



The leaders in heating and cooling

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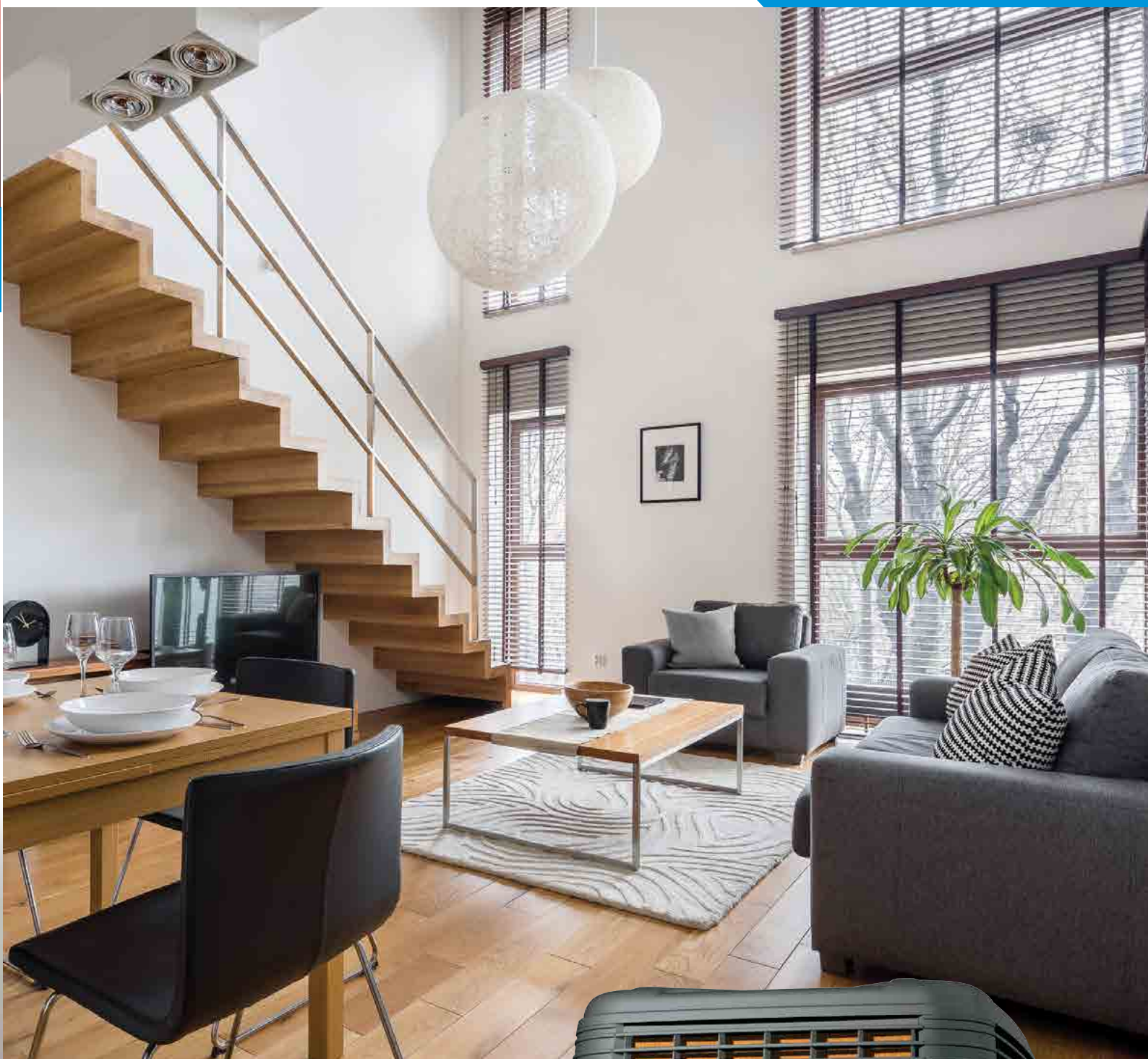




BONAIRE®

The leaders in heating and cooling

Ducted Evaporative Air Conditioning Range



Whole of
Home Cooling



What is ducted evaporative cooling and how does it work?

Ducted evaporative cooling is a whole of home solution that allows you to cool the entire house using just one system. **And with power prices in Australia now higher than average prices paid by comparable OECD countries, never before has evaporative cooling been more clearly the best way to keep your cooling energy costs at a manageable level.***

The outdoor unit is usually located on the roof of the home and installed on a dropper duct. Cool air is drawn from outside, passed through moistened filter pads then circulated throughout the home via a network of ducts.

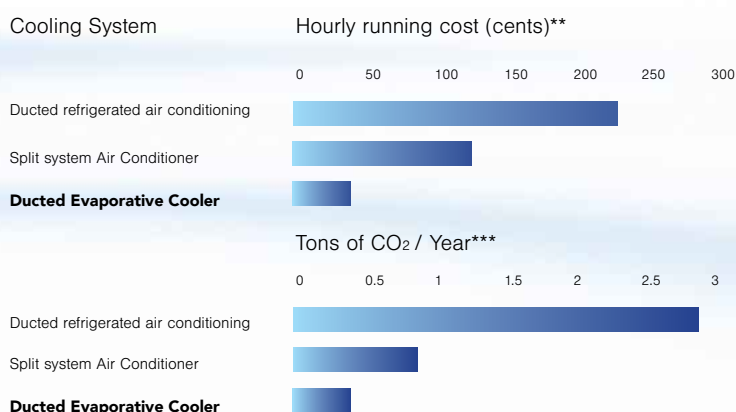
A ducted evaporative cooling system delivers clean fresh, naturally cooled air throughout your home. Doors and windows are left open to exhaust the air. The clean filtered air leaves your home free of any contaminants.

Key benefits of ducted evaporative cooling

The key benefit of ducted evaporative cooling is whole of home cooling that is significantly cheaper to install and significantly cheaper to run than standard ducted refrigerated airconditioning systems that usually operate as a zoned system.

Evaporative cooling is the healthy choice, circulating clean, fresh, naturally cooled air throughout your home, compared to recirculated air used in ducted refrigerated airconditioning systems. The clean, filtered air is soft and gentle on the eyes and nose and does not dry out the skin which is often better for hay fever and many asthma sufferers.

Evaporative cooling is environmentally friendly, producing less CO₂ greenhouse gases than a standard ducted refrigerated or wall hung split system.



*Source - Mark Intell Report prepared for One Big Switch, July 2016

**SA Gov Summer Cooling Guide 2015-16. Based on a conditioned area of 125m²

***SAEV Victoria. Choosing a cooling system November 2002

Why choose Bonaire®?

Australian manufactured.

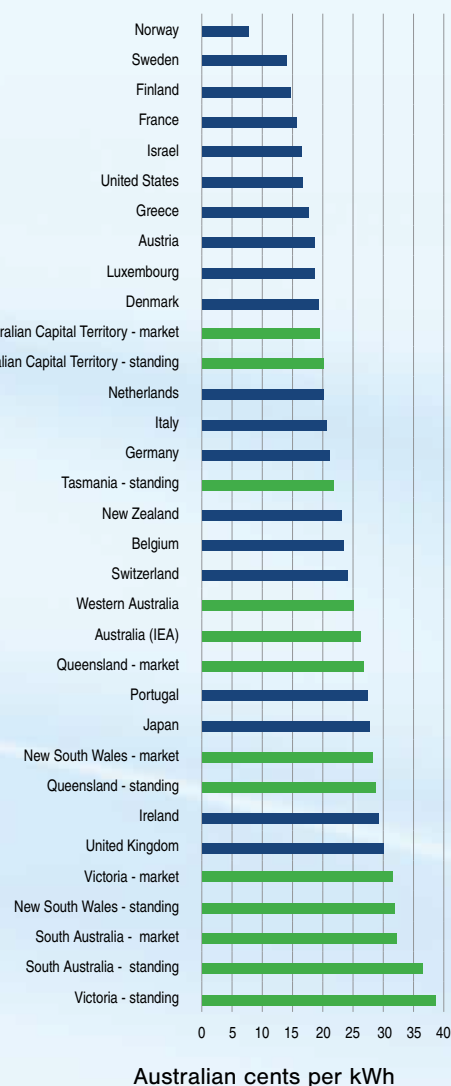
As a leading manufacturer of evaporative coolers, Bonaire has been providing homes with fresh, natural airconditioning for over 60 years. We are dedicated to manufacturing world class evaporative coolers.

Using proven technology we create intelligent, user friendly systems that maximise efficiency whilst being economical to own and operate. We are ISO9001 quality accredited and constantly strive to introduce product improvements and refinements to ensure that the Bonaire name is synonymous with quality and innovation.

All Bonaire products are backed by our own company operated service division providing the highest levels of after sales service to our customers.



Household prices exclusive of taxes
(market exchange rates)



Built for Australian conditions

Bonaire coolers have been designed and manufactured to provide effective and efficient cooling to suit Australia's harsh temperature extremes. The quality, durability, and reliability of the Bonaire product is now recognised worldwide resulting in the products being sold to many countries around the world.

Bonaire® provides you with Peace of Mind

Bonaire Specialists

In order to ensure that your Bonaire system is correctly designed and installed we have a network of authorised and accredited specialist Dealers.

These specialists undertake regular training to maintain their expertise in system requirements which will ensure your Bonaire cooler is installed to the highest standards.



Bonres® Unit Selection Guide

At Bonaire we understand that every home is different. That's why we have developed Bonres® sizing and design software that enables your Bonaire specialist dealer to accurately select the perfect Bonaire evaporative cooler for your home.



After using the Bonres® unit selection guide and having the Bonaire ducted cooler correctly installed and commissioned by a licensed Bonaire specialist, if the Bonaire unit does not perform to specification, Bonaire will repair or replace the Bonaire unit free of charge, or refund your money.

Combine the benefits of Bonaire evaporative cooling with Bonaire ducted gas heating.

Bonaire lets you enjoy complete heating and cooling comfort all year round at the touch of a button. Bonaire's ducted evaporative cooler can be combined with a Bonaire ducted gas central heater using just one controller.

You have the choice of installing Bonaire heating at the same time as your Bonaire cooling, or simply add it at a later date.

Bonaire's range of ducted gas heaters suit any size home or budget, have low running costs and are easy to install.

Ask your Bonaire dealer for a Bonaire ducted gas heating brochure.





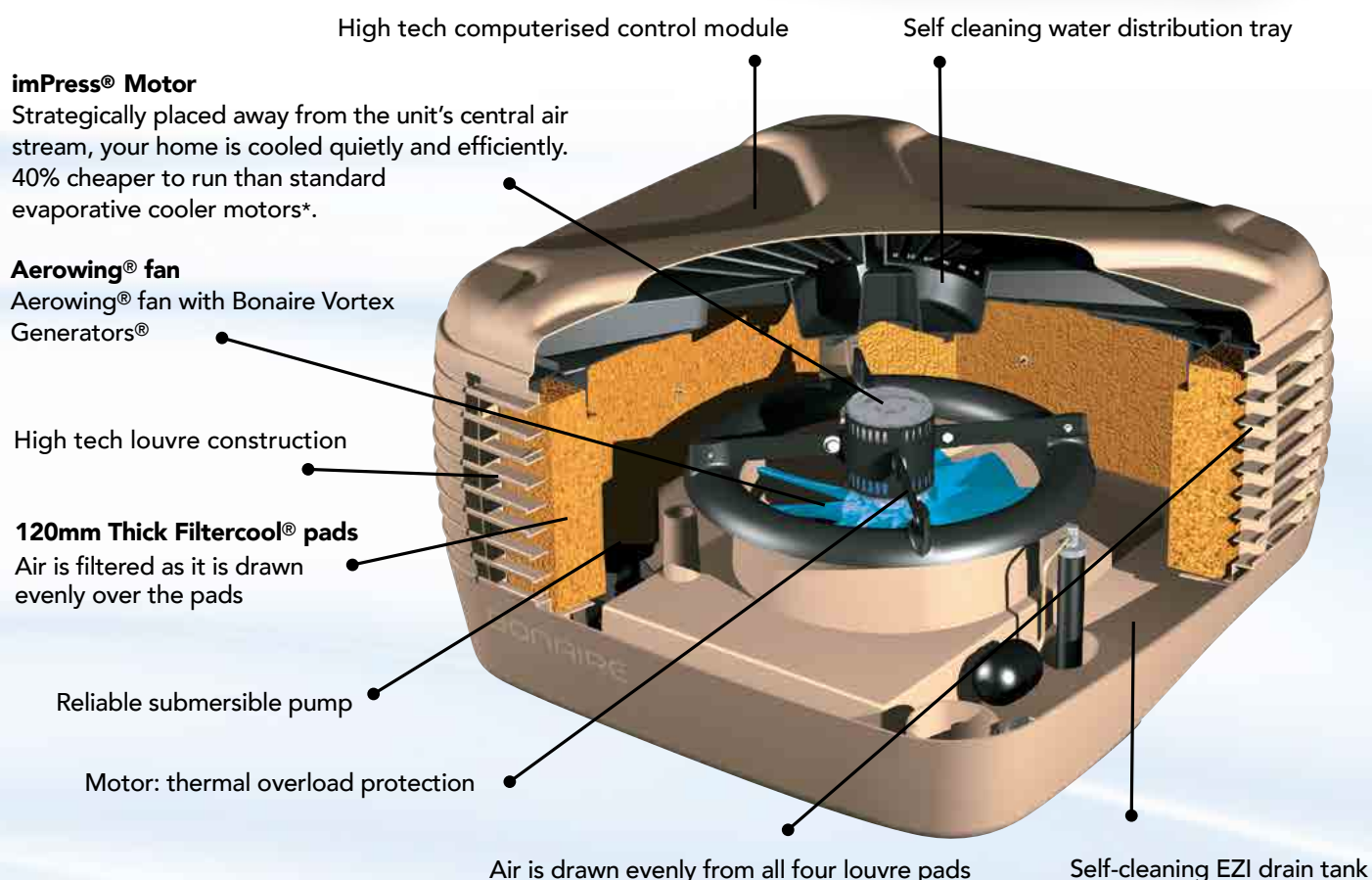
Bonaire Pinnacle®. The Pinnacle in Evaporative Cooling

The engineering team at Bonaire continually research and source the latest developments in evaporative cooling technology.

This has culminated in the development of an evaporative cooler that provides the ultimate in efficient cooling that operates at considerably less running costs than standard coolers and include some of the most advanced operational features of evaporative coolers today.

That evaporative cooler is the Bonaire Pinnacle.

So if you are looking for the ultimate in ducted evaporative cooling, then the Bonaire Pinnacle is the only choice for you.



® imPress is a registered trademark of Regal Beloit Australia Pty Ltd

The Bonaire Pinnacle® now comes with a standard 7 year warranty

For added peace of mind, the Bonaire Pinnacle comes as standard with a 7 year warranty Both the cabinet and parts are also covered by extensive warranties.

Note: Domestic warranty only. Unit warranty for commercial applications is one year parts and labour. For further information on warranty terms and conditions please refer to Bonaire's warranty information booklet.



Bonaire Pinnacle® Evaporative Cooling

Innovative ImPress® Motor Technology

Developed for use in the Australian solar car "Desert Rose" from Charles Darwin University that won the prestigious award for Technical Innovation in the World Solar Challenge, the ImPress motor used in the Bonaire Pinnacle utilises axial flux motor technology delivering energy savings up to 40%* on standard motors with reduced noise.



Advanced Bonaire Aerowing® Fan Design

Exclusive to Bonaire, the Bonaire Aerowing Fan was designed with the assistance of a leading aircraft designer. The secret to this fan's performance is its unique "paddle" fan blade design with Bonaire Vortex Generators® on top of each fan blade. This enables the fan to achieve more airflow and less noise as the fan spins at less RPM than other noisier fan blades.



Stylish Strong Cabinet Design

Bonaire's sleek design fits snugly onto the profile of your roof. The sloped base tank holds less water than many flat based units. All Bonaire units are constructed using an injected moulded high strength plastic that is UV stabilised.



Bonaire Humidity Management System

The Bonaire Humidity Management System allows for automatic air moisture control of the cooled environment tailored to your household needs. Once this option is selected, the Bonaire Pinnacle adjusts the Water Management System for low, medium and high ambient humidity conditions to optimise comfort level.



Bonaire Air Ioniser

The Bonaire Air Ioniser electrically charges the air molecules in the airstream. Negative ions are generated, purifying the air before it is discharged into your home.



Bonaire Water Management With Salinity Sensor

The Bonaire Pinnacle uses a water quality salinity sensor in conjunction with a submersible pump to determine the optimal time that the water in your cooler needs to be replaced. This ensures efficient unit operation and limits potential excessive calcium build up. After operation the Bonaire water tank is drained dry and clean.



Pad Clean Function

Bonaire's Pad clean function enables you to clean the Filtercool® filter pads before unit operation ensuring that your Bonaire cooler operates at maximum efficiency.

Bonaire PreCool®

Bonaire's PreCool function enables the Filtercool® filter pads to be pre-moistened before unit operation meaning that you will have cool, fresh air as soon as the Aerowing fan starts operating.

Bonaire Exhaust Function

Available on the Bonaire Pinnacle where an Filtercool® duct shutter has not been installed, the Bonaire Exhaust Function allows you to run the fan in reverse drawing hot air or cooking odours from your home.



*40% cost saving based on the running costs of a 950W ImPress® motor versus a standard 950W induction motor operating for 960 hours with electricity costs at \$0.35 per kW/Hr.

Integra II

Bonaire Integra® II. The Premium Choice

The Bonaire Integra II has many of the features of the Bonaire Pinnacle, utilising the same stylish cabinet design, Bonaire Humidity Management System, 120mm Filtercool® filter pads and advanced Bonaire Aerowing® fan. Bonaire Integra II also comes with Bonaire PreCool® and Pad Clean functions.



Techdrive® Motor Technology

The specifically developed motor is designed to run quietly. The motor windings are triple coated to ensure durability and longevity of the cooler operation.



Bonaire H2Optimiser®

This clever device is designed to manage the water quality in your cooler by minimising water usage whilst still ensuring that the system has the correct amount of water to guarantee efficient operation and limit potential damage from excessive calcium build up.

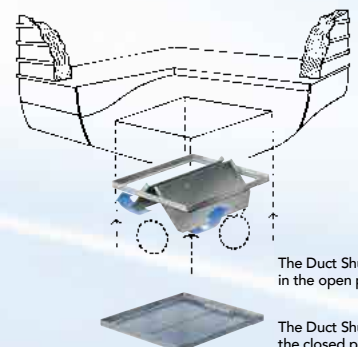


Humidity Management System

The Bonaire Humidity Management System allows for automatic air-moisture control of the cooled environment tailored to your household needs. Once this option is selected, the Bonaire Integra II adjusts the Water Management System for low, medium and high ambient humidity conditions to optimise comfort level.

The Enviroseal® Duct Shutter

Available as standard on both Bonaire Pinnacle and Bonaire Integra II, during the months when your unit is not in use. Bonaire's Enviroseal duct shutter keeps warm air in and draughts out. It's fully automatic and fits into the duct of your evaporative cooling system. Installation of the Bonaire Enviroseal contributes to bushfire protection as it is compliant with AS 3959-2009 up to BAL29.



The Duct Shutter in the open position

The Duct Shutter in the closed position

Warranty

The Bonaire Integra II come with a 5 year parts and labour domestic warranty.

Both the cabinet and parts are also covered by extensive warranties. Ask your Bonaire dealers about the extended 7 year warranty option.

Note: Domestic warranty only. Unit warranty for commercial applications is one year parts and labour. For further information on warranty terms and conditions please refer to Bonaire's warranty information booklet.



Summer Breeze

Bonaire Summer Breeze®. The Value Choice

The Bonaire Summer Breeze is the value for money choice.

Ideal for both new homes and changeover installations, the Bonaire Summer Breeze has been specifically developed to provide a quick easy changeover for many old evaporative coolers. All units can be installed on a standard sized dropper duct.

So when it comes to replace your old evaporative cooler, by choosing a Bonaire Summer Breeze you get a more efficient unit usually with far more features than you have ever had before.

The Bonaire Summer Breeze has an injected moulded polymer cabinet construction and sloping base tank. It comes standard with the Bonaire water management system featuring a submersible pump and H2Optimiser. Available in three colours: Charcoal, Terracotta Red and Beige.

Techdrive® Motor Technology

The specifically developed motor is designed to run quietly. The motor windings are triple coated to ensure durability and longevity of the cooler operation.

Greater Airflow

Advanced engineering design puts the Bonaire Summer Breeze at the forefront of airflow delivery. The Summer Breeze unit draws air evenly over all four Filtercool® pads to deliver optimal airflow performance.

Warranty

The Bonaire Summer Breeze comes with a 5 year parts and labour domestic warranty. Both the cabinet and parts are also covered by extensive warranties.

Note: Domestic warranty only. Unit warranty for commercial applications is one year parts and labour. For further information on warranty terms and conditions please refer to Bonaire's warranty information booklet.



State of the Art Control Options

Navigator® Remote Control With Humidity Sensor

If you are after the very latest in controls and technology, the Navigator wireless radio frequency control is for you. This controller allows you to change settings without leaving the comfort of your armchair.

- Wireless radio frequency
- NEW Humidity Management Mode to automatically control air moisture
- Multiple controller option – up to 4 controllers
- Able to operate from room to room
- Thermostat comfort sensing from any room with an outlet
- Large, clear and easy-to-read backlit LCD display
- Customised operational settings
- Diagnostics and error reporting
- Optional controlling of multiple appliances
- Easy to operate in 4 selectable operating modes
- 24 hour programmable start and stop times
- Bonaire 4, 5 and 6 star Gas Central Heating and Bonaire Dual Cycle NB: Blue screen for cooling, orange for heating



Navigator® Hard Wired Control With Humidity Sensor

The wall mounted Navigator Controller has all of the features of the wireless, but is fixed in the living areas of your home. It will maintain temperatures and operation and allow all setting changes from a fixed location.

- Large, clear and easy-to-read backlit LCD display
- NEW Humidity Management Mode to automatically control air moisture
- Customised operational settings
- Diagnostics and error reporting
- Optional controlling of multiple appliances
- Easy to operate in 4 selectable operating modes
- 24 hour programmable start and stop times
- Bonaire 3, 4, 5 and 6 Star Gas Central heating and Bonaire Dual Cycle.
- Multiple control option – 1 wall mounted and up to 3 Navigator Remote Controls



My Climate® Wi-Fi

Bonaire's My Climate Wi-Fi control allows you to control your ducted evaporative cooler, ducted gas heater or dual cycle airconditioner from your Smart Device.

My Climate Features:

- Wi-Fi control that is compatible with most smart devices
- Utilises existing home Wi-Fi network or mobile network.
- Remote access function allows you to turn on your appliance from work or when you are out.
- Directly syncs with the main thermostat control.
- My Climate Wi-Fi control requires installation of a Navigator hard wired or remote wireless thermostat.



Slimline Digital Manual Control

- Slimline Digital Controller
- Easy to operate and simple timer operation
- Small, compact and slimline
- Option to control multiple Bonaire appliances
- Clear and easy-to-read LCD display
- Compatible with 3 star ducted gas heating.



Bonaire Fire Rated Evaporative Coolers

Installation of the Bonaire Enviroseal contributes to bushfire protection as it is compliant with AS3959.2009 up to bushfire attack level (BAL) 29. As further protection against bushfire, Bonaire units can be fitted with an optional stainless steel ember protection mesh. Talk to your local dealer for more information about this option.

Select the Bonaire® cooler that's right for you

Standard Features	Bonaire Pinnacle	Bonaire Integra II	Bonaire Summer Breeze
imPress super-efficient axial flux motor	•		
Techdrive motor		•	•
Quiet Aerowing low RPM fan	•	•	•
Submersible Pump	•	•	•
Super strong cabinet	•	•	•
Sloping base tank design	•	•	•
H2Optimiser water management system with salinity sensor	•		
H2Optimiser water management system		•	•
120mm Filtercool Filter Pads for greater efficiency	•	•	
Enviroseal duct shutter	•	•	
PreCool Function	•	•	•
Pad Clean Function	•	•	
Humidity Management System*	•	•	
Air Ioniser	•		
Exhaust Function**	•		
7 Year Parts & Labour Warranty	•		
5 Year Parts & Labour Warranty		•	•
7 Year Warranty Option		•	
10 Year Cabinet Parts Warranty	•	•	•
25 Year Cabinet Corrosion Warranty	•	•	•
Low running costs	•	•	•
Whole of home cooling	•	•	•

*Humidity Management System is only available with the following models; CRE6070180, CRE6070200, CRE6070055, CRE6070065, CRE6070075

**Exhaust function only available if Enviroseal duct shutter is not installed.

Optional Features

WiFi Control	•	•	•
RF Navigator Control with Humidity Management Mode*	•	•	
Hard Wired Navigator Control with Humidity Management Mode*	•	•	
Slimline Manual Digital Control		•	•
Enviroseal duct shutter			•

*Navigator Control with Humidity Management Mode is only available with the following Navigator models; HAX10003572, HAX10003573

Colours

Charcoal	•	•	•
Terracotta Red	•	•	•
Beige	•	•	•



Technical Data

Bonaire Pinnacle Unit Specifications

Models	Motor Size	Height	Height	Width	Dry Weight	Dropper Size
		Front	Back			
	Watts	(mm)	(mm)	(mm)	(kg)	(mm)
PEM180	880	790	681	1192	65	550 x 550
PEL200	880	1047	937	1192	80	550 x 550

Bonaire Integra II Unit Specifications

Models	Motor Size	Height	Height	Width	Dry Weight	Dropper Size
		Front	Back			
	Watts	(mm)	(mm)	(mm)	(kg)	(mm)
VSS55	600	683	573	1192	61	550 x 550
VSM65	950	790	681	1192	65	550 x 550
VSL75	950	1047	937	1192	80	550 x 550

Bonaire Summer Breeze Unit Specifications

Models	Motor Size	Height	Height	Width	Dry Weight	Dropper Size
		Front	Back			
	Watts	(mm)	(mm)	(mm)	(kg)	(mm)
SBB800	600	790	680	1100	55	550 x 550
SBB950	750	990	880	1100	65	550 x 550
SBB1200	950	990	880	1100	67	550 x 550

Unit Sizing and Performance

All evaporative air conditioners vary in performance according to the architectural features of a home and different climatic conditions in Australia. The Australian Standard AS2913-2000 for Evaporative air conditioning equipment (Standard), Appendix A, provides a method by which cooling performance of evaporative air conditioner systems can be calculated. However, this Calculation of Rated Cooling Performance, is not an integral part of the Standard and is an "informative" appendix for information and guidance only.

Bonaire has adopted an alternative method by which it calculates the performance of evaporative air conditioning systems than that provided in the Standard for information and guidance purposes, and recommends using the Bonres® Unit Selection Guide as the only reliable method of determining the cooling capacity of a Bonaire unit in your home.

