

# 2020 ENERGY STAR® QUALIFYING UNITS MATRIX



## UNIT QUALIFIES FOR ENERGY STAR®

Cambridge Smooth or Norwood Stainable Steel Doors (Steel Edge)	1/4 LITE				1/2 LITE		3/4 LITE		FULL LITE			SIDELITES		
<b>Description -&gt;</b>	Craftsman	1/2 Rnd Top Lite	Center Lite	Twin Top Lite	1/2 Lite	Twin 1/2 Lite	3/4 Lite	Twin 3/4 Lite	Full Lite	Twin Full Lite	Full Oval	1/2 Lite	3/4 Lite	Full Lite
<b>Unit qualifies with:</b>														
<b>Clear (IG)</b>	.24 / .10	.24 / .10	.24 / .10	.24 / .10	.30 / .19	.30 / .19	.34 / .26	.34 / .26	.38 / .34	.38 / .34	.38 / .34	.25 / .14	.29 / .19	.32 / .23
<b>Low-E</b>	.22 / .09	.22 / .09	.22 / .09	.22 / .09	.26 / .16	.26 / .16	.28 / .21	.28 / .21	.32 / .28	.32 / .28	.32 / .28	.23 / .12	.25 / .16	.27 / .20
<b>Blinds</b>	n/a	n/a	n/a	n/a	.30 / .18	.30 / .18	.34 / .24	.34 / .24	.39 / .31	.39 / .31	n/a	.26 / .14	.28 / .19	.33 / .23
<b>Decorative Glass</b>	.22 / .09	.22 / .09	.22 / .09	.22 / .09	.26 / .16	.26 / .16	.29 / .21	.29 / .21	.32 / .28	.32 / .28	.32 / .28	.23 / .12	.25 / .16	.29 / .20

Doors with no glass WILL qualify (U-factor = 0.17)

Timberline Smooth or Textured Fiberglass Doors	1/4 LITE				1/2 LITE		3/4 LITE		FULL LITE			SIDELITES		
<b>Description -&gt;</b>	Craftsman	1/2 Rnd Top Lite	Center Lite	Twin Top Lite	1/2 Lite	Twin 1/2 Lite	3/4 Lite	Twin 3/4 Lite	Full Lite	Twin Full Lite	Full Oval	1/2 Lite	3/4 Lite	Full Lite
<b>Unit qualifies with:</b>														
<b>Clear (IG)</b>	.23 / .12	.23 / .12	.23 / .12	.23 / .12	.28 / .20	.28 / .20	.32 / .26	.32 / .26	.36 / .34	.36 / .34	.36 / .34	.20 / .07	.22 / .09	.24 / .12
<b>Low-E</b>	.21 / .10	.21 / .10	.21 / .10	.21 / .10	.24 / .17	.24 / .17	.27 / .22	.27 / .22	.30 / .28	.30 / .28	.30 / .28	.19 / .06	.20 / .08	.22 / .10
<b>Blinds</b>	n/a	n/a	n/a	n/a	.28 / .20	.28 / .20	.32 / .26	.32 / .26	.36 / .34	.36 / .34	n/a	.20 / .04	.22 / .07	.24 / .09
<b>Decorative Glass</b>	.21 / .10	.21 / .10	.21 / .10	.21 / .10	.25 / .16	.25 / .16	.27 / .21	.27 / .21	.31 / .27	.31 / .27	.31 / .27	.19 / .06	.20 / .09	.22 / .12

Doors with no glass WILL qualify (U-factor = 0.16 Flush 0.17 Embossed)

Timbergrain® Fiberglass Doors	1/4 LITE		1/2 LITE	3/4 LITE				SIDELITES		
<b>Description</b>	Craftsman	8-Panel Ctr Arch	1/2 Lite	3/4 Oval 3-Panel	3/4 Oval 2-Panel	3/4 Lite 2-Panel	3/4 Lite 2-Panel Plank	1/2 Lite	3/4 Lite	Full Lite
<b>Unit qualifies with:</b>										
<b>Clear (IG)</b>	.22 / .10	.22 / .10	.27 / .19	.31 / .25	.31 / .25	.31 / .25	.31 / .25	.27 / .11	.30 / .15	.33 / .19
<b>Low-E</b>	.23 / .09	.23 / .09	.26 / .09	.27 / .21	.27 / .21	.27 / .21	.27 / .21	.26 / .09	.27 / .12	.30 / .16
<b>Decorative Glass</b>	.21 / .09	.21 / .09	.24 / .16	.27 / .21	.27 / .21	.27 / .21	.27 / .21	.26 / .10	.27 / .13	.30 / .17

Doors with no glass WILL qualify (U-factor = 0.15 Flush 0.16 Embossed)

Glazing Level	U-Factor <sup>1</sup>	SHGC <sup>2</sup>
Opaque	≤ 0.17	No Rating
≤ 1/2-Lite	≤ 0.25	≤ 0.25
> 1/2-Lite	≤ 0.30	Northern North-Central ≤ 0.40
		Southern South-Central ≤ 0.25

Air Leakage for Sliding Doors ≤ 0.3 cfm/ft<sup>2</sup>  
Air Leakage for Swinging Doors ≤ 0.5 cfm/ft<sup>2</sup>