



Harry Taylor

CELEBRATING *80* YEARS

ECP16000 evaporative cooler



Evaporative Cooling A logical alternative to air conditioning



The ECP16000 evaporative cooler uses the most advanced technology to provide a:

SIMPLE
SAFE
LOW COST

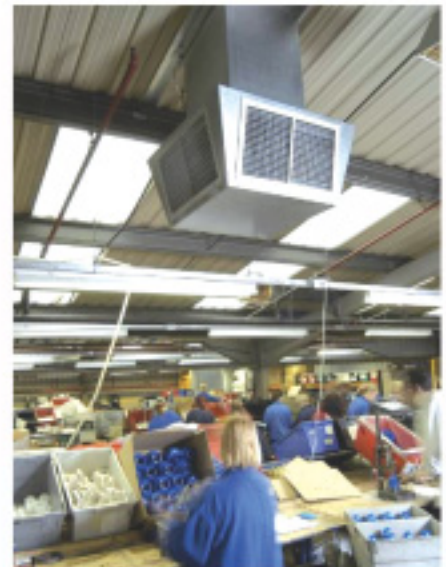
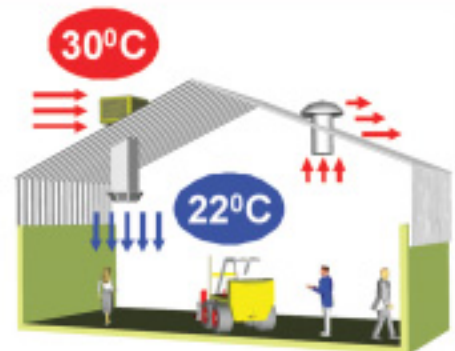
way of keeping people cool.

Evaporative cooling is a completely natural way of producing refreshing cool air.

SIMPLE air distribution systems deliver cool, fresh air to provide complete factory coverage or spot cooling.

Sophisticated process controls together with naturally low water operating temperatures assures a hygienic, and **SAFE**, cooling unit.

At 25% of the installed cost, and 10% of the running cost of air conditioning the ECP 16000 evaporative cooler is a truly **LOW COST** cooling system.



From the company with the know - how

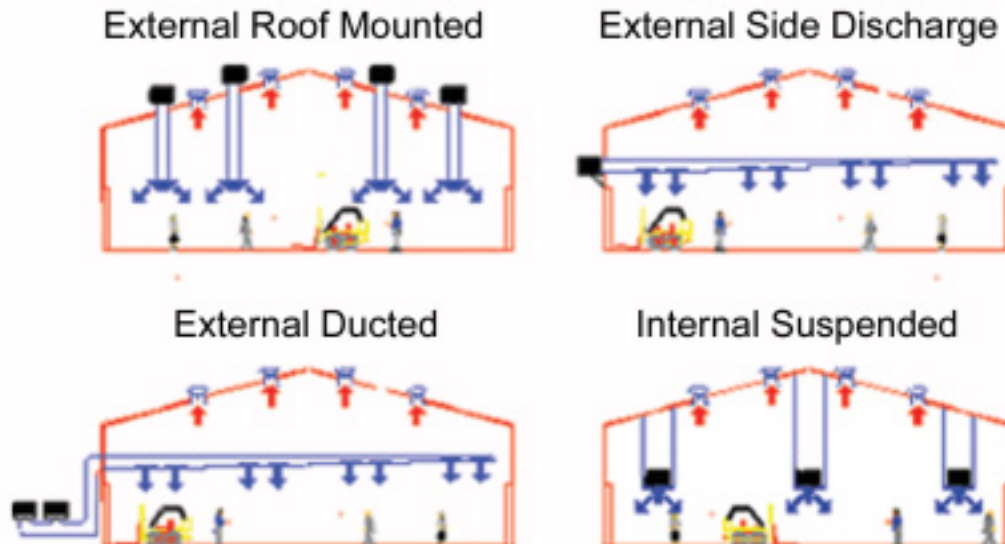


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A Logical Alternative to Air Conditioning

With four simple installation options evaporative cooling can offer an affordable opportunity to managing the temperature in the work place.



KEEP COOL SIMPLY, SAFELY AT LOW COST

The heat generated in today's industrial and commercial buildings can quickly become unbearable when ambient temperatures increase. A poorly ventilated and hot working environment directly affects the attitude of a workforce or your customers.

In manufacturing high temperatures lead to:

Human productivity falling by 4% for every degree over 22 °C

Human errors increasing by up to 40% at 32 °C

SIMPLE

With only a fraction of the moving parts of an air conditioning system and requiring only the simplest of services evaporative cooling is the simplest method of cooling your building.

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 steel construction avoids corrosion.

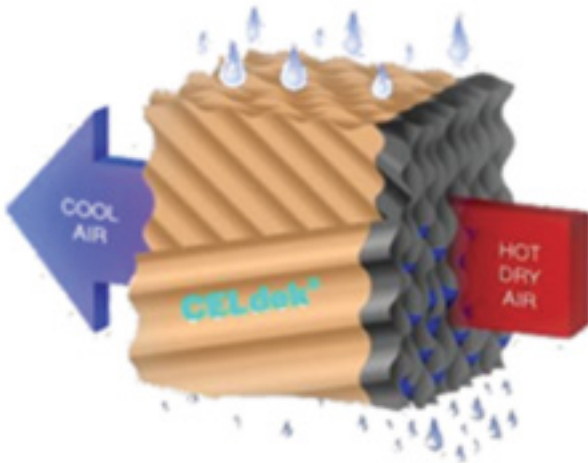
The ECP16000 internal evaporative cooler supplies a constant flow of naturally cooled air without the use of environmentally damaging refrigerants.

LOW COST

Typically an ECP16000 is 25% of the capital cost of a refrigerant based industrial air conditioning system. This, together with only 10% of the running cost, makes evaporative cooling a practical and realistic solution to people cooling in industrial and commercial operations.

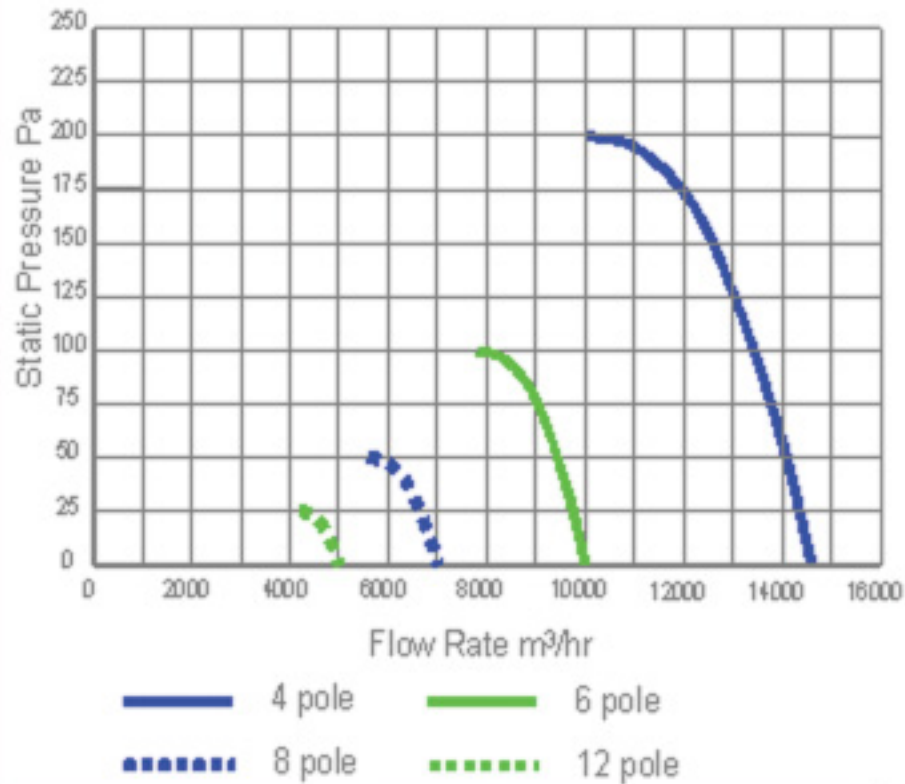


A Logical Alternative to Air Conditioning



As warm air passes over wet filter pads water naturally evaporates into the air. The air is cooled as it gives up the heat required to evaporate the water.

ECP16000 Output



Capital Cost

£Air Conditioning

£Evaporative Cooling

Running Cost

£Air Conditioning

£Evaporative Cooling



ECP16000 SPECIFICATION

Air Flow	4 m3/s
Approximate area covered	300 m2
Power input	1.5 KW
Operating weight	120 KG
Height	1700 mm
Width	1100 mm
Depth	1100 mm

PERFORMANCE

@35°C 35%RH	
Temperature drop	10 °C
Cooling Effect	34 KW
Water usage	70 L/Hr

WARRANTY

2 years warranty on all parts



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