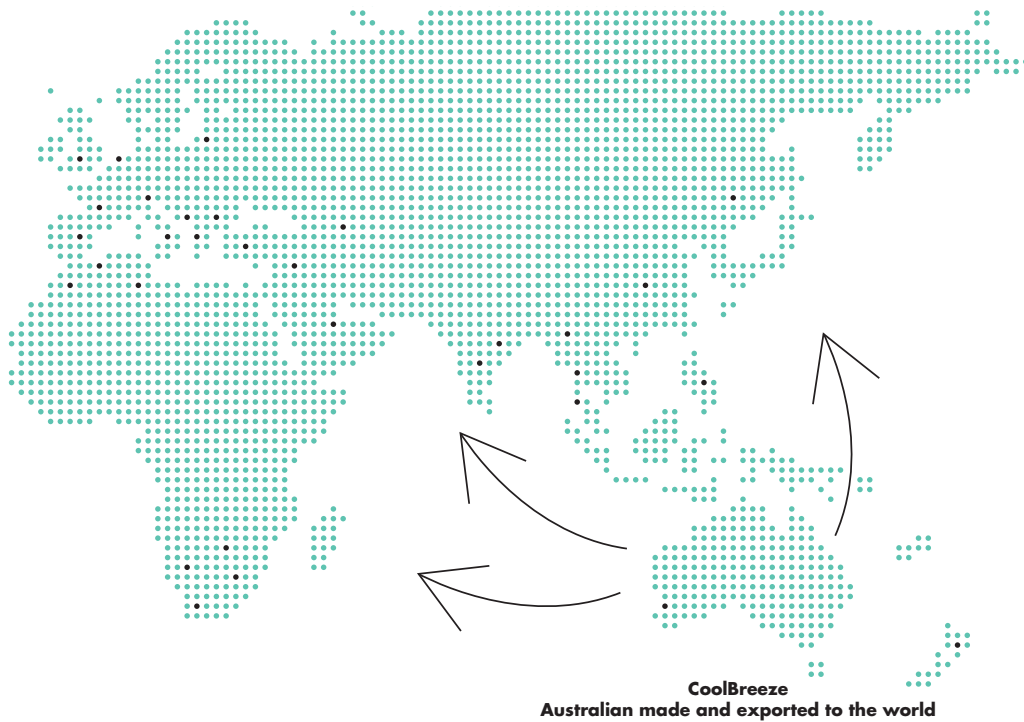




COOL BREEZE
EVAPORATIVE AIRCONDITIONING

Feels good... naturally



CoolBreeze... Feels good

CoolBreeze premium quality evaporative air-conditioners are designed and manufactured right here in Australia specifically for Australian conditions. The many unique features built into CoolBreeze mean no other brand comes close to its cooling performance and energy efficiency.

However the first decision you need to make is what type of air-conditioning you will have in your home. There are basically two choices, evaporative or reverse cycle (also known as refrigerated) air-conditioning.

Four good reasons to choose evaporative air-conditioning

1.

Save money – lots of money

Purchase and installation cost is usually around half that of a comparable reverse cycle air conditioning system. Plus you can save around 80% on running costs compared to a reverse cycle system.

2.

It's the healthy choice

100% cool, fresh, filtered air throughout your home means the whole family can sleep easy. The natural principle used to cool the air means it is not dried out like reverse cycle air so no waking up with a dry nose or sore throat.

3.

Lifestyle

Free flowing air through open doors and windows suits our Aussie indoor outdoor lifestyle.

4.

Environment

No ozone damaging refrigerant gas or power hungry compressor motor means significantly less energy consumed, a much lower environmental impact and smaller carbon footprint.



Four good reasons to choose CoolBreeze

1.

Superior efficiency

Its super-efficient Direct-Drive motor and unique PowerFlow fan makes it the most efficient evaporative air-conditioner available today meaning even lower running costs, more cooling and super-quiet operation.

2.

Superior cooling

Its high efficiency CoolCel filters deliver superior cooling performance.

3.

Fresh clean air every day – maintenance free

Its ingenious water management system and auto clean cycle means 100% fresh, clean, filtered air throughout your home every day with no seasonal maintenance required.

4.

Unique exhaust function

Its unique exhaust function means cooking odours, smoke or stale air can be removed from anywhere in your home within minutes at the push of a button.



Feels good... saving money

Costs - The facts speak for themselves.

The first big differences you will notice when considering the options for air conditioning your home are the costs. Evaporative cooling is much cheaper to buy and operate than a reverse cycle system.

Why? Well because an evaporative cooling system uses the natural cooling principle of wind across water, so it just doesn't need to do as much 'work' as a reverse cycle system which compresses refrigerant gas into a liquid and 'squeezes' the heat out. So it costs less to manufacture and much less to run.

We have demonstrated these differences below using publicly available data to compare the Australian-made CoolBreeze with a popular reverse cycle 'inverter' system.

	10kw Daikin reverse cycle air conditioning system ducted to 8 outlets	10.2kw CoolBreeze evaporative air conditioning system ducted to 8 outlets
Average purchase and installation cost in a typical Australian capital city home	\$9,000	\$4,500
Summer running cost (electricity)	\$1,244	\$218

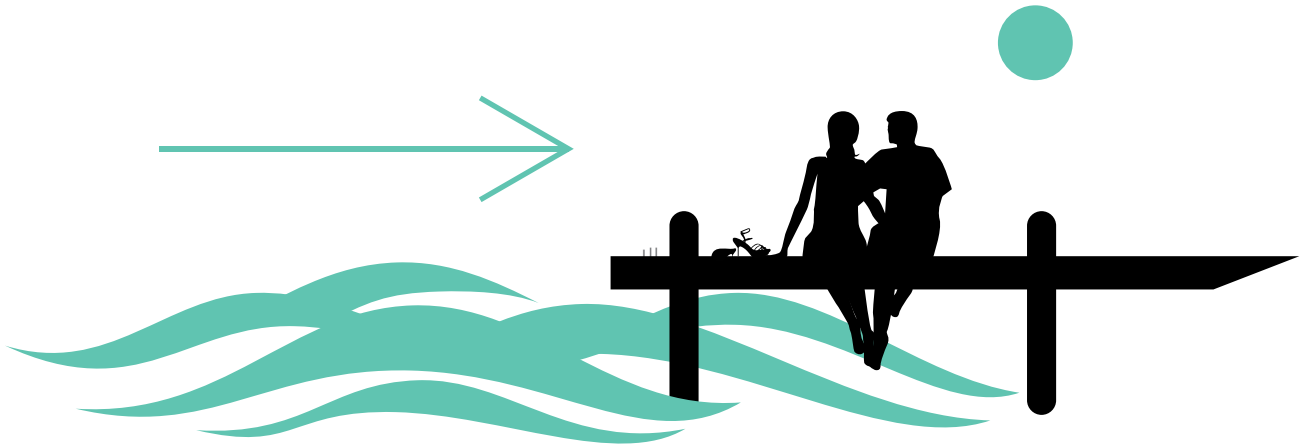
Models used in comparison are Daikin FDYQ100L/RZQ100KC and CoolBreeze D125. Summer running costs based on information provided on www.sustainability.vic.gov.au website and calculated at 120 days @ 12 hours per day. Units operating at 60% duty cycle.

Feels good ...naturally

How does it work?

CoolBreeze evaporative air conditioning cools your home using the same natural cooling principle you experience in a forest or by the sea.

Fresh outside air is drawn through water-saturated filter panels which cool the air through evaporation, just as a sea breeze provides cool relief on a hot day. This method has the added benefit of also filtering out air-borne dust and pollen ensuring cool fresh air throughout the home.



This continuous flow of cool, fresh filtered air is then gently circulated through your home and expelled out through open windows or doors, not only creating a cool and comfortable environment but also eliminating stale air, smoke and cooking odours.

It is a simple, natural and healthy process that operates quietly using very little power while providing many benefits.

Health Tip

By contrast a reverse cycle air conditioner needs the home to be closed up in order to work. It recirculates the air in your home through a 'radiator' coil cooling it a little more on each pass. While this provides temperature control the air in the home can become stale and it also has the unfortunate effect of drying the air which many people find uncomfortable or irritating to their sinuses, eyes or throat.

Feels good... providing a healthy home for your family



Whole home cooling, no need for zoning

Because your CoolBreeze uses so little electricity there is no need to close off or 'zone' your home as is common with reverse cycle systems, so the kids can sleep easy at one end of the house while you are entertaining at the other.

Open doors and windows better suited to our Aussie summer lifestyle

Being a 100% fresh air cooling system your CoolBreeze works best with doors or windows open which better suits our Aussie lifestyle than having the home closed up as is necessary with reverse cycle.



Ideal for hay fever sufferers, children and the elderly

Fresh, naturally cooled air is much healthier for the whole family. Even the Asthma Foundation recommends air-conditioning that supplies fresh filtered air rather than recirculated.

Poor indoor air quality is a leading cause of Sick Building Syndrome*. However constantly replenishing the air in the home with fresh, filtered air alleviates any concerns.

*US Environmental Protection Agency




Indoor plants will thrive in your CoolBreeze natural, fresh air conditioning

Seeing your indoor plants thrive is a clear demonstration of the benefits of using nature's own cooling method in your home.

Your pets will thrive too (and the exhaust mode is handy to eradicate pet odours).





Feels good ... caring for our environment

Because the CoolBreeze evaporative air-conditioner employs a natural cooling principle it has a significantly lower impact on our environment.

Low carbon footprint

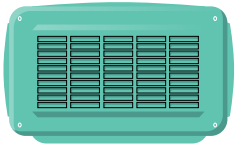
Clever design and smart manufacturing processes mean less material and energy is used in the production of each CoolBreeze unit resulting in a carbon footprint that is a small fraction of a comparable reverse cycle system.

Low greenhouse gas emissions and zero ozone depleting gases

CoolBreeze has no nasty refrigerant gases or energy guzzling compressor which means it consumes around 80% less electricity than a reverse cycle system and contributes less to greenhouse gas emissions.

CoolBreeze... The high performer packed with smart features

CoolBreeze units are built using superior, industry leading technology to give you a better performing and longer lasting product.

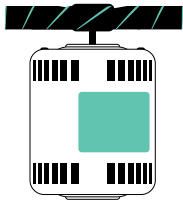
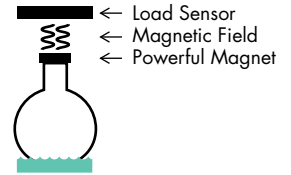


Durable Polymer Cabinet

Strong, long lasting Luran-S Polymer construction means very quiet operation and UV stability in even the most extreme Australian conditions so your Cool Breeze will maintain its colour and appearance for many years to come.

Magna Sensor Water Management

Its ingenious, fully automated, fail-safe water management system requires no maintenance at all.

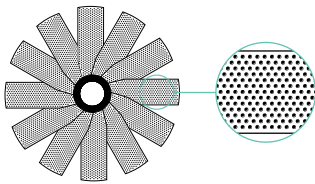
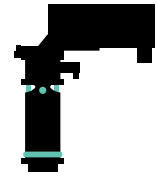


Teco-Westinghouse Direct-drive Motor

Its high capacity, energy efficient motor with direct-drive technology means no belts or pulleys to adjust, lower running cost, superior airflows and quieter operation.

Unique Auto-drain Valve

The counter-weight drain valve automatically empties the unit after each use which ensures there can be no build up of mineral residue. It is always fresh and clean for its next start up ensuring fresh clean air every time, guaranteed.

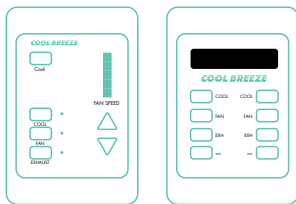


Unique Powerflow Fan

The heart of the CoolBreeze is the very latest in fan technology which tests have proven delivers more air, while using less energy, and operating more quietly than drum-type fans. The 'golf-ball' like dimples on the fan blade deliver maximum airflow efficiency while making the fan one of the quietest in Australia.

Auto Clean Cycle

Your CoolBreeze unit automatically cycles through a pre-cool wash, end-of-cycle rinse and daily flush with fresh water which prolongs the system life, keeps the unit fresh and clean, reduces maintenance and ensures maximum cooling efficiency.



QM

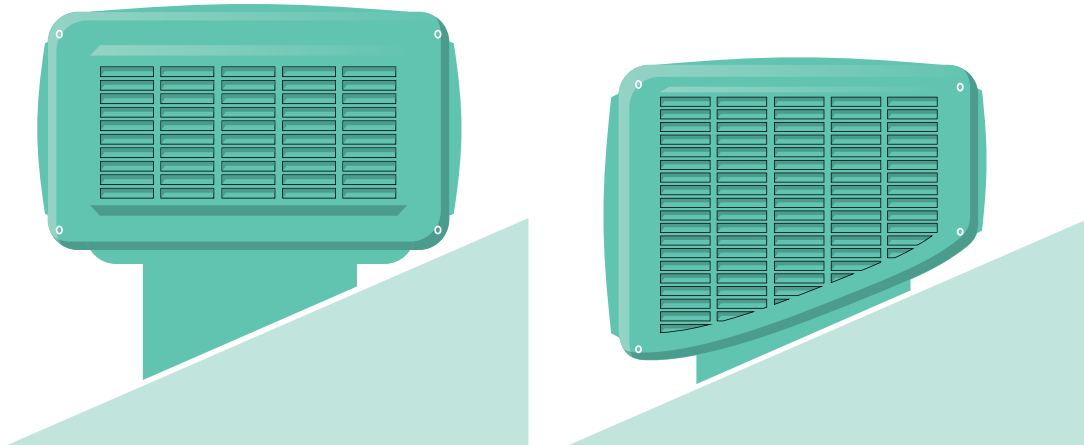
QA

More choice, more control

Take control with your choice of controller. Choose from the easy-to-use QM or the more sophisticated QA controller which automatically adjusts air-flow or turns the unit off if the temperature drops during the night. The automatic timer allows you to come home to a cool house or have the unit turn itself off after everyone is asleep.

Feature	QM Controller	QA Controller
Touch Pad / LED Display	✓	✓
Cool / Fan Only Mode	✓	✓
Exhaust Mode	✓	✓
After-Use Drain	✓	✓
Auto Clean Cycle	✓	✓
Pre-Start Wash	✓	✓
10 Speed Fan	✓	
100 Speed Fan		✓
Auto Temp Mode		✓
Auto Timer / Sleep Mode		✓
Bushfire Mode		✓

Design styles



Classic Heritage Style

Low Profile Cascade

Colours



Grey

Red

Beige

Green

Black

Specifications

CoolBreeze				Other Brands	
Model	kW	Airflow Litre/Sec @ 60Pa	Motor Size	kW	Airflow
Heritage					
D095	8.0	1950	600		
D125	10.2	2100	600		
D160	12.7	2350	750		
D195	15.2	2800	1000		
D230	16.7	2900	1000		
D255	17.7	3000	1000		
Cascade					
C125	10.2	2100	600		
C160	12.7	2350	750		
C205	15.4	2800	1000		
C240	16.8	3000	1000		

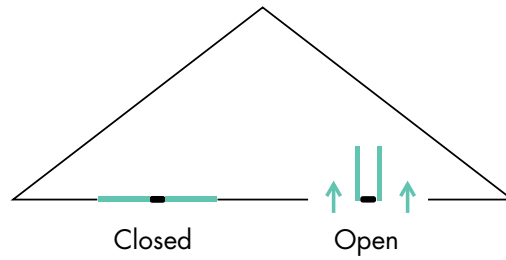
Airflow tested in accordance with ISO5801: Fan Performance Testing Utilising Standardised Airways.
 KW capacities calculated according to AS2913-2000 under standardised conditions; inlet dry bulb temp 38°, inlet wet bulb temp 21° and comfort dry bulb temp 27.4°. Calculations based on air flow test as per CSIRO report 00/228 and Saturation Efficiency test as per CSIRO report 90/16m.

AirGroup Australia pursues a policy of continuous development and therefore reserves the right to make product changes without notice. Evaporative air-conditioning cooling performance reduces during high humidity. Installation and commissioning to manufacturer's specifications, industry standards and State regulations is the responsibility of the installer.

Pictures for illustration purposes only.

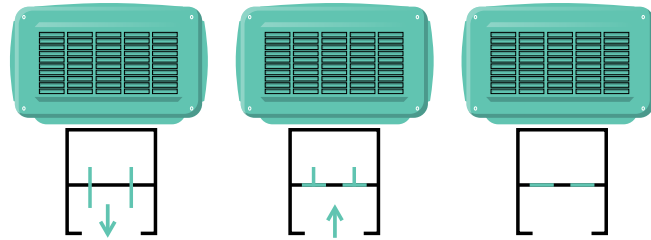
This brochure is intended to provide general information only. Always refer to your quotation for specific details of products.

Optional extras



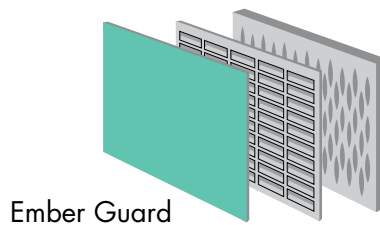
Security Exhaust Vent

If you prefer not to operate your system with windows or doors open, there is the QuietFlo Security Exhaust Vent. This allows the escaping air to vent into the roof space rather than through the windows which has the added benefit of providing additional insulation as it cools the air inside the roof cavity.



4-Seasons Automatic Weather Seal

This simple device exclusive to CoolBreeze can be fitted invisibly into your system. It automatically closes when the system is turned off to prevent any drafts or heat loss during winter.



Bushfire Ember Guards and Safety Mode

If you live in a bushfire danger zone ask your CoolBreeze dealer about our bushfire safety options that comply with Australian Standard AS3959, including 'pump only' mode to keep water circulating over the filter panels without the fan running. Ember Guards fitted to the filter panels provide protection against the ingress of burning embers.

Authorised Dealer Network

Choosing your dealer is as important as choosing your air-conditioner. All CoolBreeze Authorised Dealers have been assessed for their technical expertise, design knowledge, installation methods and commitment to professional standards of service.

Your Authorised CoolBreeze Dealer has also been trained in the use of the CoolBreeze Approved COMCOOL engineered selection procedure so you can be confident that the correct unit has been recommended to provide optimal cooling to your home. CoolBreeze guarantees the performance of your air-conditioning system designed and installed by a CoolBreeze Authorised Dealer (see COMCOOL Performance Guarantee for details).

Warranties

5

Years on Labour

5 years on all labour.

5

Years on Parts*

5 years on all working parts.
(*Excludes filter pads)

10

Years Polymer Casing

Cabinet Warranty on Polymer Cabinet & Lifetime against corrosion.

Nothing tells you more about a manufacturer's confidence in their own product than the warranty they offer. CoolBreeze, manufacturer of high-quality evaporative air-conditioning systems, offers a full 5 year warranty on all air-conditioner parts and 5 year warranty on labour.

The Luran-S polymer cabinet is covered by a 10 year structural warranty plus a lifetime guarantee against corrosion. See warranty form for full details.

Optional Extended Warranty

CoolBreeze 10 + 10 + 10 Platinum Extended Warranty

Ask your dealer about the CoolBreeze 10 + 10 + 10 Platinum Extended Manufacturer's Warranty that provides the peace of mind of a full ten year parts & labour guarantee plus a ten year cabinet structural guarantee. The only requirement is that you register the extended warranty with CoolBreeze within 30 days of installation.

Unlike many other brands, the CoolBreeze extended Platinum warranty does not require annual servicing or other on-going hidden charges.

Your Authorised CoolBreeze Dealer

The leaders in the heating and cooling industry



Plum Heating & Cooling have been designing and installing CoolBreeze systems for over 22 years so you can be confident that our experienced designers will specify the correct unit and design the ducting layout that will best suit your home or commercial application. Our installation teams are careful and fastidious, and when we are finished our work we will leave your place clean and tidy. We are based in Point Cook and our services are available right across the Melbourne metropolitan area.

2012 Business of the Year Winners
Wyndham Business Awards

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