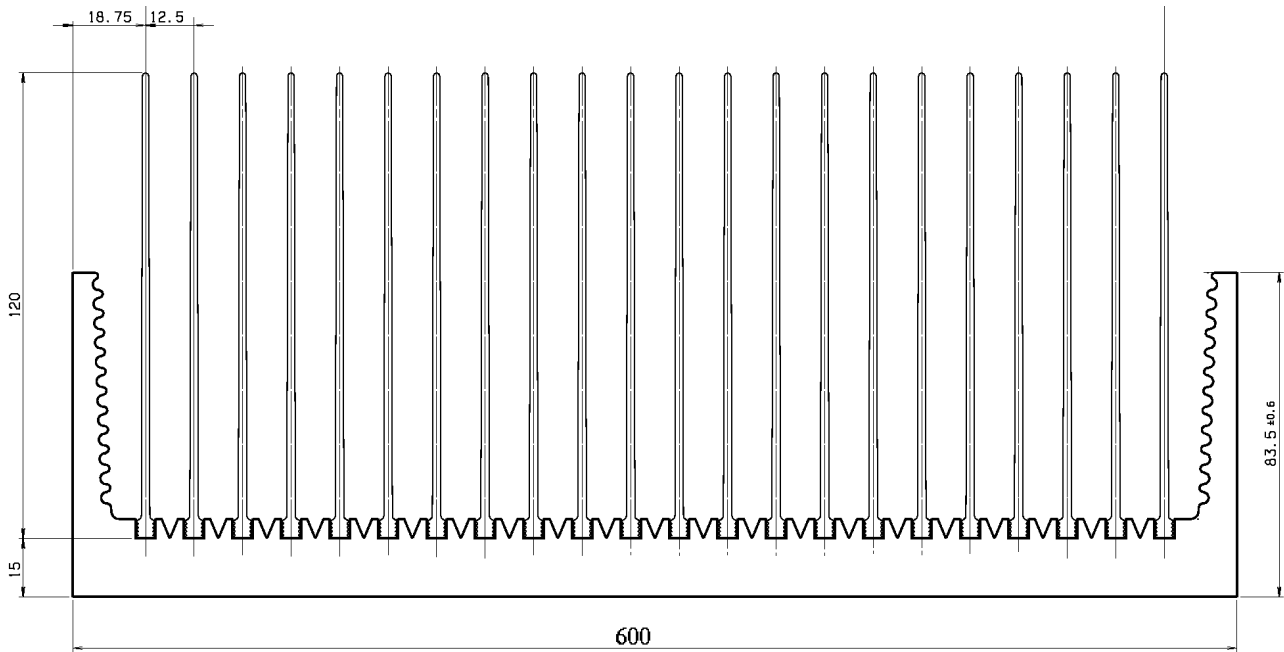


## High Performance Convection Heat Sink



Length	Mass	Thermal Resistance	
		free convection	5 m/s air flow
50 mm	3.0 kg	0.27 K/W	not available
60 mm	3.6 kg	0.23 K/W	not available
70 mm	4.2 kg	0.20 K/W	not available
80 mm	4.8 kg	0.17 K/W	not available
90 mm	5.4 kg	0.16 K/W	not available
100 mm	6.0 kg	0.14 K/W	not available
110 mm	6.6 kg	0.13 K/W	not available
120 mm	7.2 kg	0.12 K/W	not available
130 mm	7.8 kg	0.11 K/W	not available
140 mm	8.4 kg	0.11 K/W	not available
150 mm	9.0 kg	0.10 K/W	not available
160 mm	9.6 kg	0.097 K/W	not available
170 mm	10.2 kg	0.093 K/W	not available
180 mm	10.8 kg	0.089 K/W	not available
190 mm	11.4 kg	0.085 K/W	not available
200 mm	12.1 kg	0.082 K/W	not available
210 mm	12.7 kg	0.079 K/W	not available
220 mm	13.3 kg	0.076 K/W	not available

Length	Mass	Thermal Resistance	
		free convection	5 m/s air flow
230 mm	13.9 kg	0.074 K/W	not available
240 mm	14.5 kg	0.072 K/W	not available
250 mm	15.1 kg	0.070 K/W	not available
275 mm	16.6 kg	0.065 K/W	not available
300 mm	18.1 kg	0.061 K/W	not available
325 mm	19.6 kg	0.058 K/W	not available
350 mm	21.1 kg	0.055 K/W	not available
375 mm	22.6 kg	0.053 K/W	not available
400 mm	24.1 kg	0.051 K/W	not available
425 mm	25.6 kg	0.049 K/W	not available
450 mm	27.1 kg	0.048 K/W	not available
475 mm	28.6 kg	0.046 K/W	not available
500 mm	30.1 kg	0.045 K/W	not available
550 mm	33.1 kg	0.043 K/W	not available
600 mm	36.2 kg	0.041 K/W	not available
650 mm	39.2 kg	0.039 K/W	not available
700 mm	42.2 kg	0.038 K/W	not available
750 mm	45.2 kg	0.037 K/W	not available

The values for the thermal resistance above are valid for full sized isothermal heating. Using small sized single spotted heat sources increases the thermal resistance depending on size, number and orientation of the heat sources.