

# Cool Breeze Air Conditioning



Looks Smart



Is Smart

**COOL BREEZE**



the  
**Natural**  
Alternative  
for you  
and  
your **Family**

## Enjoy the Natural Freshness of a Cool Breeze

Most of Australia is blessed with a climate that is ideal for evaporative air conditioning. Cool Breeze evaporative air conditioning is the natural healthy way to cool your home.

Unlike refrigerated air conditioning systems where air is dried, chilled and re-circulated, a Cool Breeze evaporative system uses the natural element of water to cool the air which is never re-circulated, as stale air is continually expelled through open doors and windows.

Cool Breeze evaporative air conditioning is environmentally friendly as it uses no CFC's and very little power.

# How Evaporative Air Conditioning Works

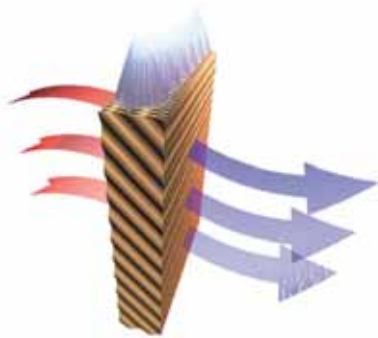
## Lowers Effective Temperature

This is the temperature that people feel as a direct result of air movement over the body. Effective temperature should not be confused with the actual temperature as read from an ordinary thermometer on a hot day. When sensing a breeze we feel cooler, even though the air stream produced by the breeze is the same temperature as the air. The cooling effect of air in motion is due to increased skin surface evaporation. Heat is removed from the body so you feel cooler. This effective temperature drop can be from 2 to 4 degrees below the still air temperature.

## Lowers Actual Temperature

Warm air is drawn through wetted filter pads. The outside air temperature is lowered by the evaporative process and the cool air is directed into your home.

The cooling effect to your home will depend on the efficiency of the air conditioning system, the number of air changes produced by the fan and the prevailing temperature and humidity conditions on the day. Your dealer will be able to provide you with information on the temperature reduction that should be expected in your area. A system can be sized and designed to offer the best summer relief.



Natural Air Conditioning at Work

## Reduces Radiated Heat to Occupants

In your home, under normal temperature conditions heat is radiated from the human body to surrounding walls and ceilings. However, as the temperature approaches 34 – 35°C, this heat is radiated back to the human body. Evaporative air conditioning prevents this by absorbing heat from the walls and ceilings with a constant flow of cool air - which ensures that people occupying your home can radiate heat at a faster rate and therefore remain much cooler.



## 100% Fresh Air

With evaporative air conditioning there is a continuous flow of air into your home. Fresh and cool, this airflow continually forces out stale air, which is never re-circulated.

## Filters Outside Air

Outside air often contains dust, pollen and pollutants. Evaporative air conditioning prevents these substances from entering your home by filtering outside air through wet filter pads, flushing all airborne material from the air. Great for allergy sufferers.



# why choose a Cool Breeze

## The POWER of a **COOL BREEZE**

### Rated Performance - Compare Our Kilowatts

All Cool Breeze systems have been tested and performance rated. The amount of cooling produced by an evaporative air conditioner is largely dependant on the following factors:

- Fan air flow
- Volume of Celdek Filter Media
- An Efficient Water Management System
- Overall System Design

Compare our larger Celdek filter pads, superior fan performance and higher capacity motors. Cool Breeze systems have one of the highest ratios of air flow and Celdek filter media per square metre of floor area to be cooled, of any system on the market today.



The inside of a Cool Breeze Heritage system

### Electronic Control

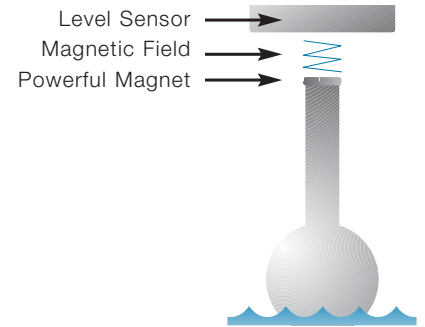
Like all modern appliances a Cool Breeze air conditioner utilises the latest in electronic control systems - providing years of trouble free service.



### Magna-Sensor

- So Simple - So Reliable

The end of periodic water level adjustment. All Cool Breeze systems have our very own automatic water level adjustment system. Accurate to within 1mm, no more sticky ball floats, or rubber washers to wear. No more electronic probes to become corroded. Our MAGNA-SENSOR is guaranteed never to require adjustment. The simplicity and accuracy of the MAGNA-SENSOR uses magnetic field technology to measure and regulate water flow and levels in the base.



### Very Low Electricity Costs from 40¢ per day\*

Our efficient design means minimum energy loss and maximum air output per kilowatt of energy consumed. The Cool Breeze direct drive fan and motor ensures low energy consumption.

\*Based on a model D095 operating for 8 hours at 0.12¢ per kw Hour



### Durable Polymer Construction

Manufactured by BASF, Luran-S is a premium grade and exceptionally tough polymer, specifically designed to withstand the most trying environmental conditions. This has been proven by numerous tests in the extreme deserts of Australia and the United States.

It's integral strength, resistance and durability to weathering, including UV degradation is unmatched by any other casing material. There is absolutely no corrosion that is common in metal casings.

## Superior Cool Breeze Fan Design

Our powerful fan ensure maximum air flow with minimum noise. Our larger systems are fitted with our "powerflow" fan. Note the "golf ball" like dimpled surface to reduce noise and increase efficiency.



One of the quietest systems in Australia - Our testing confirms this. An efficient design coupled with the noise absorbing polymer construction and our advanced fan technology including the unique position of the fan all combine to make our Cool Breeze air conditioner the benchmark in our industry. Don't be misled by claims that drum fans are quieter.

## Lower Maintenance

Reduced maintenance means lower costs, longer life. Always ready to cool your family when required.

## Water Manager

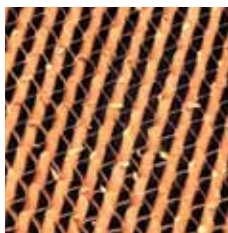
All Cool Breeze Systems Have a Water Management System installed as Standard.

We believe that an Auto drain and Clean Water System is a vital and necessary part of every air conditioning system, unlike some of our competitors who offer it as an optional extra.

- **Clean and Dry Tank**

When your system is switched off, all water is drained from the tank.

At the end of the day, the filter pads are automatically flushed with clean fresh water to help keep them free from mineral deposits which reduce their effective life.



- **Uses Less Water**

Unlike bleed-off systems which continually drain water in order to maintain water purity, the Cool Breeze Water Manager effectively minimises water usage by only diluting and replacing the water in the base when necessary. This periodic cycle is fully adjustable for various water qualities.

- **Cooler Air**

Cleaner pads and cleaner water means cooler air and higher saturation efficiency.

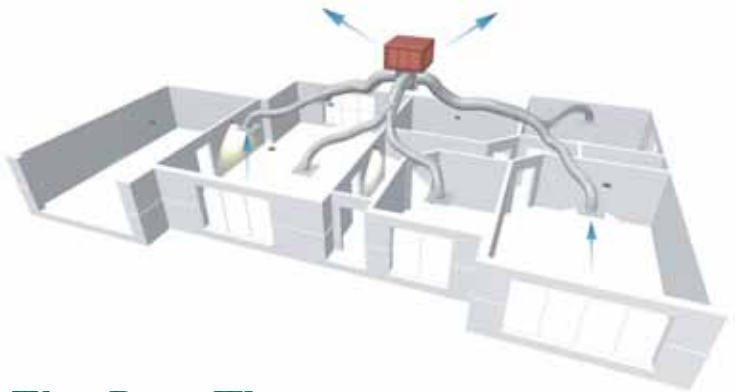


## Exhaust Mode

### Only with Cool Breeze

Use your Cool Breeze system 365 days of the year - even in winter. Freshen your home without the need to open windows to the cold outside air.

At the touch of a button, every outlet of your Cool Breeze system is transformed into a powerful extraction fan - clearing your entire home from stale air and unwanted odours.



## The Best Warranty

We are so confident that Cool Breeze is the best designed and most reliable system available, that we are prepared to offer you the most comprehensive warranties for your peace of mind.

3 Years on Labour



3 years on all labour

5 Years on Parts\*

\*Excluding Celdek filter pads.



5 years on all working parts

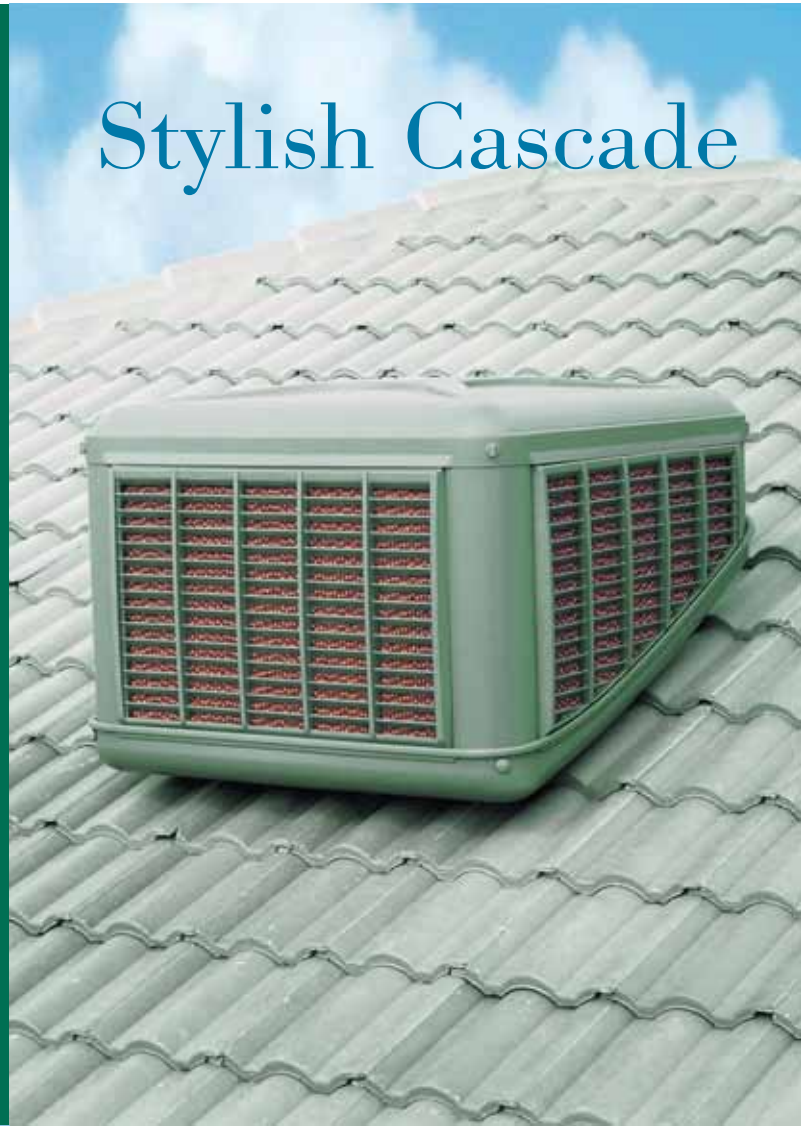
10 Years Polymer Casing



10 years on polymer casing & a lifetime against corrosion

it's  
your  
choice

## Stylish Cascade



## Classic Heritage



Cool Breeze systems have always been designed and manufactured to be the best in quality, efficiency and performance. The introduction of the improved Cool Breeze Heritage range and the all new Cool Breeze Cascade series continue that tradition.

### Which style do you prefer?

#### Cool Breeze HERITAGE or CASCADE

Both systems offer the same Cool Breeze smart features, performance and reliability.

The classic good looks of our low profile Heritage system suits all applications and compliments any roof line.

The new stylish Cascade has an extra low profile. The base follows the roof line, allowing the system to blend in with your surroundings.

A full colour range ensures that you will find one to compliment your roof colour.



Beige

Rivergum

Mid Red

Slate Grey

Ebony

(Unit colours may vary from samples.)

# Simply better Control

## Controller Options

Like everything else the Cool Breeze controllers are designed with you in mind, easy to operate, attractive and feature packed.

### All Cool Breeze controllers include

- Exhaust Mode
- "Fan Only" Mode
- Fully automatic operation of Pre-Start Wash and End of Day Flush and Clean Cycles
- Adjustable periodic drain cycle

### CA Series

- Designed for simplicity
- Unique one dial operation
- Variable speed fan



### CY Series

- 10 Fan Speeds
- Simple push button operation



## CR Series

### True Climate Control

- Automatic Temperature Control - Set the thermostat to your desired temperature setting, and the CR series will do the rest. Temperature will be maintained at your desired setting.\*\*
- 99 Hour Timer - Set your air conditioner to switch on or off when desired. Ideal to return to a cool home, or to switch your Cool Breeze off after you have gone to sleep.
- Digital Display

\*\* within the constraints of evaporative air conditioning



## Optional Remote Control

Combined with the feature packed CR wall controller, the radio remote control adds extra convenience to switch the system on and



off in cool or ventilation mode, as well as fan speed adjustment. Additional transmitters are available for a small extra cost. Leave one in your bedroom, or in the second storey.

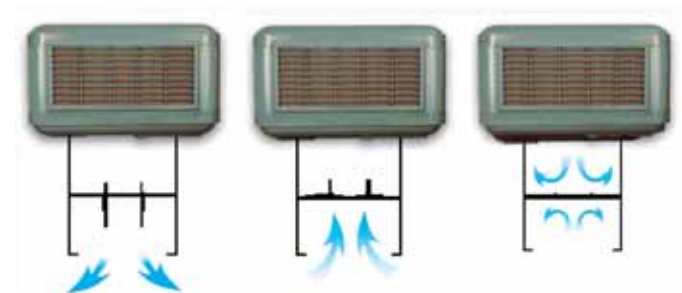
Our System is superior to other standard remotes.

They only have one controller which needs to be moved around to where it is being used. With ours, the CR wall controller is wall mounted and always ready for use, with one or more remote transmitters providing complete flexibility.

## Four Seasons Weather Seal

Automatically seals off airflow to and from your home when the air conditioning system is not operating.

Prevent drafts as well as heat loss in winter through the ducting and air conditioning system.



Weather Seal open allows cool air into your home when air conditioner is in use.

Weather Seal in Exhaust Mode.

Weather Seal Closed.



# Air Group Australia

## Service, Backup & Support

With over 30 team members supporting our National Service Network, plus an extensive list of Dealers and Service Agents Australia wide, we will always be there to help if you should need us.

Air Group Australia has a renowned reputation as a manufacturer and distributor of quality air conditioning and heating products. Our brand names include:

Evaporative Air Conditioning



Quality Air Conditioning Componentry



Ducted Gas Central Heating Systems



Refrigerated Air Conditioning Systems



With branches throughout Australia - and a growing export market - Air Group Australia are acknowledged as a major supplier to the air conditioning and heating industry. Our quality is endorsed by the international ISO 9001 Quality Assurance rating.

## Specifications

Model	KW*	Cooling Capacity m <sup>2</sup> **	Motor Size W	Height
<b>HERITAGE</b>				
D095	7	95	600	490
D125	9	125	600	580
D160	11	160	750	580
D195	13	195	1000	655
D230	15	230	1000	770
D255	17	255	1000	890
<b>CASCADE</b>				
C125	9	125	600	760 (at front)
C160	11	160	750	760 (at front)
C205	14.5	205	1000	880 (at front)
C240	16.5	240	1000	990 (at front)

### WARRANTIES

5 Years on Parts  
3 Years Labour

10 Years Casing  
Lifetime Against Corrosion

Refer to warranty certificate for terms and conditions.

\*Minimum KW capacities calculated according to AS2913-2000 under standardised conditions inlet dry bulb temp 38°, inlet wet bulb temp 21°, and comfort dry bulb temp 27.4°. Calculations based on air flow test as per CSIRO report 00/228 and Celdek saturation efficiency test as per CSIRO report 90/16m.

\*\*Based on 2.4m ceilings, Comcool zone 2.

Air Group Australia reserves the right to make product changes without prior notice.

Evaporative air conditioning cooling performance diminishes during high humidity.

Installation and commissioning to manufacturer specifications, industry standards and state regulatory laws is the responsibility of the installer.



# Service Backup and Support

## Your Authorised Dealer

For further information, please contact your authorised Dealer or  
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