

# Varying U-Values for Windows

Sometimes U-Values for the same window product may appear to vary between projects.

This is likely because the U-Value given for a window will be either for a “Typical Window Size” or, if the project is more developed, the actual window dimensions to be installed.

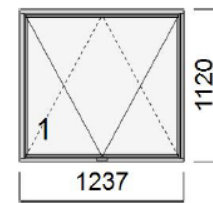
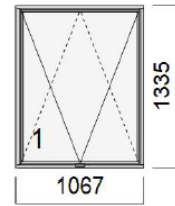
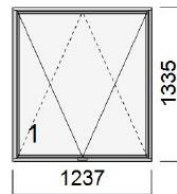
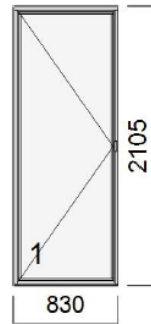
The glazed section is a better insulator than the frame. This means that a bigger window with a higher ratio of glass to frame will normally show a lower U-Value.

Some suppliers may also quote the  $U_g$  [glass only] value, which will always appear better than the  $U_f$  [frame only] and  $U_w$  [full window construction].



# Example

## 450 Testeron – Idealcombi Futura+



	Typical Window	Balcony Door	Top Hung Window 1	Top Hung Window 2	Top Hung Window 3
Dimensions	1230x1480	2105x830	1335x1237	1335x1067	1120x1237
U-Value	0.74 W/m <sup>2</sup> K	0.81 W/m <sup>2</sup> K	0.85 W/m <sup>2</sup> K	0.87 W/m <sup>2</sup> K	0.86 W/m <sup>2</sup> K

All of the above windows are from the Idealcombi Futura + range, but each has a different U-Value.