



## Paradigm Window Solutions Product Performance Matrix

Structural Performance [per AAMA 101/I.S.2]

Thermal Performance [unit U-Factor, per NFRC 100-2004]

	Unit DP Rating [psf]	Size Tested [inches]	Water Infiltration [psf]	Air Infiltration [cfm/ft2]	Double IG Clear [BTU/hr-ft2-F] <sup>1</sup>	Double IG 63/31 <sup>5</sup> Low E [BTU/hr-ft2-F] <sup>1</sup>	Double IG 63/31 <sup>5</sup> Low E/Argon [BTU/hr-ft2-F] <sup>1</sup>	Triple IG <sup>6</sup> 71/38 <sup>5</sup> Low E/Clr/ 71/38 <sup>5</sup> Low E /Blend <sup>7</sup> [BTU/hr-ft2-F] <sup>1</sup>
8311 Standard Double Hung (HUD <sup>4</sup> )	H-R40	44 x 66	6.00	0.01	0.45	0.32	0.28	0.23
8321 Premium Double Hung	H-R40	44 x 60	6.00	0.05	0.45 [0.43]	0.32 [0.30]	0.28 [0.26]	0.22 [0.20]
8321 EP Double Hung <sup>2,3</sup>	H-C50	52 x 72	7.50	0.07	0.45 [0.43]	0.32 [0.30]	0.28 [0.26]	0.22 [0.20]
8381 Single Hung <sup>2,3</sup> [HUD <sup>4</sup> ]	H-R60	44 x 66	9.00	0.02	0.47	0.32	0.28	0.20
8382 Hybrid Single Hung	H-R35	44 x 66	7.50	0.09	0.45 [0.44]	0.31 [0.30]	0.27 [0.27]	0.20 [0.20]
8341 Glider [XX, HUD <sup>4</sup> ]	HS-R50	60 x 36	7.50	0.02	0.45 [0.44]	0.32 [0.31]	0.28 [0.28]	0.23 [0.23]
8342 Glider [XOX]	HS-R25	120 X 60	5.25	0.02	0.45 [0.44]	0.32 [0.31]	0.28 [0.28]	0.23 [0.23]
8341 EP Glider <sup>3</sup> [OX]	HS-C35	72 x 72	5.25	0.03	0.45 [0.44]	0.32 [0.31]	0.28 [0.28]	0.23 [0.23]
8384 Tilt-Slider [XOX]	HS-R50	69 X 48	7.50	0.05	0.47	0.32	0.28	0.20
8384 EP Tilt-Slider [OX]	HS-R30	108 X 63	7.50	0.05	0.47	0.32	0.28	0.20
8351 Casement <sup>2,3</sup>	C-C50	36 x 72	12.00	0.08	0.42 [0.40]	0.30 [0.28]	0.27 [0.25]	0.22 [0.20]
8352 Awning <sup>2,3</sup>	AP-C60	48 x 32	12.00	0.01	0.42 [0.40]	0.30 [0.28]	0.27 [0.25]	0.22 [0.20]
8331 Hopper	AP-R40	48 x 16	6.00	0.01	0.41	0.28	0.25	0.22
8361 Fixed Casement <sup>2,3</sup>	F-C50	72 x 63	7.50	0.01	0.43 [0.41]	0.30 [0.28]	0.26 [0.24]	0.18 [0.16]
8361 EP Fixed Casement <sup>2</sup>	F-C90	72 x 63	12.00	0.01	0.43 [0.41]	0.30 [0.28]	0.26 [0.24]	0.18 [0.16]
8371 Geo Picture Window <sup>2,3</sup>	F-C50	72 x 63	7.50	0.01	0.46 [0.45]	0.30 [0.29]	0.26 [0.25]	0.18 [0.17]
8371 EP Geo Picture Window <sup>2</sup>	F-C80	72 x 63	12.00	0.01	0.46 [0.45]	0.30 [0.29]	0.26 [0.25]	0.18 [0.17]
8396 SGD Picture <sup>2</sup>	F-HC45	72 x 80	12.00	0.01	0.46	0.32	0.28	0.18
8396 EP SGD Picture <sup>2</sup>	F-C60	72 x 96	12.00	0.01	0.46	0.32	0.28	0.18
8394 Sliding Glass Door	SGD-R30	108 x 96 3P	6.00	0.06	0.46	0.34	0.30	0.24

**R-5 Initiative Rated** 0.20 or lower

Products in this category achieve a U-Factor Rating of 0.20 or lower

<sup>1</sup> For all u-factors shown, glass does **not** include grids. U-Factors in [brackets] represent units with optional foam filling in frames.

<sup>2</sup> Commercial DP rating.

<sup>3</sup> Impact rated product available.

<sup>4</sup> Also Tested to HUD 24 CFR 3280, WindZone III [AAMA 1701, AAMA 1704]

<sup>5</sup> 63/31 Low E is a lower solar heat gain product. 71/38 low E is a higher solar heat gain product.

<sup>6</sup> Triple glaze not available in all sizes. Check with factory for limitations.

<sup>7</sup> Blend refers to Krypton in one airspace and Argon in the other on triple glazed units.

Other glass options are available. Refer to "Paradigm Technical Performance Data" file for more detailed information