

South Warwickshire Council – Extra Cooling for Summer months in the main offices



Air Intake, before the installation.



Air intake with the EcoCooling unit fitted.

'holds off' the air handling units DX refrigeration system for longer, providing low cost 'Green' cooling instead.

For every hour that the EcoCooling unit operates instead of the office's DX refrigeration based cooling system it saves over 15KW of electricity.

Following the very successful installation of the Celsius Evaporative cooling system at Kings House in Bedworth and two further units at Warwick Council's Data Centre at Saltisford, the council have installed a further system to provide additional cooling on their fresh air intake units to cool their main office building.

The Celsius system will provide 40KW of additional cooling, thus reducing the cooling load on the existing Air Handling unit and saving upto 5,000kg of carbon emissions.

The Celsius EcoCooling unit utilises the existing main air handling units fan, the cooler actually offers less resistance to the fan than the original louvre.

The EcoCooler has a 2 amp supply that powers the control circuit and the unit automatically cools the air when required using the EcoCoolers external thermostat, this effectively