

Benefits of Evaporative Air Conditioning

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

Evaporative air conditioning is ideally suited to the dry climate of the southern states of Australia and will provide comfort conditions in most areas. Evaporative air conditioners are very suited to the Australian indoor / Outdoor lifestyle.

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 and odours from the rooms, the heat & stale air is expelled through an open door or window in each room there is an air outlet or vent.

The washed fresh cool air from an evaporative air conditioner will remove pollen and dust that can trigger hay fever and asthma. This process will also help reduce the spread of infection. The moist cool air is gentle on the skin and eyes and does not cause drying as refrigerated air does, even plants like evaporative cooled air.

Domestic evaporative air conditioners traditionally provide whole of home cooling without the need to zone Day / Night as a ducted refrigerated air conditioning systems do, cooling all rooms of the home at the same time without additional energy costs.

Evaporative air conditioning will use water to provide cooling however the electrical energy used compared to comparable ducted refrigerated air conditioning is about 1/5th of that of refrigerated air conditioning. As such evaporative air conditioners are more environmentally friendly having considerably less impact on greenhouse gas emissions produced from electricity generation.

With evaporative air conditioners not only are the day to day running costs less but the maintenance and service costs are also significantly less than refrigerated air conditioners.

- ✓ Natural approach to cooling with no ozone depleting CFC's used.
- ✓ Environmentally responsible cooling.
- ✓ Economical to purchase.
- ✓ Low installation cost compared to ducted refrigerated air conditioning systems.
- ✓ Low energy use compared to refrigerated air conditioning systems.
- ✓ Low running costs = reduced electricity bills.
- ✓ Low service and maintenance costs compared to refrigerated air conditioning.
- ✓ Low greenhouse gas emissions due to low power consumption.
- ✓ Cool air with increased humidity.
- ✓ Washed and filtered outside air used.
- ✓ Circulated clean fresh air with doors and windows open.
- ✓ Australian Designed and built for the harsh Australian environment.
- ✓ Kind to the live plants in your home.
- ✓ Helps reduce the spread of infections.
- ✓ Helps to eliminate smoke and cooking odours.
- ✓ Adds value to your home.