

# RiTherm - summary

Project: -

Calculation: WHD 500x500x210mm - Carbon Steel

Company: -

Contact person: -

Contact information: -



## Ambient parameters

Minimum temperature outside the enclosure Ta	-10 °C
Maximum temperature outside the enclosure Ta	35 °C
Maximum temperature inside the enclosure Ti	39 °C
Mains voltage	230 V
Frequency	50 Hz

## Enclosure set: Set 1

Enclosure no. 1	Custom enclosure
Installation type	Single enclosure, free-standing
Dimensions (W x H x D)	500 mm x 500 mm x 210 mm
K-factor of the enclosure	5.5
Power dissipation	108 W

## Climate control calculation

Average temperature without climate control	60 °C
Power dissipation	108 W
Heat exchange across surface	17 W
Heat to be dissipated	91 W

A cooling solution for the set is needed, but no device was selected.

Rittal does not assume any liability for the calculation, dimensioning and selection.

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