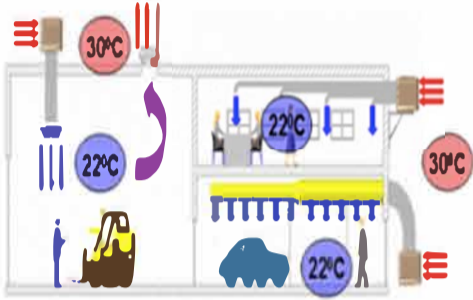


# Evaporative cooling systems & solutions

## Cooling with environmental responsibility



Whether you work in an office, warehouse, factory, shop or showroom most places of work require cooling in summer months.

Until recently the only cooling solution has been refrigerant based air conditioning and this has been restricted to high yielding accommodation such as shops or offices. Furthermore recent Energy price rises have put energy efficiency at the top of everyone's "to do" list and have raised questions about the sustainability of traditional air conditioning.

Harry Taylor using Ecocooling Evaporative Cooling solutions can solve such concerns & put an end to restrictions for cooling. Ecocoolers are simple, safe and low cost.

**Simple** – with only a fraction of the moving parts of an air conditioning system & requiring only basic water and electrical services, evaporative cooling is the simplest method of cooling your building. A variety of installation options allows us to provide our customers with the optimum solution.



**Safe** – Potentially dangerous organisms do not present a risk as the water in an evaporative cooler circulates at a naturally cool temperature. Unique design and process controls prevent water stagnation. The plastic and stainless construction avoids corrosion. A constant supply of naturally cooled air is supplied by the coolers with-out the use of environmentally damaging refrigerants.

**Low Cost** – Typically an Ecocooling evaporative cooler is 25% of the capital cost & 15% of the running cost of a refrigerant based industrial air-conditioning system.

As an example an Ecocooler can produce 35kW of cooling for 1.5kW of power. This equates to one cooler providing enough cool air for 300m<sup>2</sup> for a cost of less than 10 pence an hour.



**Energy Efficiency** – Ecocoolers consume 85% less electricity than conventional air conditioning systems which equates to savings of 10 tonnes of carbon per annum per cooler.

The Carbon Trust recognised the energy saving potential of these coolers and in the past was able to award interest free loans to small and medium enterprises.



**For expert advice and quotations contact:**

**Harry Taylor of Ashton Ltd – the company with the know-how.**