

## Shanghai Superhouse building material Co Ltd- Window and Door Energy Rating Information

All simulation of the following products have been performed using National Fenestration Rating Council (NFRC) NFRC 100-2010 procedures and NFRC Simulation Manual July 2013 in LBNL Windows7.3 and LBNL Therm7.3.

The performance values displayed on the following pages are for use in the calculation of **Whole of Window (WoW)** energy requirements with reference to G.James window rating datas in accordance with Australian National Construction Code, Volume 1 (section J) & Volume 2 Part 3.12. These values are not to be used for the purpose of glass only energy requirements.

The Energy Rating provides U-value, Solar Heat Gain Coefficient(SHGC), Visible Transmittance(Tvis) and Australian Window Energy Rating.

**U-value** is the rate of heat transfer of the window or door. U-Factor values generally range from 1.4 to 7.0 in  $W/m^2 \cdot K$ . The Lower the U-factor, the better the window or door insulates.

**Solar Heat Gain Coefficient(SHGC)** is the fraction of solar energy transmitted and indicates how much solar heat window or door (glass and frame). SHGC is measured on a scale of 0 to 1, values typically range from 0.25 to 0.80. The lower the SHGC,the less solar heat the window transmits.

**Tvis** is the fraction of ho much light coming through the window or door (glass and frame). Tvis is measured on a scale of 0 to 1, the higher the value is, the more light coming through the window or door.

### NOTES

1. U-value is the whole window U-value
2. SHGC is the whole window solar heat gain coefficient
3. Tvis is the whole window visible (light) transmittance
4. 5 / 12 / 5 means double 5mm clear tempered glass with 12mm air gap, Ar is argon gap
5. EA is for Energy Advantage Low-E coating, DS for Double Silver Low-E coating
6. #2 is the 2nd surface of glass from window outside
7. Cooling and Heating Star of Australian Window Energy Rating is with reference to WERS Certified Products Directory and relevant ratings of A&L, Capral, G.James and Trend Windows, for reference only.

©Shanghai Superhouse building material Co Ltd All Rights Reserved.

Glazing	U-value	SHGC	Tvis	Australian Window Energy Rating	
				Cooling Star	Heating Star
$W/m^2 \cdot K$					
<b>56T Series Thermal-Break Fixed Window</b>					
5 / 12 / 5	2.91	0.65	0.69	★★★★	★★★★★★
5 lowE, #2 / 12 / 5 (EA)	2.19	0.55	0.64	★★★★↓	★★★★★★↓
5 lowE, #2 / 12Ar / 5 (EA)	2.01	0.55	0.64	★★★★	★★★★★★
6 / 12 / 6	2.90	0.62	0.68	★★★★	★★★★★★
6 lowE, #2 / 12 / 6 (EA)	2.19	0.54	0.63	★★★★↓	★★★★★★↓
6 lowE, #2 / 12Ar / 6 (EA)	2.00	0.54	0.63	★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (EA*2)	1.77	0.50	0.59	★★★★★↓	★★★★★★★↓
6 lowE, #2 / 12 / 6 (DS173)	2.04	0.30	0.56	★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS173)	1.83	0.29	0.56	★★★★★↓	★★★★★★↓
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS173,EA)	1.63	0.26	0.53	★★★★★★	★★★★★★
6 lowE, #2 / 12 / 6 (DS170)	1.76	0.32	0.56	★★★★★↓	★★★★★★★↓
6 lowE, #2 / 12Ar / 6 (DS170)	1.66	0.31	0.56	★★★★★↓	★★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS170,EA)	1.52	0.29	0.53	★★★★★★	★★★★★★
6 Bronze / 12 / 6	2.90	0.42	0.38	★★★★	★★★★
6 Marine Blue / 12 / 6	2.90	0.45	0.49	★★★★↓	★★★★★★↓
6 F Green / 12 / 6	2.90	0.41	0.57	★★★★	★★★★
6 EuroGrey / 12 / 6	2.90	0.40	0.34	★★★★	★★★★
6 Bronze / 12 / 6 lowE (EA)	2.19	0.37	0.35	★★★★★	★★★★★★
6 Marine Blue / 12 / 6 lowE (EA)	2.19	0.40	0.46	★★★★★	★★★★★★
6 F Green / 12 / 6 lowE (EA)	2.19	0.36	0.53	★★★★★	★★★★★★
6 Bule Green / 12 / 6 lowE (EA)	2.19	0.40	0.53	★★★★★	★★★★★★
6 EuroGrey / 12 / 6 lowE (EA)	2.19	0.35	0.31	★★★★★	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6	2.82	0.26	0.16	★★★★★	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6 lowE, #3(EA)	2.18	0.22	0.15	★★★★★★	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3(EA)	2.00	0.21	0.15	★★★★★★★↓	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS173)	1.83	0.14	0.13	★★★★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS170)	1.65	0.17	0.13	★★★★★★★↓	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6	2.83	0.27	0.32	★★★★★	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6 lowE, #3 (EA)	2.18	0.23	0.30	★★★★★★	★★★★★★★↓
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (EA)	2.00	0.22	0.30	★★★★★★★↓	★★★★★★★↓
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS173)	1.83	0.17	0.26	★★★★★★★↓	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS170)	1.66	0.19	0.27	★★★★★★★↓	★★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6	2.82	0.26	0.16	★★★★★	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6 lowE, #3(EA)	2.18	0.22	0.15	★★★★★★	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3(EA)	2.00	0.21	0.15	★★★★★★★↓	★★★★★★

6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS173)	1.83	0.14	0.13	★★★★★★★	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS170)	1.65	0.16	0.13	★★★★★★★	★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (EA)	1.80	0.51	0.54	★★★★★	★★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (EA*2)	1.47	0.46	0.54	★★★★★	★★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (DS0173)	1.56	0.27	0.52	★★★★★★	★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (DS0173,EA)	1.41	0.26	0.48	★★★★★★	★★★★★★

**56T Series Thermal-Break Casement Window**

5 / 12 / 5	3.15	0.61	0.64	★★★	★★★★★★
5 lowE, #2 / 12 / 5 (EA)	2.37	0.52	0.59	★★★	★★★★★★
5 lowE, #2 / 12Ar / 5 (EA)	2.17	0.52	0.59	★★★★	★★★★★★★
6 / 12 / 6	3.14	0.59	0.63	★★★★	★★★★★★
6 lowE, #2 / 12 / 6 (EA)	2.36	0.51	0.59	★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (EA)	2.16	0.51	0.59	★★★★	★★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (EA*2)	1.91	0.47	0.55	★★★★	★★★★★★★
6 lowE, #2 / 12 / 6 (DS173)	2.20	0.28	0.52	★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS173)	1.98	0.28	0.52	★★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS173,EA)	1.76	0.25	0.49	★★★★★★	★★★★★★★
6 lowE, #2 / 12 / 6 (DS170)	1.90	0.30	0.52	★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS170)	1.79	0.29	0.52	★★★★★★	★★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS170,EA)	1.64	0.28	0.49	★★★★★★	★★★★★★★
6 Bronze / 12 / 6	3.14	0.40	0.35	★★★★	★★★★
6 Marine Blue / 12 / 6	3.14	0.43	0.46	★★★★	★★★★
6 F Green / 12 / 6	3.14	0.39	0.53	★★★★	★★★★
6 EuroGrey / 12 / 6	3.14	0.38	0.31	★★★★	★★★★
6 Bronze / 12 / 6 lowE (EA)	2.36	0.35	0.33	★★★★★	★★★★★★★
6 Marine Blue / 12 / 6 lowE (EA)	2.36	0.38	0.43	★★★★★★	★★★★★★★
6 F Green / 12 / 6 lowE (EA)	2.36	0.34	0.49	★★★★★★	★★★★★★★
6 Bule Green / 12 / 6 lowE (EA)	2.36	0.38	0.49	★★★★★★	★★★★★★★
6 EuroGrey / 12 / 6 lowE (EA)	2.36	0.34	0.29	★★★★★★	★★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6	3.04	0.25	0.14	★★★★★★	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6 lowE, #3(EA)	2.36	0.21	0.13	★★★★★★	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3(EA)	2.16	0.20	0.13	★★★★★★	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS173)	1.98	0.13	0.12	★★★★★★★	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS170)	1.78	0.16	0.12	★★★★★★★	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6	3.06	0.26	0.30	★★★★★★	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6 lowE, #3 (EA)	2.36	0.22	0.28	★★★★★★	★★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (EA)	2.16	0.21	0.28	★★★★★★	★★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS173)	1.98	0.17	0.24	★★★★★★	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS170)	1.79	0.18	0.25	★★★★★★	★★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6	3.04	0.25	0.14	★★★★★★	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6 lowE, #3(EA)	2.36	0.21	0.13	★★★★★★	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3(EA)	2.16	0.20	0.13	★★★★★★	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS173)	1.98	0.13	0.12	★★★★★★★	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS170)	1.78	0.15	0.12	★★★★★★★	★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (EA)	1.94	0.48	0.50	★★★★	★★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (EA*2)	1.59	0.44	0.50	★★★★★	★★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (DS0173)	1.69	0.26	0.48	★★★★★★	★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (DS0173,EA)	1.52	0.24	0.44	★★★★★★	★★★★★★

**56T Series Thermal-Break Awning Window**

5 / 12 / 5	3.15	0.61	0.64	★★★	★★★★★★
5 lowE, #2 / 12 / 5 (EA)	2.37	0.52	0.59	★★★	★★★★★★
5 lowE, #2 / 12Ar / 5 (EA)	2.17	0.52	0.59	★★★★	★★★★★★★
6 / 12 / 6	3.14	0.59	0.63	★★★★	★★★★★★
6 lowE, #2 / 12 / 6 (EA)	2.36	0.51	0.59	★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (EA)	2.16	0.51	0.59	★★★★	★★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (EA*2)	1.91	0.47	0.55	★★★★	★★★★★★★
6 lowE, #2 / 12 / 6 (DS173)	2.20	0.28	0.52	★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS173)	1.98	0.28	0.52	★★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS173,EA)	1.76	0.25	0.49	★★★★★★	★★★★★★★
6 lowE, #2 / 12 / 6 (DS170)	1.90	0.30	0.52	★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS170)	1.79	0.29	0.52	★★★★★★	★★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS170,EA)	1.64	0.28	0.49	★★★★★★	★★★★★★★
6 Bronze / 12 / 6	3.14	0.40	0.35	★★★★	★★★★
6 Marine Blue / 12 / 6	3.14	0.43	0.46	★★★★	★★★★
6 F Green / 12 / 6	3.14	0.39	0.53	★★★★	★★★★
6 EuroGrey / 12 / 6	3.14	0.38	0.31	★★★★	★★★★
6 Bronze / 12 / 6 lowE (EA)	2.36	0.35	0.33	★★★★★	★★★★★★★
6 Marine Blue / 12 / 6 lowE (EA)	2.36	0.38	0.43	★★★★★★	★★★★★★★
6 F Green / 12 / 6 lowE (EA)	2.36	0.34	0.49	★★★★★★	★★★★★★★

6 Bule Green / 12 / 6 lowE (EA)	2.36	0.38	0.49	★★★★☆	★★★★★★
6 EuroGrey / 12 / 6 lowE (EA)	2.36	0.34	0.29	★★★★☆	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6	3.04	0.25	0.14	★★★★☆	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6 lowE, #3(EA)	2.36	0.21	0.13	★★★★★	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3(EA)	2.16	0.20	0.13	★★★★★	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS173)	1.98	0.13	0.12	★★★★★☆☆	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS170)	1.78	0.16	0.12	★★★★★☆☆	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6	3.06	0.26	0.30	★★★★☆	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6 lowE, #3 (EA)	2.36	0.22	0.28	★★★★★	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (EA)	2.16	0.21	0.28	★★★★★	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS173)	1.98	0.17	0.24	★★★★★☆☆	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS170)	1.79	0.18	0.25	★★★★★☆☆	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6	3.04	0.25	0.14	★★★★☆	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6 lowE, #3(EA)	2.36	0.21	0.13	★★★★★	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3(EA)	2.16	0.20	0.13	★★★★★	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS173)	1.98	0.13	0.12	★★★★★☆☆	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS170)	1.78	0.15	0.12	★★★★★☆☆	★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (EA)	1.94	0.48	0.50	★★★★	★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (EA*2)	1.59	0.44	0.50	★★★★☆	★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (DS0173)	1.69	0.26	0.48	★★★★★	★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (DS0173,EA)	1.52	0.24	0.44	★★★★★☆☆	★★★★★★

**88T Series Thermal-Break Awning Window**

5 / 12 / 5	3.09	0.62	0.66	★★★	★★★★★★
5 lowE, #2 / 12 / 5 (EA)	2.33	0.53	0.61	★★★★	★★★★★★
5 lowE, #2 / 12Ar / 5 (EA)	2.13	0.53	0.61	★★★★☆	★★★★★★
6 / 12 / 6	3.08	0.60	0.65	★★★	★★★★★★
6 lowE, #2 / 12 / 6 (EA)	2.32	0.51	0.61	★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (EA)	2.12	0.51	0.61	★★★★☆	★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (EA*2)	1.88	0.48	0.56	★★★★	★★★★★★
6 lowE, #2 / 12 / 6 (DS173)	2.16	0.28	0.54	★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS173)	1.94	0.28	0.54	★★★★★☆☆	★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS173,EA)	1.73	0.25	0.51	★★★★★☆☆	★★★★★★
6 lowE, #2 / 12 / 6 (DS170)	1.87	0.31	0.54	★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS170)	1.76	0.30	0.54	★★★★★☆☆	★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS170,EA)	1.61	0.28	0.51	★★★★★☆☆	★★★★★★
6 Bronze / 12 / 6	3.08	0.40	0.36	★★★★☆	★★★★★★
6 Marine Blue / 12 / 6	3.08	0.43	0.47	★★★★☆	★★★★★★
6 F Green / 12 / 6	3.08	0.39	0.55	★★★★☆	★★★★★★
6 EuroGrey / 12 / 6	3.08	0.38	0.32	★★★★☆	★★★★★★
6 Bronze / 12 / 6 lowE (EA)	2.32	0.36	0.34	★★★★★☆☆	★★★★★★
6 Marine Blue / 12 / 6 lowE (EA)	2.32	0.39	0.44	★★★★★☆☆	★★★★★★
6 F Green / 12 / 6 lowE (EA)	2.32	0.35	0.51	★★★★★☆☆	★★★★★★
6 Bule Green / 12 / 6 lowE (EA)	2.32	0.39	0.51	★★★★★☆☆	★★★★★★
6 EuroGrey / 12 / 6 lowE (EA)	2.32	0.34	0.30	★★★★★☆☆	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6	2.98	0.25	0.15	★★★★★☆☆	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6 lowE, #3(EA)	2.31	0.21	0.14	★★★★★☆☆	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3(EA)	2.12	0.20	0.14	★★★★★☆☆	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS173)	1.94	0.13	0.12	★★★★★☆☆	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS170)	1.75	0.16	0.12	★★★★★☆☆	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6	3.00	0.26	0.31	★★★★★☆☆	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6 lowE, #3 (EA)	2.32	0.22	0.29	★★★★★☆☆	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (EA)	2.12	0.21	0.29	★★★★★☆☆	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS173)	1.94	0.17	0.25	★★★★★☆☆	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS170)	1.76	0.18	0.26	★★★★★☆☆	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6	2.98	0.25	0.15	★★★★★☆☆	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6 lowE, #3(EA)	2.31	0.21	0.14	★★★★★☆☆	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3(EA)	2.12	0.20	0.14	★★★★★☆☆	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS173)	1.94	0.13	0.12	★★★★★☆☆	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS170)	1.75	0.15	0.12	★★★★★☆☆	★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (EA)	1.91	0.49	0.52	★★★★	★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (EA*2)	1.56	0.44	0.52	★★★★★☆☆	★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (DS0173)	1.65	0.26	0.49	★★★★★	★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (DS0173,EA)	1.49	0.25	0.46	★★★★★☆☆	★★★★★★

**80T Series Thermal-Break Hung Window**

5 / 12 / 5	3.11	0.55	0.65	★★★	★★★★★★
5 lowE, #2 / 12 / 5 (EA)	2.34	0.55	0.65	★★★★	★★★★★★
5 lowE, #2 / 12Ar / 5 (EA)	2.14	0.51	0.61	★★★★☆	★★★★★★
6 / 12 / 6	3.10	0.30	0.57	★★★	★★★★★★
6 lowE, #2 / 12 / 6 (EA)	2.34	0.30	0.57	★★★★	★★★★★★

6 lowE, #2 / 12Ar / 6 (EA)	2.14	0.27	0.55	★★★★↓	★★★★★★↓
6 lowE, #2 / 12Ar / 6 lowE, #4 (EA*2)	1.89	0.33	0.58	★★★★	★★★★★★
6 lowE, #2 / 12 / 6 (DS173)	2.18	0.32	0.58	★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS173)	1.96	0.30	0.55	★★★★★↓	★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS173,EA)	1.74	0.43	0.39	★★★★★★	★★★★★★↓
6 lowE, #2 / 12 / 6 (DS170)	1.88	0.46	0.51	★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS170)	1.77	0.41	0.59	★★★★★↓	★★★★★★↓
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS170,EA)	1.62	0.41	0.35	★★★★★★	★★★★★★↓
6 Bronze / 12 / 6	3.10	0.38	0.36	★★★★↓	★★★★↓
6 Marine Blue / 12 / 6	3.10	0.41	0.47	★★★	★★★★
6 F Green / 12 / 6	3.10	0.37	0.54	★★★★↓	★★★★↓
6 EuroGrey / 12 / 6	3.10	0.41	0.55	★★★★↓	★★★★↓
6 Bronze / 12 / 6 lowE (EA)	2.34	0.36	0.32	★★★★★↓	★★★★★★↓
6 Marine Blue / 12 / 6 lowE (EA)	2.34	0.26	0.16	★★★★★↓	★★★★★★↓
6 F Green / 12 / 6 lowE (EA)	2.34	0.22	0.15	★★★★★↓	★★★★★★↓
6 Bule Green / 12 / 6 lowE (EA)	2.34	0.21	0.15	★★★★★↓	★★★★★★↓
6 EuroGrey / 12 / 6 lowE (EA)	2.34	0.14	0.13	★★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6	3.01	0.17	0.13	★★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6 lowE, #3(EA)	2.33	0.28	0.33	★★★★★↓	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3(EA)	2.13	0.23	0.31	★★★★★★	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS173)	1.95	0.23	0.31	★★★★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS170)	1.76	0.18	0.27	★★★★★★★	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6	3.03	0.19	0.28	★★★★★↓	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6 lowE, #3 (EA)	2.33	0.26	0.16	★★★★★↓	★★★★★★↓
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (EA)	2.13	0.22	0.15	★★★★★★	★★★★★★↓
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS173)	1.95	0.21	0.15	★★★★★★★	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS170)	1.77	0.14	0.13	★★★★★★★	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6	3.01	0.16	0.13	★★★★★↓	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6 lowE, #3(EA)	2.33	0.52	0.56	★★★★★↓	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3(EA)	2.13	0.47	0.56	★★★★★★	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS173)	1.95	0.28	0.53	★★★★★★★↓	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS170)	1.76	0.26	0.49	★★★★★★★↓	★★★★★★

**76T Series Thermal-Break Sliding Window**

5 / 12 / 5	3.21	0.60	0.63	★★★↓	★★★★★★↓
5 lowE, #2 / 12 / 5 (EA)	2.42	0.51	0.58	★★★★	★★★★★★
5 lowE, #2 / 12Ar / 5 (EA)	2.21	0.51	0.58	★★★★↓	★★★★★★↓
6 / 12 / 6	3.20	0.58	0.62	★★★↓	★★★★★★↓
6 lowE, #2 / 12 / 6 (EA)	2.41	0.50	0.58	★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (EA)	2.21	0.50	0.58	★★★★↓	★★★★★★↓
6 lowE, #2 / 12Ar / 6 lowE, #4 (EA*2)	1.95	0.46	0.54	★★★★	★★★★★★
6 lowE, #2 / 12 / 6 (DS173)	2.25	0.28	0.51	★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS173)	2.02	0.27	0.51	★★★★★↓	★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS173,EA)	1.80	0.24	0.48	★★★★★★	★★★★★★
6 lowE, #2 / 12 / 6 (DS170)	1.94	0.30	0.51	★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS170)	1.83	0.29	0.51	★★★★★↓	★★★★★★↓
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS170,EA)	1.67	0.27	0.48	★★★★★★	★★★★★★↓
6 Bronze / 12 / 6	3.20	0.39	0.35	★★★★↓	★★★★↓
6 Marine Blue / 12 / 6	3.20	0.42	0.45	★★★	★★★★
6 F Green / 12 / 6	3.20	0.38	0.52	★★★★↓	★★★★↓
6 EuroGrey / 12 / 6	3.20	0.37	0.31	★★★★↓	★★★★↓
6 Bronze / 12 / 6 lowE (EA)	2.41	0.35	0.32	★★★★★↓	★★★★★★↓
6 Marine Blue / 12 / 6 lowE (EA)	2.41	0.37	0.42	★★★★★↓	★★★★★★↓
6 F Green / 12 / 6 lowE (EA)	2.41	0.34	0.48	★★★★★↓	★★★★★★↓
6 Bule Green / 12 / 6 lowE (EA)	2.41	0.37	0.48	★★★★★↓	★★★★★★↓
6 EuroGrey / 12 / 6 lowE (EA)	2.41	0.33	0.29	★★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6	3.10	0.24	0.14	★★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6 lowE, #3(EA)	2.40	0.20	0.13	★★★★★↓	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3(EA)	2.20	0.19	0.13	★★★★★★	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS173)	2.01	0.13	0.12	★★★★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS170)	1.82	0.16	0.12	★★★★★★★↓	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6	3.12	0.25	0.29	★★★★★↓	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6 lowE, #3 (EA)	2.41	0.21	0.27	★★★★★↓	★★★★★★↓
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (EA)	2.20	0.21	0.27	★★★★★★	★★★★★★↓
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS173)	2.01	0.16	0.24	★★★★★★★	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS170)	1.83	0.18	0.25	★★★★★★★	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6	3.10	0.24	0.14	★★★★★↓	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6 lowE, #3(EA)	2.40	0.20	0.13	★★★★★↓	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3(EA)	2.20	0.19	0.13	★★★★★★	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS173)	2.01	0.13	0.12	★★★★★★★↓	★★★★★★↓

6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS170)	1.82	0.15	0.12	★★★★★☆☆	★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (EA)	1.98	0.47	0.49	★★★★	★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (EA*2)	1.62	0.43	0.49	★★★★☆	★★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (DS0173)	1.72	0.25	0.47	★★★★★	★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (DS0173,EA)	1.55	0.24	0.43	★★★★★☆☆	★★★★★★

**76T Series Thermal-Break Sliding Door**

5 / 12 / 5	3.11	0.63	0.65	★★★☆☆	★★★★★★
5 lowE, #2 / 12 / 5 (EA)	2.34	0.53	0.60	★★★★	★★★★★★
5 lowE, #2 / 12Ar / 5 (EA)	2.14	0.53	0.60	★★★★☆	★★★★★★☆☆
6 / 12 / 6	3.10	0.60	0.64	★★★★☆	★★★★★★☆☆
6 lowE, #2 / 12 / 6 (EA)	2.34	0.52	0.60	★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (EA)	2.14	0.52	0.60	★★★★☆	★★★★★★☆☆
6 lowE, #2 / 12Ar / 6 lowE, #4 (EA*2)	1.89	0.48	0.56	★★★★★	★★★★★★★
6 lowE, #2 / 12 / 6 (DS173)	2.18	0.29	0.53	★★★★★☆☆	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS173)	1.96	0.28	0.53	★★★★★☆☆	★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS173,EA)	1.74	0.25	0.50	★★★★★☆☆	★★★★★★☆☆
6 lowE, #2 / 12 / 6 (DS170)	1.88	0.31	0.53	★★★★★☆☆	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS170)	1.77	0.30	0.53	★★★★★☆☆	★★★★★★☆☆
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS170,EA)	1.62	0.28	0.50	★★★★★☆☆	★★★★★★☆☆
6 Bronze / 12 / 6	3.10	0.41	0.36	★★★★☆	★★★★☆☆
6 Marine Blue / 12 / 6	3.10	0.43	0.47	★★★★	★★★★★★
6 F Green / 12 / 6	3.10	0.39	0.54	★★★★☆	★★★★☆☆
6 EuroGrey / 12 / 6	3.10	0.39	0.32	★★★★☆	★★★★☆☆
6 Bronze / 12 / 6 lowE (EA)	2.34	0.36	0.33	★★★★★☆☆	★★★★★★☆☆
6 Marine Blue / 12 / 6 lowE (EA)	2.34	0.39	0.44	★★★★★☆☆	★★★★★★☆☆
6 F Green / 12 / 6 lowE (EA)	2.34	0.35	0.50	★★★★★☆☆	★★★★★★☆☆
6 Bule Green / 12 / 6 lowE (EA)	2.34	0.39	0.50	★★★★★☆☆	★★★★★★☆☆
6 EuroGrey / 12 / 6 lowE (EA)	2.34	0.34	0.30	★★★★★☆☆	★★★★★★☆☆
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6	3.01	0.25	0.15	★★★★★☆☆	★★★★★★☆☆
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6 lowE, #3(EA)	2.33	0.21	0.14	★★★★★☆☆	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3(EA)	2.13	0.20	0.14	★★★★★☆☆	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS173)	1.95	0.13	0.12	★★★★★☆☆☆☆	★★★★★★☆☆
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS170)	1.76	0.16	0.12	★★★★★☆☆☆☆	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6	3.03	0.26	0.30	★★★★★☆☆	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6 lowE, #3 (EA)	2.33	0.22	0.28	★★★★★☆☆	★★★★★★☆☆
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (EA)	2.13	0.21	0.28	★★★★★☆☆	★★★★★★☆☆
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS173)	1.95	0.17	0.25	★★★★★☆☆☆☆	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS170)	1.77	0.18	0.26	★★★★★☆☆☆☆	★★★★★★☆☆
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6	3.01	0.25	0.15	★★★★★☆☆	★★★★★★☆☆
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6 lowE, #3(EA)	2.33	0.21	0.14	★★★★★☆☆	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3(EA)	2.13	0.20	0.14	★★★★★☆☆	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS173)	1.95	0.13	0.12	★★★★★☆☆☆☆	★★★★★★☆☆
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS170)	1.76	0.15	0.12	★★★★★☆☆☆☆	★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (EA)	1.92	0.49	0.51	★★★★	★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (EA*2)	1.58	0.45	0.51	★★★★★☆☆	★★★★★★★☆☆
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (DS0173)	1.67	0.26	0.49	★★★★★☆☆	★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (DS0173,EA)	1.51	0.25	0.45	★★★★★☆☆☆☆	★★★★★★

**126T Series Thermal-Break Sliding Stacking Door**

5 / 12 / 5	3.08	0.63	0.66	★★★☆☆	★★★★★★
5 lowE, #2 / 12 / 5 (EA)	2.32	0.54	0.61	★★★★	★★★★★★
5 lowE, #2 / 12Ar / 5 (EA)	2.12	0.53	0.61	★★★★☆	★★★★★★☆☆
6 / 12 / 6	3.07	0.61	0.65	★★★★☆	★★★★★★☆☆
6 lowE, #2 / 12 / 6 (EA)	2.31	0.52	0.61	★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (EA)	2.12	0.52	0.61	★★★★☆	★★★★★★☆☆
6 lowE, #2 / 12Ar / 6 lowE, #4 (EA*2)	1.87	0.49	0.56	★★★★★	★★★★★★★
6 lowE, #2 / 12 / 6 (DS173)	2.16	0.29	0.53	★★★★★☆☆	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS173)	1.94	0.28	0.53	★★★★★☆☆	★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS173,EA)	1.72	0.25	0.51	★★★★★☆☆	★★★★★★☆☆
6 lowE, #2 / 12 / 6 (DS170)	1.86	0.31	0.54	★★★★★☆☆	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS170)	1.76	0.30	0.54	★★★★★☆☆	★★★★★★☆☆
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS170,EA)	1.61	0.28	0.51	★★★★★☆☆	★★★★★★☆☆
6 Bronze / 12 / 6	3.07	0.41	0.36	★★★★☆	★★★★☆☆
6 Marine Blue / 12 / 6	3.07	0.44	0.47	★★★★	★★★★★★
6 F Green / 12 / 6	3.07	0.40	0.54	★★★★☆	★★★★☆☆
6 EuroGrey / 12 / 6	3.07	0.39	0.32	★★★★☆	★★★★☆☆
6 Bronze / 12 / 6 lowE (EA)	2.31	0.36	0.34	★★★★★☆☆	★★★★★★☆☆
6 Marine Blue / 12 / 6 lowE (EA)	2.31	0.39	0.44	★★★★★☆☆	★★★★★★☆☆
6 F Green / 12 / 6 lowE (EA)	2.31	0.35	0.51	★★★★★☆☆	★★★★★★☆☆
6 Bule Green / 12 / 6 lowE (EA)	2.31	0.39	0.51	★★★★★☆☆	★★★★★★☆☆

6 EuroGrey / 12 / 6 lowE (EA)	2.31	0.35	0.30	★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6	2.98	0.25	0.15	★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6 lowE, #3(EA)	2.31	0.21	0.14	★★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3(EA)	2.11	0.20	0.14	★★★★★★	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS173)	1.93	0.13	0.12	★★★★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS170)	1.75	0.17	0.12	★★★★★★★	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6	3.00	0.26	0.31	★★★★↓	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6 lowE, #3 (EA)	2.31	0.22	0.29	★★★★★↓	★★★★★★↓
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (EA)	2.11	0.22	0.29	★★★★★★	★★★★★★↓
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS173)	1.93	0.17	0.25	★★★★★★★	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS170)	1.76	0.19	0.26	★★★★★★★	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6	2.98	0.25	0.15	★★★★↓	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6 lowE, #3(EA)	2.31	0.21	0.14	★★★★★↓	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3(EA)	2.11	0.20	0.14	★★★★★★	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS173)	1.93	0.13	0.12	★★★★★★★↓	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS170)	1.75	0.16	0.12	★★★★★★★↓	★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (EA)	1.90	0.50	0.52	★★★★	★★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (EA*2)	1.56	0.45	0.52	★★★★↓	★★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (DS0173)	1.65	0.27	0.49	★★★★★★	★★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (DS0173,EA)	1.49	0.25	0.46	★★★★★★↓	★★★★★★★
<b>100T Series Thermal-Break Hinged Door</b>					
5 / 12 / 5	3.07	0.61	0.65	★★★↓	★★★★★★↓
5 lowE, #2 / 12 / 5 (EA)	2.31	0.52	0.60	★★★	★★★★★★
5 lowE, #2 / 12Ar / 5 (EA)	2.11	0.52	0.60	★★★★↓	★★★★★★↓
6 / 12 / 6	3.06	0.59	0.64	★★★↓	★★★★★★↓
6 lowE, #2 / 12 / 6 (EA)	2.30	0.51	0.59	★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (EA)	2.11	0.51	0.59	★★★★↓	★★★★★★↓
6 lowE, #2 / 12Ar / 6 lowE, #4 (EA*2)	1.86	0.47	0.55	★★★★	★★★★★★★
6 lowE, #2 / 12 / 6 (DS173)	2.15	0.28	0.52	★★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS173)	1.93	0.28	0.52	★★★★★★↓	★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS173,EA)	1.72	0.25	0.50	★★★★★★★	★★★★★★↓
6 lowE, #2 / 12 / 6 (DS170)	1.85	0.30	0.53	★★★★★★	★★★★★★
6 lowE, #2 / 12Ar / 6 (DS170)	1.75	0.29	0.53	★★★★★★↓	★★★★★★↓
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS170,EA)	1.60	0.28	0.50	★★★★★★★	★★★★★★↓
6 Bronze / 12 / 6	3.06	0.40	0.36	★★★★↓	★★★★★
6 Marine Blue / 12 / 6	3.06	0.43	0.46	★★★	★★★★★★
6 F Green / 12 / 6	3.06	0.39	0.53	★★★★↓	★★★★★
6 EuroGrey / 12 / 6	3.06	0.38	0.32	★★★★↓	★★★★★
6 Bronze / 12 / 6 lowE (EA)	2.30	0.35	0.33	★★★★★↓	★★★★★★↓
6 Marine Blue / 12 / 6 lowE (EA)	2.30	0.38	0.43	★★★★★↓	★★★★★★↓
6 F Green / 12 / 6 lowE (EA)	2.30	0.34	0.50	★★★★★↓	★★★★★★↓
6 Bule Green / 12 / 6 lowE (EA)	2.30	0.38	0.50	★★★★★↓	★★★★★★↓
6 EuroGrey / 12 / 6 lowE (EA)	2.30	0.34	0.29	★★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6	2.96	0.25	0.15	★★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6 lowE, #3(EA)	2.30	0.21	0.14	★★★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3(EA)	2.10	0.20	0.14	★★★★★★★	★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS173)	1.93	0.13	0.12	★★★★★★★↓	★★★★★★↓
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS170)	1.74	0.16	0.12	★★★★★★★	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6	2.98	0.26	0.30	★★★★★↓	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6 lowE, #3 (EA)	2.30	0.22	0.28	★★★★★★↓	★★★★★★↓
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (EA)	2.10	0.21	0.28	★★★★★★★	★★★★★★↓
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS173)	1.93	0.17	0.25	★★★★★★★	★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS170)	1.75	0.18	0.25	★★★★★★★	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6	2.96	0.25	0.15	★★★★★↓	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6 lowE, #3(EA)	2.30	0.21	0.14	★★★★★★↓	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3(EA)	2.10	0.20	0.14	★★★★★★★	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS173)	1.93	0.13	0.12	★★★★★★★↓	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS170)	1.74	0.15	0.12	★★★★★★★↓	★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (EA)	1.89	0.48	0.51	★★★★	★★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (EA*2)	1.55	0.44	0.51	★★★★↓	★★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (DS0173)	1.64	0.26	0.48	★★★★★★	★★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (DS0173,EA)	1.48	0.24	0.45	★★★★★★↓	★★★★★★★
<b>70T Series Thermal-Break Folding Door</b>					
5 / 12 / 5	3.06	0.62	0.65	★★★↓	★★★★★★
5 lowE, #2 / 12 / 5 (EA)	2.30	0.53	0.60	★★★	★★★★★★↓
5 lowE, #2 / 12Ar / 5 (EA)	2.11	0.53	0.60	★★★★↓	★★★★★★★
6 / 12 / 6	3.05	0.60	0.65	★★★↓	★★★★★★
6 lowE, #2 / 12 / 6 (EA)	2.30	0.51	0.60	★★★	★★★★★★↓
6 lowE, #2 / 12Ar / 6 (EA)	2.10	0.51	0.60	★★★★↓	★★★★★★↓

6 lowE, #2 / 12Ar / 6 lowE, #4 (EA*2)	1.86	0.48	0.56	★★★★★	★★★★★★★
6 lowE, #2 / 12 / 6 (DS173)	2.14	0.28	0.53	★★★★★	★★★★★★★
6 lowE, #2 / 12Ar / 6 (DS173)	1.92	0.28	0.53	★★★★★	★★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS173,EA)	1.71	0.25	0.50	★★★★★★★	★★★★★★★
6 lowE, #2 / 12 / 6 (DS170)	1.85	0.31	0.53	★★★★★	★★★★★★★
6 lowE, #2 / 12Ar / 6 (DS170)	1.74	0.30	0.53	★★★★★	★★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS170,EA)	1.60	0.28	0.50	★★★★★★★	★★★★★★★
6 Bronze / 12 / 6	3.05	0.40	0.36	★★★★	★★★★★
6 Marine Blue / 12 / 6	3.05	0.43	0.47	★★★★	★★★★★
6 F Green / 12 / 6	3.05	0.39	0.54	★★★★	★★★★★
6 EuroGrey / 12 / 6	3.05	0.38	0.32	★★★★	★★★★★
6 Bronze / 12 / 6 lowE (EA)	2.30	0.36	0.33	★★★★★	★★★★★★★
6 Marine Blue / 12 / 6 lowE (EA)	2.30	0.39	0.44	★★★★★	★★★★★★★
6 F Green / 12 / 6 lowE (EA)	2.30	0.35	0.50	★★★★★	★★★★★★★
6 Bule Green / 12 / 6 lowE (EA)	2.30	0.39	0.51	★★★★★	★★★★★★★
6 EuroGrey / 12 / 6 lowE (EA)	2.30	0.34	0.30	★★★★★	★★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6	2.96	0.25	0.15	★★★★★	★★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6 lowE, #3(EA)	2.29	0.21	0.14	★★★★★★	★★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3(EA)	2.10	0.20	0.14	★★★★★★	★★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS173)	1.92	0.13	0.12	★★★★★★★	★★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS170)	1.73	0.16	0.12	★★★★★★★	★★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6	2.98	0.26	0.30	★★★★★	★★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6 lowE, #3 (EA)	2.29	0.22	0.28	★★★★★★	★★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (EA)	2.10	0.21	0.28	★★★★★★	★★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS173)	1.92	0.17	0.25	★★★★★★★	★★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS170)	1.74	0.18	0.26	★★★★★★★	★★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6	2.96	0.25	0.15	★★★★★	★★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6 lowE, #3(EA)	2.29	0.21	0.14	★★★★★★	★★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3(EA)	2.10	0.20	0.14	★★★★★★	★★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS173)	1.92	0.13	0.12	★★★★★★★	★★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS170)	1.73	0.15	0.12	★★★★★★★	★★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (EA)	1.89	0.49	0.51	★★★★★	★★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (EA*2)	1.55	0.44	0.51	★★★★★	★★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (DS0173)	1.64	0.26	0.49	★★★★★	★★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (DS0173,EA)	1.48	0.25	0.45	★★★★★★	★★★★★★★

**140T Series Thermal-Break Lift-Sliding Door**

5 / 12 / 5	3.02	0.64	0.68	★★★	★★★★★★★
5 lowE, #2 / 12 / 5 (EA)	2.27	0.55	0.63	★★★	★★★★★★★
5 lowE, #2 / 12Ar / 5 (EA)	2.08	0.55	0.63	★★★★	★★★★★★★
6 / 12 / 6	3.01	0.62	0.68	★★★	★★★★★★★
6 lowE, #2 / 12 / 6 (EA)	2.27	0.53	0.63	★★★	★★★★★★★
6 lowE, #2 / 12Ar / 6 (EA)	2.08	0.53	0.63	★★★★	★★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (EA*2)	1.83	0.50	0.59	★★★★	★★★★★★★
6 lowE, #2 / 12 / 6 (DS173)	2.11	0.30	0.56	★★★★★	★★★★★★★
6 lowE, #2 / 12Ar / 6 (DS173)	1.90	0.29	0.56	★★★★★★	★★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS173,EA)	1.69	0.26	0.53	★★★★★★	★★★★★★★
6 lowE, #2 / 12 / 6 (DS170)	1.82	0.32	0.56	★★★★★	★★★★★★★
6 lowE, #2 / 12Ar / 6 (DS170)	1.72	0.31	0.56	★★★★★★	★★★★★★★
6 lowE, #2 / 12Ar / 6 lowE, #4 (DS170,EA)	1.58	0.29	0.53	★★★★★★	★★★★★★★
6 Bronze / 12 / 6	3.01	0.42	0.38	★★★★	★★★★★
6 Marine Blue / 12 / 6	3.01	0.45	0.49	★★★★	★★★★★
6 F Green / 12 / 6	3.01	0.40	0.57	★★★★	★★★★★
6 EuroGrey / 12 / 6	3.01	0.40	0.34	★★★★	★★★★★
6 Bronze / 12 / 6 lowE (EA)	2.27	0.37	0.35	★★★★★	★★★★★★★
6 Marine Blue / 12 / 6 lowE (EA)	2.27	0.40	0.46	★★★★★	★★★★★★★
6 F Green / 12 / 6 lowE (EA)	2.27	0.36	0.53	★★★★★	★★★★★★★
6 Bule Green / 12 / 6 lowE (EA)	2.27	0.40	0.53	★★★★★	★★★★★★★
6 EuroGrey / 12 / 6 lowE (EA)	2.27	0.35	0.31	★★★★★	★★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6	2.92	0.26	0.15	★★★★★	★★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12 / 6 lowE, #3(EA)	2.26	0.22	0.14	★★★★★★	★★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3(EA)	2.07	0.21	0.14	★★★★★★	★★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS173)	1.90	0.14	0.13	★★★★★★★	★★★★★★★
6 Solar Reflective on 05 Marine Blue 0540, #2 / 12Ar / 6 lowE, #3 (DS170)	1.71	0.17	0.13	★★★★★★★	★★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6	2.94	0.27	0.32	★★★★★	★★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12 / 6 lowE, #3 (EA)	2.26	0.23	0.30	★★★★★★	★★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (EA)	2.07	0.22	0.30	★★★★★★	★★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS173)	1.90	0.17	0.26	★★★★★★★	★★★★★★★
6 Solar Reflective on 22 F Green 2250, #2 / 12Ar / 6 lowE, #3 (DS170)	1.72	0.19	0.27	★★★★★★★	★★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6	2.92	0.26	0.15	★★★★★	★★★★★★★

6 Solar Reflective on 58 EuroGrey 5840, #2 / 12 / 6 lowE, #3(EA)	2.26	0.22	0.14	★★★★★↓	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3(EA)	2.07	0.21	0.14	★★★★★	★★★★★★
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS173)	1.90	0.14	0.13	★★★★★↓	★★★★★★↓
6 Solar Reflective on 58 EuroGrey 5840, #2 / 12Ar / 6 lowE, #3 (DS170)	1.71	0.16	0.13	★★★★★↓	★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (EA)	1.87	0.51	0.54	★★★★	★★★★★★↓
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (EA*2)	1.53	0.46	0.54	★★★★↓	★★★★★★
5 lowE, #2 / 9Ar / 5 / 9Ar / 5 (DS0173)	1.62	0.27	0.51	★★★★★	★★★★★★
5 lowE, #2 / 9Ar / 5 lowE, #4 / 9Ar / 5 (DS0173,EA)	1.46	0.26	0.47	★★★★★↓	★★★★★★