

2: Analysis and Graphs

2.2: Comfort Charts

2.2.2: Indoor Temperatures Occurrence

The histograms below depict temperatures measured in the monitored rooms after the retrofit. As can be observed the temperatures are kept most of the time between 20 and 25 degrees with the most predominant temperature being 22 degrees.

The temperature in the living room was kept slightly higher than in the master and rear bedrooms. Temperatures below 20 degrees were measured only in August when heating was not yet required and the house was naturally ventilated.

We can conclude that this super-insulated house provides excellent year-round comfort conditions; slightly cooler in summer and warmer in winter.

