

RULE of THUMB

How much heat do I need?

PLEASE REMEMBER THAT THIS CALCULATOR IS ONLY A GUIDE AND NO GUARANTEE OF TOTAL ACCURACY.

AREA TO BE HEATED
Metric Measurement

Length
(m)

Width
(m)

Height
(m)

TOTAL
(m³)

0.00

0.00

0.00

0.00

INDOOR TARGET TEMPERATURE

0 °C

LOWEST OUTDOOR TEMPERATURE

0 °C

0

Δt

A No Insulation - A building in wood or corrugated metal - Doors open frequently - **NO insulation**

3.5

B Single brick layer, single glazed windows & roof - Doors open fairly frequently - **POOR insulation**

2.5

C Double brick layer - single glazed windows - insulated roof - Doors opened infrequently - **AVERAGE insulation**

2

D Double brick layer with cladding and insulation - few double glazed windows - Doors rarely opened - GOOD Insulation

1.5

Which description above best describes the insulation value of the building?

3.5

Required Heat Load = m^3 x Δt x Insulation Value = Kcal/h

Marquees - m³ x 0.15 or kW/h