

WAC 51-11C-303134 Table C303.1.3(4)—Default U-factors for skylights.

Table C303.1.3(4)
Default U-Factors for Skylights

| Fenestration Type | Frame Type | | | |
|---|--------------------------------|-----------------------------|---|---|
| | Aluminum Without Thermal Break | Aluminum With Thermal Break | Reinforced Vinyl/ Aluminum-Clad Wood or Vinyl | Wood or Vinyl-Clad Wood/Vinyl Without Reinforcing |
| Single Glazing | | | | |
| glass | U-1.58 | U-1.51 | U-1.40 | U-1.18 |
| acrylic/polycarb | U-1.52 | U-1.45 | U-1.34 | U-1.11 |
| Double Glazing | | | | |
| air | U-1.05 | U-0.89 | U-0.84 | U-0.67 |
| argon | U-1.02 | U-0.86 | U-0.80 | U-0.64 |
| Double Glazing, $e = 0.20$ | | | | |
| air | U-0.96 | U-0.80 | U-0.75 | U-0.59 |
| argon | U-0.91 | U-0.75 | U-0.70 | U-0.54 |
| Double Glazing, $e = 0.10$ | | | | |
| air | U-0.94 | U-0.79 | U-0.74 | U-0.58 |
| argon | U-0.89 | U-0.73 | U-0.68 | U-0.52 |
| Double Glazing, $e = 0.05$ | | | | |
| air | U-0.93 | U-0.78 | U-0.73 | U-0.56 |
| argon | U-0.87 | U-0.71 | U-0.66 | U-0.50 |
| Triple Glazing | | | | |
| air | U-0.90 | U-0.70 | U-0.67 | U-0.51 |
| argon | U-0.87 | U-0.69 | U-0.64 | U-0.48 |
| Triple Glazing, $e = 0.20$ | | | | |
| air | U-0.86 | U-0.68 | U-0.63 | U-0.47 |
| argon | U-0.82 | U-0.63 | U-0.59 | U-0.43 |
| Triple Glazing, $e = 0.20$ on 2 surfaces | | | | |
| air | U-0.82 | U-0.64 | U-0.60 | U-0.44 |
| argon | U-0.79 | U-0.60 | U-0.56 | U-0.40 |
| Triple Glazing, $e = 0.10$ on 2 surfaces | | | | |
| air | U-0.81 | U-0.62 | U-0.58 | U-0.42 |
| argon | U-0.77 | U-0.58 | U-0.54 | U-0.38 |
| Quadruple Glazing, $e = 0.10$ on 2 surfaces | | | | |
| air | U-0.78 | U-0.59 | U-0.55 | U-0.39 |
| argon | U-0.74 | U-0.56 | U-0.52 | U-0.36 |
| krypton | U-0.70 | U-0.52 | U-0.48 | U-0.32 |

1 U-factors are applicable to both glass and plastic, flat and domed units, all spacers and gaps.

2 Emissivities shall be less than or equal to the value specified.

3 Gap fill shall be assumed to be air unless there is a minimum of 90 percent argon or krypton.

4 Aluminum frame with thermal break is as defined in footnote 1 to Table C303.1.3(5).

[Statutory Authority: RCW 19.27A.020, 19.27A.025 and chapters 19.27 and 34.05 RCW. WSR 13-04-056, § 51-11C-303134, filed 2/1/13, effective 7/1/13.]