The **Breezair**

Mobile Evaporative Cooler

EA120SVM

Motionless, stale air and high temperatures commonly found in a variety of places can have an adverse effect on morale, production and productivity. By reducing the ambient temperature by several degrees and producing a cooling breeze, we are able to generate a more pleasant working environment.

How Does An Evaporative Cooler Work

Each Breezair cooler contains large cooling pads and during the operating cycle these pads are kept constantly wet. Hot air is drawn into the Breezair cooler by a quiet, powerful centrifugal fan. The air passes through the water soaked pads and the water absorbs some of the heat by a natural evaporation process, resulting in a cool, refreshing breeze.

Features

- **Natural process**
- **Healthier to the environment**
- **Cleaner, healthier air**
- **Improves production and productivity**
- **More energy efficient**
- **Low operating costs**
- **Easy to maintain**
- **Doors and windows can be left open**

Let Nature Do The Work

The beauty of evaporative cooling is its simplicity. It is a process that has been utilised for hundreds of years. The Arabs hung wet blankets in the entrances of their tents and the Greeks placed terracotta pots filled with water in their windows.

This process occurs naturally whenever water and hot air come into contact. Natural evaporation takes place which absorbs the heat and cools the hot air by several degrees.

Breezair

Advanced natural **cooling**

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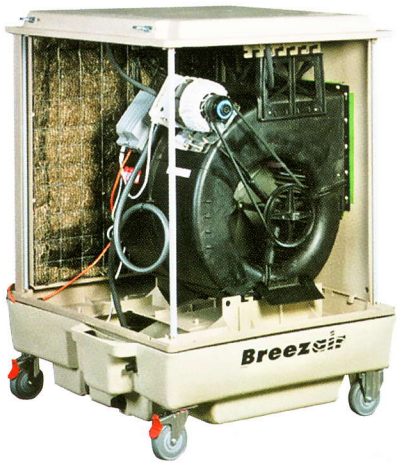


Features and Benefits

Lightweight
The Breezair mobile is lightweight, being constructed entirely of tough, polymer plastic with the exception of the fan-shaft, motor mount and the electrics which are made of stainless steel.

Mobile
The unit is mounted on four wheels, the front pair being fixed whilst the rear pair can swivel enabling it to be positioned with minimal effort and then locked for stability.

Large Capacity Water Tank
The cooler has a large 100 litre tank which enables it to operate for up to 8 hours in normal conditions.

Variable Speed Controller
This regulates the speed of the fan and also incorporates a switch to turn off the water pump.

Louvre Panels and Cooling Pads
The side panels are moulded from a high strength structural polymer which are non fading and UV resistant. The pads are made from shredded Aspen wood fibre giving a minimum efficiency of 80%.

Low Operating Costs
Power consumption and water usage are very low and in comparison with traditional refrigerated systems, the Breezair mobile cooler uses about one fifth of the electrical energy.

Applications

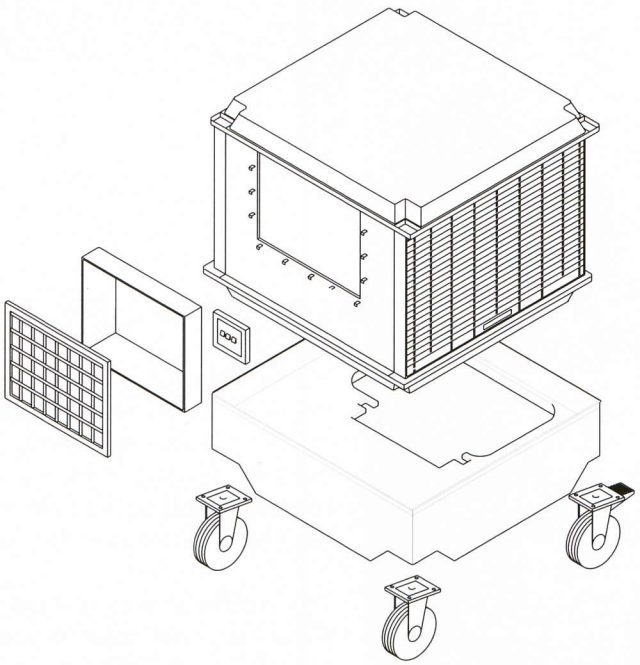
The mobile Breezair cooler will bring benefit to a large number of industries including factories, warehouses, mezzanine floors, sports centres, shops, showrooms, conference rooms and temporary tents and marquees to name but a few. Often it will not be necessary to cool a large building completely but it might be a requirement just to cool a specific area or process or a group of people. The mobile cooler is ideal for this purpose. It can be simply wheeled into position and is ready to use almost immediately.

For the best results always allow the air from the cooler to flow through the room or building. This gives a constant supply of fresh cool air with the hot, stale, polluted air being pushed out.

For this reason, doors and windows can be left open with absolutely no loss in cooling efficiency.

Technical Specification

Width (mm)	980
Depth (mm)	920
Height (mm)	1310
Dry Weight (kg)	110
Fan Motor (watts)	750
Capacity (m3 /hr)	8210
Typical Coverage (m2)	120



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