



Dispersion Heaters

These heaters are used to suck the warm air from the pitch of the roof through a hot water heat exchanger to floor level, providing a more uniform temperature throughout the broiler house.

There are 2 versions – one with the heat exchange coil mounted at the top and one with the heat exchange coil at the bottom. Figure 1 shows the roof mounted version and Figure 2 shows the bottom mounted version.

In both cases the coil can be removed for cleaning

In both cases the units can be operated with 85°C or 55°C water. Table 1 details the kW heating provided.



Figure 1



In both cases the EBM 400mm 380v 50hZ fan can be wired in STAR or DELTA, depending on the width of the broiler house

Table 1

Water Supply Temp °C	AT K	Fan Speed RPM	kW
55°C	5K	1415	27.3
55°C	5K	1235	24.7
85°C	10K	1415	45.5
85°C	10K	1235	41.1

***All capacities at 10°C ambient air**



Figure 2

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