



Breezair®

NUMBER ONE IN NATURAL COOLING

*The world's quietest and most
efficient range of whole of home evaporative
air conditioning systems.*

Introducing the Breezair® Icon® Series,

the world's quietest and most efficient range of whole of home evaporative air conditioning systems.

The only choice for your home and lifestyle

For more than 20 years Breezair has been recognised as the global market leader in innovative climate control. Proudly designed and manufactured in Australia for Australian conditions, Breezair has a history of developing revolutionary air-conditioning technology. The Breezair Icon Series evaporative cooling system presents outstanding advantages when compared against refrigerated systems.

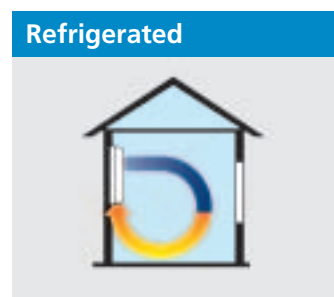
Evaporative Vs Refrigerated

<i>Breezair evaporative</i>	<i>Refrigerated</i>
Natural fresh clean filtered air	Recirculates stale air
The world's most efficient and economical ducted evaporative air conditioning system	Refrigerative systems have much higher running costs for cooling
Installation cost lower, with minimal seasonal maintenance	Installation costs higher in ducted refrigeration
CO2 emissions many times less than refrigerated	CO2 emissions many times more than Breezair
Ideal for kids, asthma sufferers, elderly - non drying fresh air	Dries the eyes, skin and household plants
Windows/doors left open - fresh, clean air pushing stale air outside	Windows and doors have to be shut to operate effectively. Stale air recirculated.
Sleep soundly - Breezair Hushpower - world's quietest	Comparitively noisy external compressor when unit is on, day and night

Making the right choice for your family and your home is critical when it comes to home cooling. Breezair delivers time and again when it comes to health, comfort, safety, performance and economy, allowing peace of mind for you and your family.



Healthy, fresh, clean air
Breezair natural cooling systems provide fresh, cool, dust-free healthy air. Completely changes air in your home every two minutes, providing constant fresh air.



Stale recirculated air
A refrigerated system recycles most of the same stale air and odours throughout your home.

Naturally smart

Quiet fact

The Breezair Icon uses revolutionary Hushpower motor technology making it the world's quietest ducted evaporative cooling system.

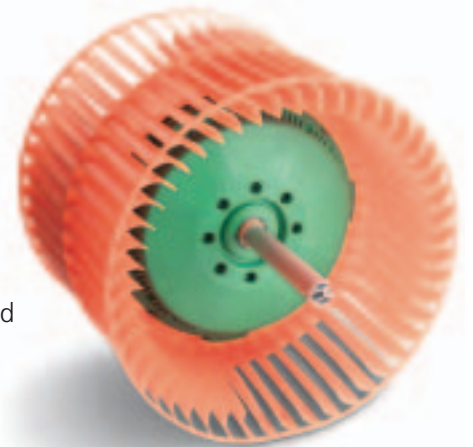


The future in whole of home cooling

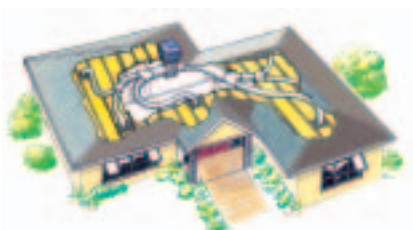
With Breezair whole of home evaporative air conditioning, you can enjoy instant cooling with very low running costs. What you are looking at, is the future in whole of home cooling systems.

World-class technology

The world-class technology of the new Breezair Icon Series fan and motor combination, delivers the world's quietest and most efficient ducted evaporative cooling into your home. This is a world-class benchmark in technological advancement for ducted evaporative cooling systems.



The smart cooling system...inside and out



Instant whole of home cooling



Advanced Hushpower® motor technology

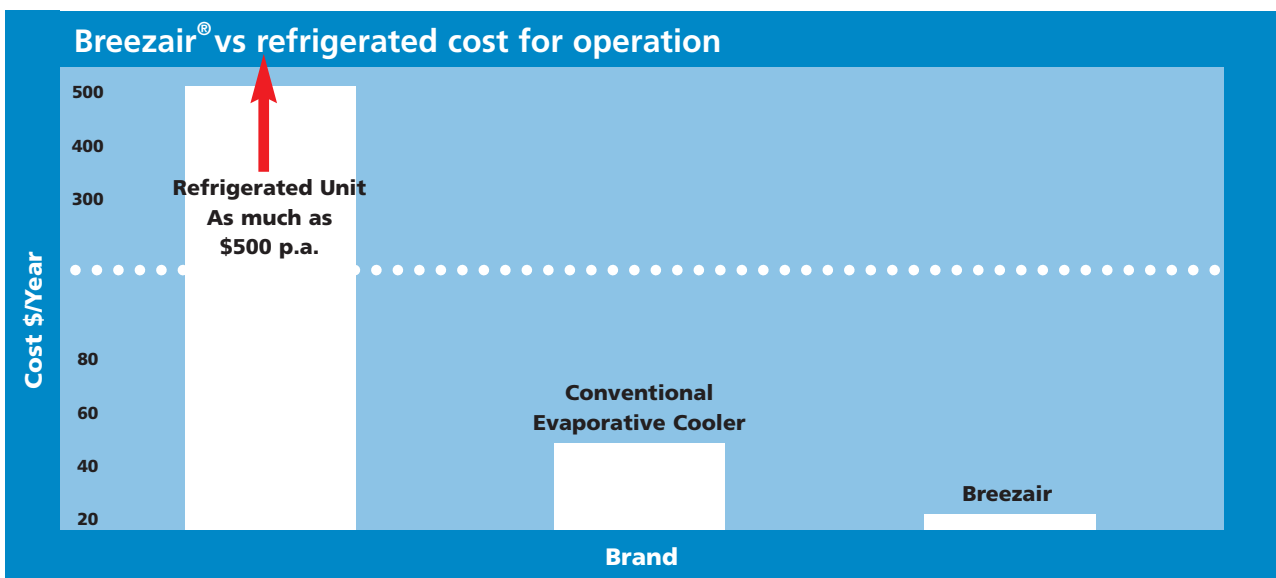
The ground breaking Icon Series sets a new benchmark in whole of home air-conditioning. A world first, the Icon's state of the art motor takes the centrifugal fan to new levels, reducing seasonal power usage to less than half of a conventional motor. It's also the world's quietest.

Naturally efficient

The world's most efficient range of ducted cooling systems

When you buy a Breezair evaporative air conditioning system you will get the world's leading technology in whole of home cooling. With that, come world-class benefits;

- Less than half the seasonal power consumption of comparative ducted evaporative air conditioning systems and up to 90 per cent less than refrigerated units
- Quietest range of ducted evaporative air conditioning systems on the market
- Most efficient range of whole of home ducted air conditioning systems in the world
- Immediate cooling
- Water use minimisation



Disclaimer:
Based on Average Adelaide Summer (1987) @ 148sqm house cooling over 25°C.

The benefits of both fan and motor combined with advanced electronic controls, manage and monitor the motor to ensure the system runs at optimum efficiency at all times. It's so smart it even adjusts the motor speed automatically to cope with different ducting systems and back pressures.

Efficiency fact



The Breezair Icon can cool your whole home for as little as the running cost of a 100 watt globe (approximately \$25 a year in electricity for an average sized home in most places).



Naturally economical

Cooling fact



Breezair's "Quick Cool Start Up" feature operates to pre-wet the cooling pads prior to the fan being turned on. This ensures an immediate cooling effect.

Designed for Australian conditions

The world's most advanced cooler, inside and out.

In addition to blending into the roofline of your home, all Breezair Permatuf[®] cabinets are constructed from an advanced, UV resistant structural, injection moulded polymer that will never rust, fade or discolour. The Breezair Icon series masterfully applies a number of features designed to minimise the impact on the environment. Features like the innovative WATERmiser.

Saving through smart water use

The WATERmiser is a unique feature of the Breezair whole of home evaporative cooling system. It ensures economic water use through the following:

- Uses the minimum amount of water to achieve high efficiency cooling
- Ensures optimal operation of the cooler
- Automatic compensation for mild weather and medium and low running
- Automatic water quality detection meaning significant water savings
- Leak detection monitor

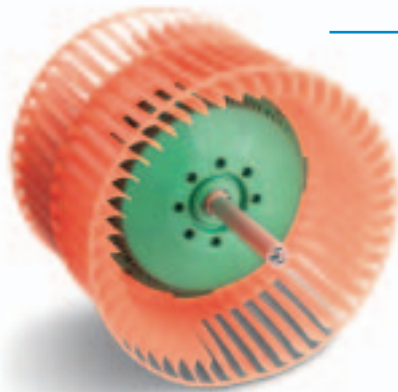
The WATERmiser™ _____



Breezair's® world-class technology

What makes Breezair shine above all others as an innovative world-class evaporative air conditioning system is the investment made in developing next generation features. For over 20 years Breezair has been synonymous with leading-edge technology, innovative design and superior cooling.

Led by the state of the art Breezair Icon Series motor/fan combination, the new Breezair Icon Series technology also boasts a host of other world-class features.



New Icon® Series Fan

- Combined Motor & Fan
- Ultra quiet centrifugal fan
- Responsive to duct sizing & back pressure
- Designed to deliver optimum air output

Hushpower® direct drive motor

- Super efficient over operating range
- Exclusive to Breezair
- Electronically controlled for optimum efficiency
- Corrosive resistant construction
- Reduced energy use
- Variable speed
- Unsurpassed reliability
- Quietness beyond belief

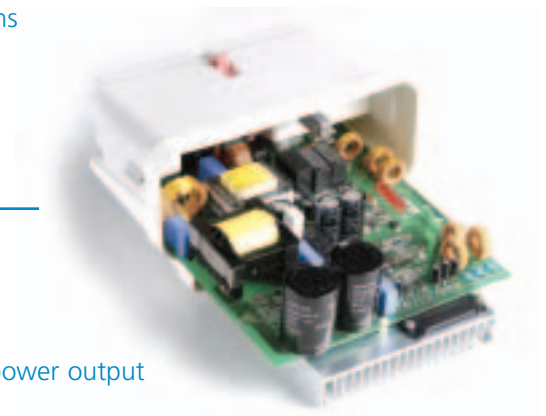


Tornado® pump

- Australian Designed & manufactured
- Exceptional reliability in extreme conditions

Control Power Module

- Advanced electronic controls ensure that the Icon operates at optimum efficiency at all times
- Microprocessor constantly analyses water quality, water consumption and power output
- Smart, Reliable & Durable



Naturally innovative



Non clogging water distribution

- Unique design ensures the whole pad is saturated at all times
- Even continuous flow of water
- Maximises the cooling effect and outperforms competitors products

Clean and Dry function

- Automatic water draining when unit not in use
- Prevents algae growth
- Maintains clean unit
- Avoids seasonal maintenance*

*Seasonal maintenance as required with other units. Seasonal maintenance does not preclude the Regular Maintenance as required for maintaining peak performance.



Long life Chillcel® pads

- Breezair's unique Chillcel pads provide maximum cooling
- Honeycomb design optimises the cooling effect
- Durable design outlasts competitive products

25 Year Cabinet Guarantee

- 25 year cabinet guarantee
- UV resistant
- Non fading
- Non rusting
- Non discolouring

AUTOWeatherseal™

- Clever automatic sealing system
- Assists in preventing draughts and dust
- No need for unsightly winter covers



Climate control

Take control

Convenient remote control

Horizon remote control option

- Convenient hand held remote control
- Variable climate adjustment
- Drain feature
- Glow in the dark controls
- User friendly



Functional wall control

Harmony SensorTouch[®] wall controller

- Sensor touch
- Backlit screen
- Space efficient, easy to find, unobtrusive wall mount
- Variable climate control

Compucool[®] Sizing System

To optimise performance, this revolutionary system assists your Breezair dealer to determine the system ideally suited to your individual location, budget, residence and lifestyle. This takes away any guess work on unit selection, providing you with confidence that the Breezair you install is the right Breezair for your home.



Naturally Australian

- Australia's largest manufacturer of residential, commercial, and industrial evaporative air conditioners
- Australian owned and manufactured
- Global reputation for innovation
- Export to more than 70 countries
- Tried and tested in extreme hot climates from the Sahara to Alice Springs

Extra cooling with roof hugging profile

The Breezair Mirage™ series really lives up to its name. Because with its amazingly low profile, the Mirage hugs the roofline, blending in beautifully, enabling it to be unobtrusive from the street. The sloping base sits close to your roof, hiding most of the plumbing and allowing the Mirage to sit neatly, providing clean, sleek lines and whisper quiet operation and unlike some other brands, it has extra pad area for more cooling, naturally.



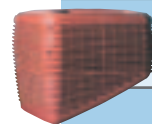
ICON® SERIES Features/Benefits

	EXH SERIES	EXH & EZH SERIES		Comparison Checklist
	Homemaker	Harmony	Horizon	
Fully trained accredited dealer network	✓	✓	✓	
Australia's leading brand	✓	✓	✓	
Inexpensive to run	✓	✓	✓	
Rounded, softer, low profile design	✓	✓	✓	
Colours: Beige, Terracotta, Slate Grey, Heritage Green	✓	✓	✓	
90mm thick Chillcel® pads	✓	✓	✓	
Unique non-clogging water distributor for better cooling	✓	✓	✓	
Quiet, lightweight centrifugal fan	✓	✓	✓	
Super efficient Hushpower® motor	✓	✓	✓	
Super efficient WATERmiser™		✓	✓	
Clean and dry function		✓	✓	
AUTOWeatherseal™ damper reduces draughts	✓	✓	✓	
Permatuf® polymer injection moulded construction lasts longer	✓	✓	✓	
SensorTouch® wall control	✓	✓		
SensorTouch® remote control			✓	
LCD display	✓	✓	✓	
Ten comfort level settings	✓	✓	✓	
Programmable timer (one event)	✓	✓	✓	
24 hour auto repeat timer	✓	✓	✓	
Pre-cool cycle (optional setting)	✓	✓	✓	
Thermostatic control	✓	✓	✓	
Ventilation setting	✓	✓	✓	
Energy save setting			✓	
Time of day display (clock)			✓	
Warranty: parts and labour (+2 year optional)	3yr	3yr	3yr	
Structural guarantee	10yr	10yr	10yr	
Cabinet corrosion-free guarantee	25yr	25yr	25yr	

SPECIFICATIONS

**The "Rated Cooling Performance" has been measured by Meridian Laboratories (NATA Accredited) in accordance with Australian Standard AS 2913-2000, which defines the cooling capacity of evaporative airconditioners under standardised conditions. The conditions specified include: Inlet dry-bulb temperature 38°C, Inlet wet-bulb temperature 21°C, and comfort dry-bulb temperature 27.4°C, all measured with a system static pressure of 80Pa. As Breezair strives for continuous product improvement these specifications are subject to change without notice. Evaporative cooling performance is affected when high humidity conditions exist. Don't be misled, ensure your cooler has been tested for actual performance in accordance with AS 2913-2000.*

Model	Nominal Power Motor(w)	Width (mm)	Depth (mm)	Height (mm)	Shipping Weight (kg)	Dropper (mm)	Capacity* (kW)
EXH130	500	1160	1160	660	71	550x550	8.4
EXH150	550	1160	1160	860	77	550x550	9.8
EXH170	750	1160	1160	860	77	550x550	12.6
EXH190	1100	1160	1160	860	77	550x550	14.4
EXH210	1500	1160	1160	860	78	550x550	15.2
EZH175	750	1160	1160	1050	82	550x550	11.6
EZH215	1500	1160	1160	1250	89	550x550	15.4



Naturally excellent

The World's most advanced cooler inside and out.

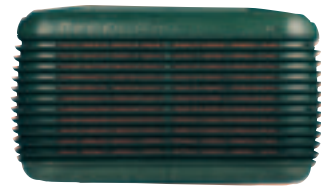
In addition to blending into the roofline of your home, all Breezair® Permatuf® cabinets are constructed from an advanced UV resistant structural injection moulded polymer that will never rust, fade, or discolour.

Made to measure

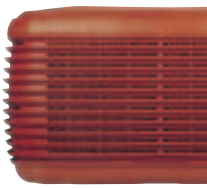
Breezair's comprehensive range of air conditioners is second to none. Regardless of the application - domestic, commercial or industrial, Breezair have the solution to your cooling needs.

Built-in peace of mind

Every Breezair system comes to you complete with built-in peace of mind. But what else would you expect from the maker of the world's most advanced evaporative air conditioner.



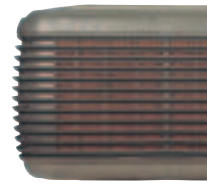
Heritage green



Terracotta



Beige



Slate grey

Available in 4 colours

* Colours may vary slightly from those depicted

3 year warranty on parts and labour.



Unconditional 10 year guarantee on all structural components.



25 year corrosion-free guarantee on the Permatuf injection moulded cabinet..



Warranty extension packages

Extend the standard 3 year parts and labour warranty, by an additional 2 years, for a small charge.



Warranty conditions are subject to property access and Industry safety standards. Ask your accredited Breezair dealer for a copy of the full terms and conditions of warranty applicable to a Breezair unit/installation.

Naturally safety conscious

Legionnaire's Disease is NOT a hazard with wet-pad, dry sump evaporative cooling systems like Breezair. The following data should dispel any concerns:

- The Legionella bacteria exist throughout nature – in water and soil but usually at levels that are harmless.
- To proliferate to levels considered hazardous requires water temperature of around 37°C, together with a source of nutrients.
- An evaporative cooler operates with its water temperature close to the wet-bulb temperature, which rarely exceeds 24°C.
- The Legionella bacteria can only be inhaled if carried in aerosol water droplets.
- Breezair WATERmiser dumps water after non use to prevent any bacterial build up.
- Breezair WATERmiser leaves the cooler tank clean and dry when not in use.

- A properly designed wet-pad, dry sump evaporative cooler, like the Breezair, actually evaporates water from the pad surface, never producing an aerosol mist. By contrast, some cooling towers linked to refrigerative air conditioning systems, circulating water at well above 37°C, can still produce aerosol mists. Consequently, most outbreaks of Legionnaire's Disease have been traced to refrigerative air conditioning cooling towers, but never to evaporative coolers.

Conclusion Therefore, in wet-pad, dry sump evaporative air conditioners such as Breezair, none of the conditions necessary for either the proliferation or the transmission of Legionnaire's Disease, is ever present.



Breezair[®] cooling Performance in KW

Brand	Model	Nominal Motor Power (W)	Claimed KW of cooling	Actual KW of cooling*
Breezair	EXH130	500	8.4	8.4
Breezair	EXH150	550	9.8	9.8
Breezair	EXH170	750	12.6	12.6
Breezair	EXH190	1100	14.4	14.4
Breezair	EXH210	1500	15.2	15.5
Breezair	EZH175	750	11.6	11.6
Breezair	EZH215	1500	15.4	15.4

The above analysis was drawn from Meridian Laboratories test analysis. The testing was performed by a NATA accredited laboratory to the requirements of the Australian standard AS2913-2000 "Evaporative Air Conditioning Equipment". Achievable with ambient 38°C DB, 21°C WB, when room temperature is 27.4 °C.

Cooling performance comparison



Seeley International, manufacturers of Breezair, has tested its Evaporative Coolers according to AS2913-2000. This is the Australian Standard for the testing of Fixed Evaporative Air conditioners and demands that all such air conditioners be tested as **complete units**. The standard states in clause 3.1.1d-1 "Performance ratings relate to the actual performance of the fully assembled equipment as supplied, not to the component parts prior to assembly." Australian Standard AS2913-2000.

All test results commissioned by Seeley International of both **their own** and **competitive** air conditioners, have been carried out in this prescribed manner. Based on AUSTRALIAN STANDARD mandatory testing procedure, published above are the actual **cooling performances** for various Breezair models.



Another quality Seeley International product



Quality
Endorsed
Company

ISO 9001 (2000) Lic 391
Standards Australia

ABN 23 054 687 035

For your nearest Accredited Dealer

1300 360 651

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The information appearing in this brochure is correct as at the time of preparation.