

8352 Awning Air, Water, Structural Performance

(per AAMA/WDMA/CSA 101/I.S.2/A440-05)

Rating (DP) ₁	Max. Structural Pressure	Water Infiltration ₂	Air Infiltration ₃	Size Tested
C60	90.00	12.00	0.01	48 x 32
Impact Model Rating - DP50, Large Missile Impact, Wind Zone 4, 48" x 40" TTT				

₁ Structural Test Pressure (psf) tested to at least 150% of DP rating

₂ Water Infiltration (psf) tested to at least 15% of DP rating

₃ Air infiltration units = scfm/ft²

EnergyStar Qualification

Northern	N. Central	S. Central	Southern

8352 Awning Thermal Performance

per NFRC 100 & 200 (values in parentheses have grids)

Glass Type	Unit u-value	u-value FF ₇	Unit SHGC ₅	Unit VLT ₆
<i>Clear insulating glass (clear/clear)</i>				
Clear	0.42	0.40	0.54 (0.49)	0.55 (0.50)
Clear/Impact ₁₁	0.44 (0.45)	NA	0.45 (0.41)	0.53 (0.48)

<i>Low E insulating glass (RLE 63/31₁₂ low e/clear, surface #2)</i>				
RLE 63/31	0.30	0.28	0.22 (0.20)	0.47 (0.42)
RLE 63/31/Argon	0.27	0.25	0.22 (0.20)	0.47 (0.42)
RLE 63/31/Argon/Impact ₁₁	0.28	NA	0.21 (0.20)	0.41 (0.37)

Additional Performance Glass Options

<i>Low E insulating glass (RLE 71/38₁₂ low e/clear, surface #2)</i>				
RLE 71/38	0.31	0.28	0.27 (0.24)	0.48 (0.43)
RLE 71/38/Argon	0.27	0.25	0.27 (0.24)	0.48 (0.43)

<i>Reversed Low E insulating glass (clear/RLE 71/38 low e, surface #3)₉</i>				
RLE 71/38	0.31	0.29	0.33 (0.30)	0.48 (0.43)
RLE 71/38 /Argon	0.27	0.25	0.33 (0.30)	0.48 (0.43)

<i>Triple insulating glass (71/38 low e/clear/71/38 low e, surface #2,#5)</i>				
RLE 71/38/CLR/RLE 71/38/Argon ₈	0.25	0.23	0.25 (0.23)	0.43 (0.39)
RLE 71/38/CLR/RLE 71/38/Blend _{8,10}	0.22	0.20	0.25 (0.23)	0.43 (0.39)
RLE 71/38/CLR/RLE 71/38/Krypton ₈	0.20	0.18	0.25 (0.23)	0.41 (0.37)

₅ Solar Heat Gain Coefficient (with grids)

₆ Visible Light Transmission (with grids)

₇ Optional Foam Insulation. **F** indicates EnergyStar qualification with foam insulation option.

₈ Subject to glass size limitations

₉ Low E coating on surface #3 to increase SHGC

₁₀ Blend for triple IG is Krypton in one airspace, Argon in the other.

₁₁ Laminated glass used in Paradigm Impact windows meets the requirements of ASTM C 1172

₁₂ 71/38 Low E is regular residential SHGC glass. 63/31 Low E is low SHGC glass.

8352 Awning Acoustic Performance

(per ASTM E 90-99)

Glass Configuration	STC Value
Clear SS-Clear SS	30
Clear SS-1/4" Lami	38

Note: Some listed options may require special pricing and have extended lead times