

# Heat calculation for KLM

## Thermal power dissipation capability:

Enclosure dimensions [mm]			Power dissipation [W]					
W	H	D	20 K	25 K	30 K	35 K	40 K	45 K
700	350	400	70	92	116	140	165	191
500	200	250	32	42	53	64	75	87
400	250	150	24	31	39	48	56	65
300	200	120	15	19	24	29	35	40
300	150	100	12	16	20	24	28	32
200	150	100	8	11	14	17	20	23
150	150	60	5	7	9	10	12	14
200	100	60	5	7	9	11	12	14
100	100	60	4	5	6	7	9	10

Note 1: The values 20 K upto 45 K relate to the internal temperature rise  $\Delta t_{1,0}$  of air at the top of the enclosure.

Note 2: The calculated power dissipations are valid for enclosures without ventilation openings.

# CUBIC

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