



## Celsius Evaporative cooling for ONE College Sports Hall Ipswich



Suffolk Council have recently opened a state of the art further education college in Ipswich. Celsius have cooled the Sports Hall using three EcoCooling evaporative coolers and three large Celsius Natural louvred vents with polycarbonate louvres.

As the Sports hall can also be used for Examinations the system had to meet a stringent NR35 noise level so the coolers have attenuation both before and after the fan system.



The internal ducting is colour coordinated to match the walls and internally insulated both thermally and acoustically.



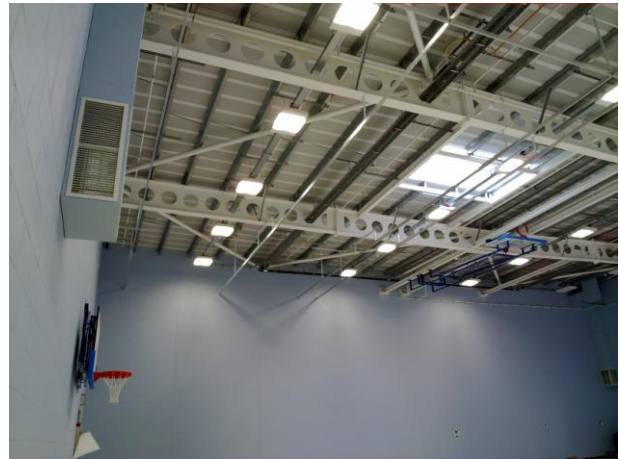
The system uses less than 10% of the power that a conventional refrigeration based air conditioning system would use and saves the council several thousands of tonnes of carbon emissions per annum

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As the Celsius system uses fresh air along with economical evaporative cooling to cool the area, it provides a high natural air change rate and minimises any odours within the area.

This being a major advantage over conventional systems that simply recirculates the same stale air, leading to smells and the possibility of sick building syndrome as bacteria and virus's can spread.



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