

BASEBOARD

Baseboard finned heating elements comprise 28mmOD x 0.9mm wall BS EN1057 copper tube with 76mm square x 0.4mm thick grade 1060 aluminium fin at 6mm pitch.

The fins are mechanically bonded to the tube by expansion to ensure superior heat transfer.

Tubes are supplied in lengths up to (approximately) 3000mm.

BASEBOARD CONVECTOR – METRIC OUTPUT – 200mm HIGH CASING

28mm Copper Tube With 76mm Square Aluminium Fins At 5mm Pitch. Capacity At Mean Temperature In w/m (Water Velocity 0.3M/sec)

No. of Tubes	60° C	66° C	71° C	76° C	82° C	88° C	93° C
Single Tube	395	455	520	585	655	720	790

SILL HEIGHT CONVECTOR – METRIC OUTPUT – 660mm HIGH CASING

28mm Copper Tube With 75mm Square Aluminium Fins At 5mm Pitch. Capacity At Mean Temperature In w/m (Water Velocity 0.3M/Sec)

No. of Tubes	60° C	66° C	71° C	76° C	82° C	88° C	93° C
Single Tube	590	673	760	850	955	1065	1200
Two Tubes	750	855	970	1080	1220	1360	1530

Correction factor for water velocities for Baseboard and Sill Height Convectors (M/Sec)

Velocity	0.04	0.08	0.15	0.23	0.3	0.46	0.61	0.76	0.92
Correction	0.855	0.892	0.948	0.973	1.00	1.015	1.021	1.029	1.038

Capacities stated per metre of convector element with ambient air at 18° C.

