Solid Panel							.14 / .01			

Non-Impact

<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 Zone	
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Door Collection / Glass Design							
<b>Fiber-Classic® Mahogany Collection™</b>							
<b>8'0" Section</b>							
<b>Glass Size (Inches)</b>	<b>22x80</b>	<b>20x80</b>	<b>14x80</b>	<b>22x47</b>	<b>7x80</b>	<b>7x64</b>	<b>8x47</b>
Blackstone®	.29 / .29	.29 / .29		.26 / .22	.23 / .16	.19 / .09	.19 / .09
Crystalline™	.29 / .29	.29 / .29		.26 / .22	.23 / .16	.19 / .09	.19 / .09
Salinas®	.32 / .29			.28 / .22	.24 / .17	.20 / .09	.20 / .09
Element						.19 / .09	
Maple Park®				.26 / .22		.19 / .09	.19 / .09
Avonlea®				.26 / .22		.19 / .09	.19 / .09
Saratoga™				.26 / .22	.23 / .16	.19 / .09	.19 / .09
Arden®				.26 / .22		.19 / .09	.19 / .09
Texas Star				.26 / .22		.19 / .09	.19 / .09
Wellesley™	.29 / .29	.29 / .29		.26 / .22	.23 / .16	.19 / .09	.19 / .09
Riserva™	.32 / .29			.28 / .22	.24 / .17	.20 / .09	.20 / .09
Concorde™	.29 / .29	.29 / .29		.26 / .22	.23 / .16	.19 / .09	.19 / .09
Kensington™				.26 / .22		.19 / .09	.19 / .09
Crystal Diamonds™				.26 / .22		.19 / .09	.19 / .09
Axis™	.29 / .29	.29 / .29		.26 / .22	.23 / .16	.19 / .09	.19 / .09
Frosted Images®	.31 / .32	.31 / .32		.27 / .24	.24 / .18	.20 / .09	
Chinchilla	.29 / .29	.29 / .29		.26 / .22	.23 / .16	.19 / .09	.19 / .09
Chord	.29 / .29	.29 / .29		.26 / .22	.23 / .16	.19 / .09	.19 / .09
Granite	.29 / .29	.29 / .29		.26 / .22	.23 / .16	.19 / .09	.19 / .09
Rainglass	.29 / .29	.29 / .29		.26 / .22	.23 / .16	.19 / .09	.19 / .09
Satin Etch	.29 / .29	.29 / .29		.26 / .22	.23 / .16	.19 / .09	.19 / .09
Clear with Grilles Between Glass	.32 / .29	.32 / .29	.28 / .22	.28 / .22	.24 / .17	.20 / .09	.20 / .09
Clear Glass	.31 / .32	.31 / .32	.27 / .24	.27 / .24	.24 / .18	.20 / .09	.20 / .09
Low-E with Grilles Between Glass	.26 / .17	.26 / .17	.23 / .13	.23 / .13	.21 / .10	.18 / .05	.18 / .05
Low-E Glass	.25 / .18	.25 / .18	.22 / .14	.22 / .14	.20 / .10	.18 / .06	.18 / .06

Impact

<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 Zone	
	Indicates Product is NOT Energy Star Qualified	