



## ENERGY STAR® Requirements for Doors and Windows

(Products may comply based on either their U-Value or their Energy Rating.)

Zone	Heating Degree-Day Range	U-Value Path		Or	Energy Rating Path	
		Maximum (W/m <sup>2</sup> K) Btu/h ft F	SHGC		Minimum ER (dimensionless) (Maximum U-Value 2.00 W/m <sup>2</sup> K)	
					Windows With Sashes* and Doors	Windows Without Sashes
A	≤ 3500	2.00 (0.35)	Any	or	17	27
B	> 3500 to ≤ 5500	1.80 (0.32)	Any	or	21	31
C	> 5500 to ≤ 8000	1.60 (0.28)	Any	or	25	35
D	> 8000	1.40 (0.25)	Any	or	29	39

\* The sash may be integral to the frame. Example: fixed casements.