

SPACE HEATING REQUIREMENTS

FOR

RESIDENTIAL BUILDINGS

Project Report
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SUMMARY

The objective of this project is to identify the terms in the heat balance equation, and describe a method for the calculation of the annual energy requirements.

This method is not applicable to special buildings such as those incorporating passive solar design, greenhouses or sunspaces.

It must be mentioned that the whole building is not a ground floor. It is an area which is closed for a parking.

The whole work is divided into six chapters.

The first chapter involves the general information and calculations in order to find the space heating requirements for residential buildings.

The second chapter involves the calculation for the heating requirements of the first house.

The third, fourth, fifth and sixth chapters involve the calculations for the heating requirements for the second, third, fourth and fifth house respectively.

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