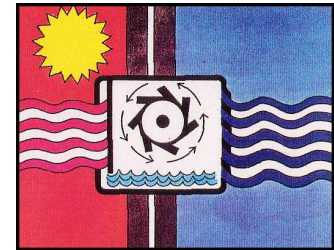


## How does evaporative air conditioning work?

Evaporative air conditioning is very suited to the dry climate of the southern states of Australia and will provide relief cooling in humid regions. These units are very suited to the Australian lifestyle.

Evaporative air conditioners cool by nature's very own method of evaporation and can be likened to a sea breeze.

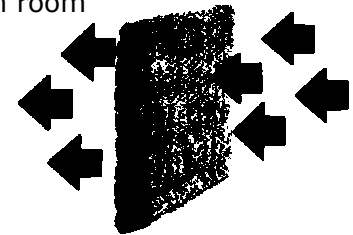
Hot outside air is drawn through water moistened filters, this air absorbs moisture through evaporation, on a ducted system, this air is blown through ducts and outlets to most rooms of a home. This moist cool air absorbs heat from the rooms and the air must be expelled through an open door or window in each room there is an air outlet or vent.



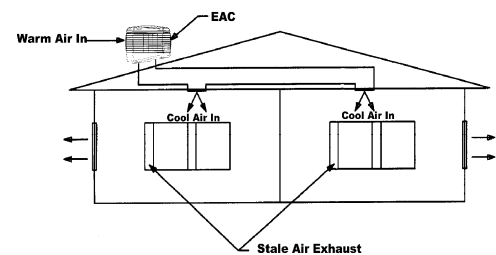
100% FRESH OUTSIDE AIR IS COOLED & WASHED THROUGH FILTER PADS

## How much cooling is possible?

A precise answer to this question is not always possible as there are many conditions that effect the operation and performance of the evaporative air conditioner.



As the process of cooling is a natural method reliant on temperatures and humidity the amount of cooling an evaporative air conditioner will produce will be a variable. Simply put the hotter and dryer the climate, the more cooling can be achieved. There will be some days when you will notice a large temperature difference between inside and out and some days when you will notice very little difference, this does not mean your evaporative air conditioner has a fault or problem; it is simply the conditions of the day and the operational limitations of evaporative air conditioning.



## What sort of comfort conditions can be expected?

Evaporative air conditioning provides comfort conditions. Comfort is defined in a number of forms, temperature and air movement, both of which are important for evaporative air conditioning. Evaporative air conditioning will provide a temperature drop, sometimes large and sometimes small as well as providing air movement.



Air movement to expel the heat from a room and air movement across your skin are very important factors of comfort conditions.

Remember, evaporative air conditioning will raise the humidity level in a home, but with cool air, high humidity is not uncomfortable and personal comfort will still be experienced.

Everything living, plants, animals humans all need moisture in the air and evaporative air conditioning provides this.

## Benefits of evaporative air conditioning

- ✓ Low energy use.
- ✓ Low greenhouse gas emissions.
- ✓ Low running costs.
- ✓ Moderate purchase cost.
- ✓ Cool air with increased humidity.
- ✓ Doors and windows are open.