

Calculating heat requirements



Spatial calculation

Width x height x depth = amount m^3 x Watt = required power for 30 °C temperature difference (e.g. -10 / +22°)

New building, insulated	30 Watt / m^3	p.es. 40 m^3 x 30 Watt	= 1200 Watt
Old building	40 Watt / m^3	p.es. 40 m^3 x 40 Watt	= 1600 Watt
Conservatory	60 Watt / m^3	p.es. 22 m^3 x 60 Watt	= 1320 Watt
Warehouse	65 Watt / m^3	p.es. 140 m^3 x 65 Watt	= 9100 Watt
Greenhouses	70 Watt / m^3	p.es. 90 m^3 x 70 Watt	= 6300 Watt
Awning	90 Watt / m^3	p.es. 20 m^3 x 90 Watt	= 1800 Watt
+/- 20 % depending on the insulation			

Calculation example

Room area 4 x 50 m = 20 m^2 x Room height 2.5 m = 50 m^3 x 30 Watt = 1500 W Required power

Heating cost table

KW x	Rappen per kWh	= Current consumption (in cents) per hour
Example:		
1200 Watt x	20 Rappen	= 24 Rappen per hour
600 Watt x	20 Rappen	= 12 Rappen per hour
300 Watt x	20 Rappen	= 06 Rappen per hour

We reserve the right to modify the price, the design and the technical features