



MONTGOMERY WATERS

## MONTGOMERY WATERS STAY COOL

When Montgomery Waters needed to keep their production areas cool where they source and bottle up mineral water from the hills of mid wales, they contacted Celsius to design and install a suitable cooling solution.

The production areas contain many heat emitting machines, all the way from the filtration and purification processes to the bottling up and packaging stages. These combine to produce a very warm internal environment, with summertime temperatures regularly exceeding 36Co.

After surveying the area Celsius determined the likely internal heatload and designed a suitable ventilation system.

To provide the required cooling Celsius installed a system of 9 no. Evaporative cooling units, these were all wall mounted where the cool air could be directed straight onto personnel.



Evaporative coolers reduce the incoming temperature during the warmer months by as much as 10Co, they also filter the incoming air thus maintaining the high hygiene standards throughout the area. Evaporative cooling is the most cost-effective way of cooling industrial premises and also the most environmentally friendly as each unit only uses 1.2KW of electrical power, a standard water supply and no refrigerant gasses.

Celsius carried out the complete installation during normal working hours with no disruption to Montgomery waters daily operations.



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