

Experiment 4. Performing thermal tests of the server cabinet

In this experiment, the interior of the cabinet was heated by incandescent lamps placed inside the server cabinet (for configuration 2). After the environment is heated, measurements were taken with a thermocouple at 10-minute intervals and the upper values at which the temperature in the cabin could reach were determined.

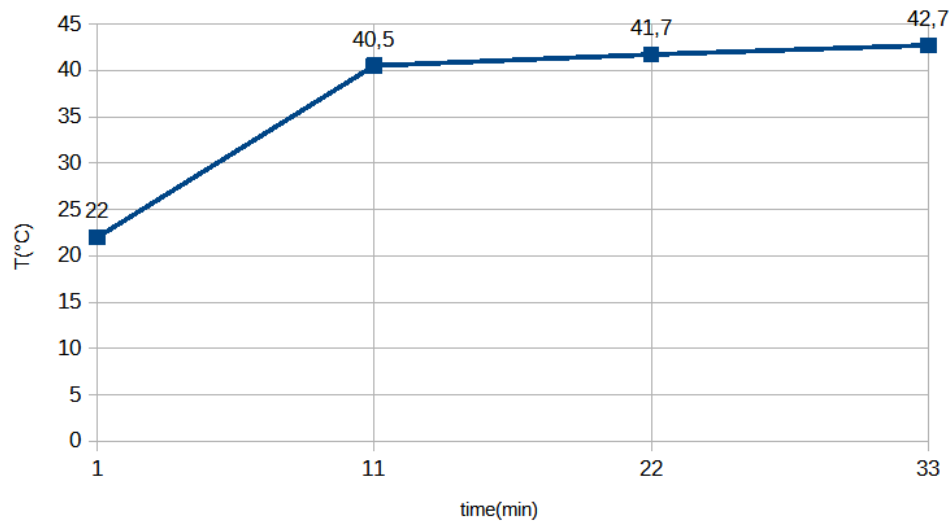


Table 13. Experiment 4. data table

The result obtained from the experiment: The created server cabinet which is made of MDF is sufficient in terms of insulating the heat.