

Product Series	Product Line (Model number in parenthesis)	Glass Type	No Grilles			w/ Grilles		
			U-Factor	SHGC	ENERGY STAR Qualified Climate Zone(s)	U-Factor	SHGC	ENERGY STAR Qualified Climate Zone(s)
5500/5700	5500/5700 Patio Door (5502, 5503, 5504, 5510, 5540, 5700, 5790)	Clear	0.47	0.63	-	0.47	0.56	-
		LoE2	0.34	0.33	-	0.34	0.30	-
		LoE2 w/Argon Gas	0.30	0.33	-	0.30	0.30	Energy Star Qualified Door
		LoE3	0.34	0.26	-	0.34	0.23	-
		LoE3 w/Argon Gas	0.30	0.25	Energy Star Qualified Door	0.30	0.23	Energy Star Qualified Door
5800	5800 Patio Door (5802, 5810, 5840)	Clear	0.46	0.63	-	0.46	0.56	-
		LoE2	0.33	0.34	-	0.33	0.30	-
		LoE2 w/Argon Gas	0.29	0.33	-	0.29	0.30	Energy Star Qualified Door
		LoE3	0.32	0.25	Energy Star Qualified Door	0.32	0.23	Energy Star Qualified Door
		LoE3 w/Argon Gas	0.29	0.25	Energy Star Qualified Door	0.29	0.22	Energy Star Qualified Door

ENERGY STAR® QUALIFICATION

The ENERGY STAR® program was developed by the U.S. Department of Energy and the Environmental Protection Agency to help consumers identify products that save energy. Requirements for windows and doors are tailored to meet the energy needs of the country's four different regions - Northern, North-Central, South-Central and Southern. ENERGY STAR windows and doors must be rated, certified and labeled by the National Fenestration Rating Council (NFRC) for U-Value and Solar Heat Gain Coefficient (SHGC).

ENERGY STAR® Qualification Criteria for Residential Doors

Glazing Level	U-Factor ¹	SHGC ²
Opaque	≤ 0.21	No Rating
≤ ½-Lite	≤ 0.27	≤ 0.30
> ½-Lite	≤ 0.32	≤ 0.30



¹ Btu/h·ft²·°F

² Fraction of incident solar radiation

Test methods: NFRC 100-2009 for U-Factor, NFRC 200-2004 for SHGC and Visible Light Transmittance

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