

Ventilation-based, environmentally friendly cooling that can help you fight Covid-19

Safety in workplaces has been brought to the forefront of mind in recent months, with the control of bacteria being more vital than ever. Many businesses that relied on air conditioning to keep temperatures down have had to re-think their cooling solutions due to the hazards associated with the recirculation of air.

Thankfully, there is a cooling and ventilation solution that is an effective alternative to air conditioning that will keep your people, processes and products cool, whilst reducing the build up of bacteria and viruses in the air, creating a safer working environment.

A safe way to cool

A recent NHS hospital installation affirms the merits of the EcoCooling solution for keeping bacteria and virus levels at bay. Previous to the installation, Ely hospital had relied on air conditioning which recirculated the air, allowing bacteria levels to build up. By opting for a fresh air solution, the area is now cooled using fresh outside air. Not only does the new system bring fresh air inside, but it also extracts the warm air and the germs from the building, therefore diluting the levels of bacteria and viruses in the air, and reducing the risk of infection.

Low cost and energy efficient

In addition to the safety benefits, an EcoCooling unit can also **save up to 90%** of the operating cost and up to 50% of the capital spend, compared to refrigeration-based air conditioning.

The solution is so cost effective because it combines ventilation and evaporative cooling, both of which require no mechanical refrigeration. So, on colder days, where additional cooling isn't needed, you can take advantage of the system's ventilation-only mode and significantly reduce costs. Then, on the days when evaporative cooling is required a standard unit costs less than 14p per hour to run, which is considerably less than an air conditioning alternative.

The green credentials of evaporative coolers are as impressive as the cost savings due to the low energy usage, meaning you don't have to choose between having effective cooling and being environmentally-friendly.

An industrial solution

Evaporative cooling is ideal for industrial settings, as unlike air conditioning, it is designed for cooling large spaces. The fresh air technology means that open doors and windows have no adverse effect on performance and running costs. The versatility of this method enables blanket cooling of whole buildings or spot cooling of specific areas.

Available in several different configurations, EcoCoolers are suitable for installation in any building. What's more, the system can be fitted retrospectively or as part of a new build project, so it's completely flexible. With over 3000 installations worldwide, EcoCooling is a trusted and experienced UK manufacturer.

For more information and case studies visit our website or get in touch

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