

Ducted Gas Heating

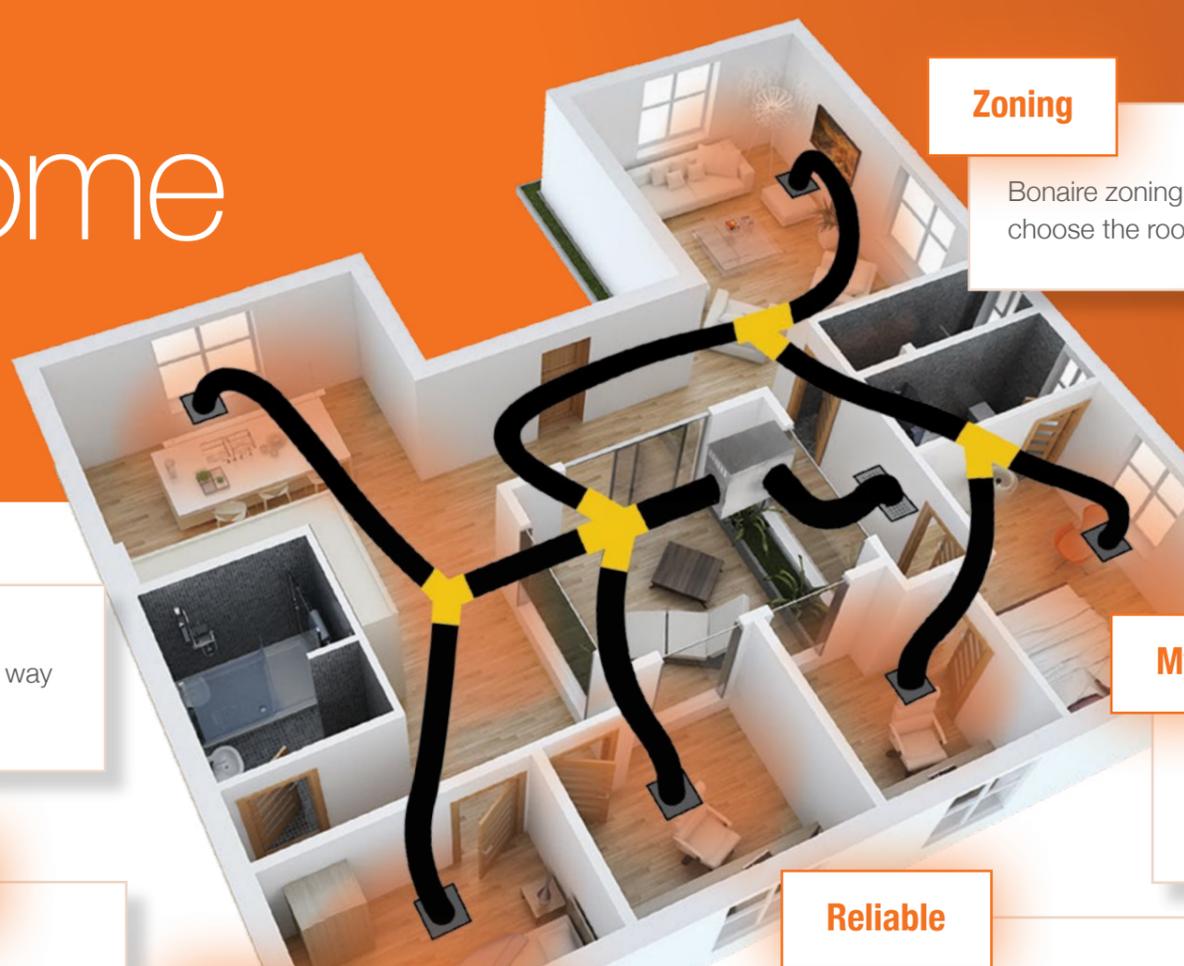
The effective way to heat your whole home

NOW WITH
My Climate
**WiFi
CONTROL**



 **BONAIRE**[®]
The leaders in heating and cooling

Whole home heating



Bonaire® provides you with Peace of Mind

Heats up Fast

Ducted gas heating is the fastest way to heat up your whole home

State of the art controls

Bonaire uses advanced control technology. Our RF remote control has its own inbuilt thermostat so you can take the control anywhere in your home

Multiple Thermostats

You can have up to 4* different thermostat controls with Bonaire

Zoning

Bonaire zoning technology allows you to choose the rooms that you wish to heat

Low Running Costs

Bonaire has a range of 3,4,5 and 6 star ducted gas heaters that can save you up to 30% on your energy bill

My Climate® WIFI Control

Optional "My Climate" WIFI control that enables you turn on your heater remotely and control your heater with your smart device

Reliable

For over 60 years Bonaire has been providing homes with state of the art, efficient and affordable heating systems

Bonaire – the leaders in heating & cooling

How does Ducted Gas Heating Work?

Ducted gas heating is a whole of home solution that allows you to heat the whole house using just one system. The heating unit is usually installed in the roof space or outside the home.

The heating unit is connected to a network of ducts and outlets. The outlets are placed in your home in either the ceiling or the floor. The air from the outlets circulates throughout your home then passes through a return air grille and back through the heater to be warmed again. Your controller lets you set both the temperature and the rooms that you want to heat if you have zone motors connected.

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 heater is installed to the highest standards. Call 1300 Bonaire or log on to www.bonaire.com.au to contact your nearest Bonaire specialist.

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 ducted gas heater for your home. After using the Bonres® unit selection guide and having the Bonaire ducted heater 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.



As one of Australia's leading heating and cooling brands, Bonaire has been providing homes with state of the art, efficient and affordable heating systems for over 60 years. Using proven technology we create intelligent, user friendly systems that maximise energy efficiency whilst being economical to own and operate.

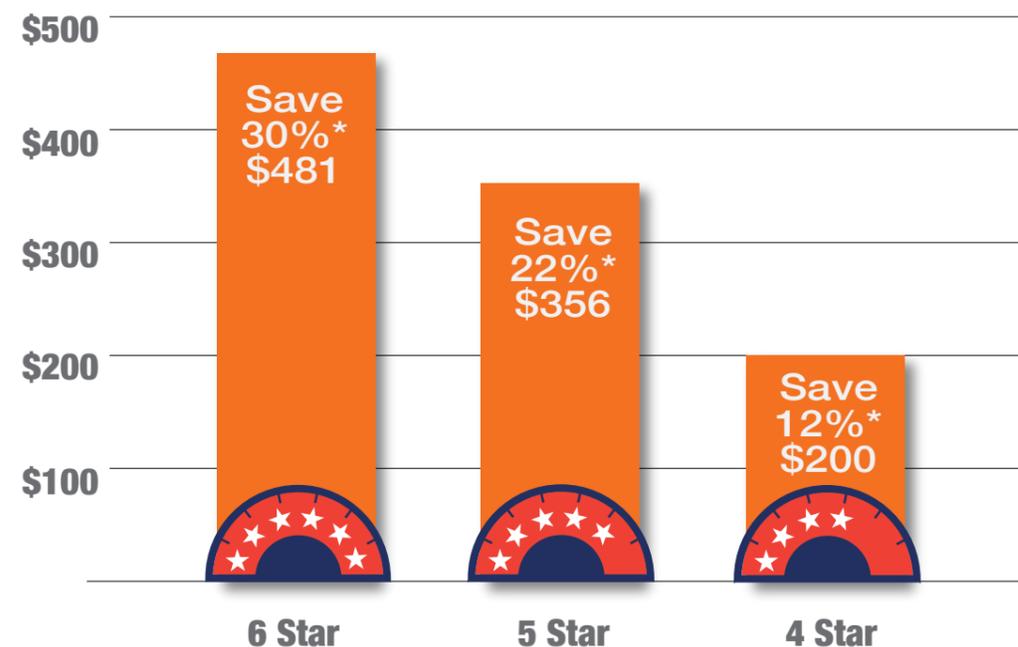
Australian owned, we are ISO9001 quality accredited and constantly strive to introduce product improvements and refinements to ensure that the Bonaire name is synonymous with quality and innovation. All Bonaire products are backed by our own company operated service division providing the highest levels of after sales service to our customers.



* 4 Zones standard, individual zone motors supplied and installed by air conditioning retailer at additional cost.

Which star rating should I choose?

All ducted gas heaters are supplied with an Energy Star rating label. These labels provide details of the amount of gas each unit will consume over a normal winter. It's an indicative guide that outlines the running cost of the heater in terms of annual energy usage. The more efficient the heater the higher the star rating. The higher the star rating the more money you can potentially save on running costs. On average an increase of one star means energy savings of approximately 10 percent



* The running cost data used to determine these results is based on Australian Standard AS4556-2011. This standard determines a house heat load of 0.2 Mega joules per hour per cubic meter of living area heated over 600 hours of operation. Savings are specifically based as a comparison with a three star ducted gas heater. Calculations for gas usage are based on the Average House Floor Area (with 2400mm ceiling) for new homes as published by the Australian Bureau of Statistics from a study commissioned by Commsec in 2013. The calculations were specifically based on the Annual Energy Consumption in accordance with the AGA Star ratings for Ducted Gas systems and using a gas cost of 1.6 cents per MJ/HR. Savings should be seen as a guide only as actual heating performance and therefore savings, may vary due to a number of factors including home construction and size, gas costs, heater usage, and zoning.

Bonaire MB6

The Ultimate in 6 star efficiency

If you are looking for the ultimate in efficiency and performance the Bonaire MB6 6 star ducted gas heater will provide you with the ultimate in heating comfort.

The MB6 uses a primary and secondary heat exchanger which combined gives you a six star energy efficiency rating. When you add this level of efficiency to Bonaire's predictive logic modulation system which modulates both the gas rate and the room air fan, you can achieve the ultimate in comfort without excessive energy bills.

The MB6 also has the ability to reduce the heating capacity to as low as 10%* allowing you to further reduce your energy costs if you only want to heat a small area of your home.

The MB6 series also offers the choice of Navigator Wall Mounted Controller or the Navigator Radio Frequency (RF) Remote Controller. Both are fully programmable for automatic operation and capable of running up to 8 integrated zones.** You can also operate your MB6 heater with Bonaire My Climate WIFI control.

Bonaire MB6 Features:

- 6 star efficiency rating – more heat for each dollar you spend.
- High efficiency four stage heat exchanger
- Predictive logic modulation that automatically adjusts the gas rate as your home reaches set temperature
- Auto adjusting room air fan that works in unison with the predictive logic modulation, further reducing energy bills
- 4 zone control board as standard so you can heat only the rooms you need**
- Option of an 8 zone system for total comfort and maximum efficiency**
- Universal internal/external unit
- Compatible with Bonaire Dual Cycle refrigerated airconditioning
- Selected models available in ULPG

Warranty



The Bonaire MB6 Series Ducted Gas Heaters come with a 5 year parts and labour domestic warranty. Both the cabinet and parts are also covered by extensive warranties with a 10 year parts warranty on the burner. Ask your Bonaire dealer about the extended 7 year warranty



* Subject to zoning and duct requirements

**4 Zones standard with an option for 8. Zone motors supplied and installed by airconditioning retailer at additional cost.

Bonaire MB5

Compact with 5 star efficiency

The secret to the MB5's five star efficiency is its multi tube heat exchanger combined with a modulating gas valve which minimises gas usage and modulating room air fan.

The advanced technology of gas valve modulation is able to match the load requirements of your home reducing its heating capacity as low as 10%*.

This not only reduces gas consumption but also reduces electricity usage of the fan motor.

The MB5 series also offers the choice of Navigator Wall Mounted Controller or Navigator Radio Frequency (RF) Remote Controller. You can also operate your MB5 heater with Bonaire My Climate WIFI control.



Bonaire MB5 Features:

- 5 star energy efficiency rating
- Non condensing eliminating the need for a condensate drain
- Modulating gas valve automatically adjusts gas rate as the home approaches set temperature
- Auto adjusting variable speed room air fan further enhancing the benefit of modulation and energy savings
- Integrated four zone control standard, heat only the rooms you need when you need them**
- Unit can run as low as 10% of its total capacity.
- Option of an 8 zone system for total comfort and maximum efficiency**
- Compatible with Bonaire Dual Cycle refrigerated airconditioning
- Universal internal/external unit
- Selected models available in ULPG
- 5 year parts and labour warranty with 10 year parts warranty on the burner.
- 7 year warranty option



* Subject to zoning and duct requirements

** 4 Zones standard with an option for 8. Zone motors supplied and installed by airconditioning retailer at additional cost.

Bonaire MB4

The fully featured 4 star performer.

The MB4 achieves its four star efficiency with its multi tube heat exchanger combined with a modulating gas valve which minimises gas usage.

The MB4 is specifically designed to fit in small and compact spaces and offers the choice of Navigator Wall Mounted Controller or Navigator Radio Frequency (RF) Remote Controller. Both are fully programmable for automatic operation and capable of running up to 8 integrated zones.** You can also operate your MB4 heater with Bonaire My Climate WIFI control.

MB4 is also compatible with Bonaire Dual Cycle refrigerated airconditioning.



Bonaire MB4 Features:

- 4 star energy efficiency rating
- Modulating gas valve automatically adjusts gas rate as the home approaches set temperature
- Auto adjusting variable speed room air fan further enhancing the benefit of modulation and energy savings
- Integrated four zone control standard, heat only the rooms you need when you need them**
- Unit can run as low as 10% of its total capacity.
- Induced draft combustion for improved energy efficiency
- Option of an 8 zone system for total comfort and maximum efficiency**
- Compatible with Bonaire Dual Cycle refrigerated airconditioning
- 5 year parts and labour warranty with 10 year parts warranty on the burner.
- 7 year warranty option



* Subject to zoning and duct requirements

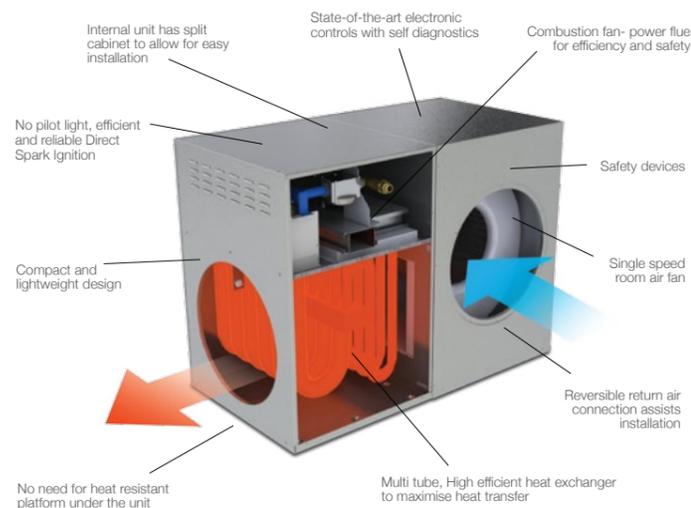
** 4 Zones standard with an option for 8. Zone motors supplied and installed by airconditioning retailer at additional cost.

Bonaire MB3

The affordable 3 star value

The Bonaire MB3 heaters are a three star rated series designed as an efficient solid performing unit with numerous features and packaged at a very affordable price.

When installed as part of a ducted system the MB3 will provide effective and efficient whole of home heating to keep out the chills of winter. All heaters are constructed with the Bonaire multi tube heat exchanger, electronic ignition and state of the art diagnostic control boards. Plus the heaters are supplied complete with the Bonaire Slimline Digital thermostat or the option of the Navigator wall mounted digital controller that allows you to preset four independent heating periods per day. With the Navigator you can just set and forget.



Bonaire MB3 Features:

- Multi tube heat exchanger delivering a three star energy efficiency rating
- Induced draft combustion for improved performance and energy efficiency
- Electronic ignition eliminating the need for a pilot light
- Slimline Digital thermostat included with the unit
- Simple, easy stop start timer
- Efficient operation
- Engineered and constructed in Australia for Australian conditions
- Designed to fit in small compact roof spaces
- Easy installation
- Three year parts and labour warranty
- Upgrade option to the fully featured Navigator wall mounted control



Controller Options

Navigator® Wireless RF Remote Control

If you are after the latest in controls and technology, the Navigator wireless remote control is for you.



This control allows you to operate the unit manually or in automatic where it will monitor and maintain comfort conditions for you. A built in thermostat means that wherever you go in your home the room temperature will be adjusted to the set temperature on the thermostat. All this without leaving the comfort of your armchair!

Navigator Wireless Remote Features:

- Wireless radio frequency remote control
- Inbuilt thermostat temperature sensing
- Ideal for two storey homes – take your thermostat upstairs with you
- Up to 4 wireless remotes per home
- Large, clear and easy to read backlit LCD display
- Customised operational settings
- Optional controlling of multiple air conditioners
- Full 7 day x 4 event programmable control
- Integrated 4 zone control as standard*
- Optional 8 integrated zones**
- Compatible with York Dual Cycle and Bonaire Evaporative coolers
- Diagnostics and error reporting

Navigator® Wall Mounted Controller

The wall mounted Navigator controller has all of the features of the wireless remote, but is wall mounted. It will maintain comfort conditions and operation and allow setting changes from a fixed location.



Navigator Hard Wired Features

- Multiple zone and thermostat option, up to 4 controllers***
- Large, clear and easy to read backlit LCD display
- Customised operational settings
- Full 7 day x 4 event programmable
- Integrated 4 zone control as standard*
- Optional 8 integrated zones**
- Compatible with Bonaire Dual Cycle and Evaporative coolers
- Diagnostics and error reporting

* 4 Zones standard, individual zone motors supplied and installed by air conditioning retailer at additional cost.

** 8 Zone system is an option supplied and installed by the air conditioning contractor.

*** Up to 2 wall mounted controllers or 1 wall mounted and up to 3 remote.



My Climate® WiFi

The latest technology in appliance control

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



Compatible with most IOS and Android devices, once you have purchased and installed the My Climate WiFi kit and downloaded the app, My Climate allows you to control your system utilising your existing home WiFi network or remotely through your mobile network. Remote access allows you to turn on your system when you are at work or out so you can return home to comfort.

My Climate WiFi will control all Bonaire 4, 5 and 6 star ducted gas heaters, ducted evaporative coolers and dual cycle refrigerated air conditioners.

My Climate Features

- WiFi control that is compatible with both IOS and Android smart devices
- Provides full unit control including temperature setting, 7 day programming and zoning control when zones have been installed.
- Allows the naming of each zone to match the room set up in your home
- Utilises existing home WiFi 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 WiFi control requires installation of a Navigator hard wired or remote wireless thermostat



Bonaire Zoning.

Reduce Your Energy Costs

The key benefit of zoning is that it allows you to heat selected areas in your home, saving on energy costs.

Available with Bonaire 4, 5 and 6 star units, Bonaire zoning allows you to have four integrated zones as standard, with the option to extend up to 8 integrated zones.

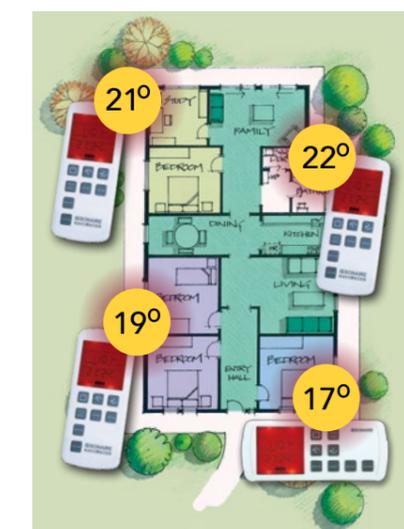
This enables you to turn on and off the zones that you have selected from your Navigator hard wired or remote control or your using your My Climate WiFi control.

Bonaire Zoning Features

- Integrated 4 zone control as standard*
- Optional up to 8 integrated zones**
- Heat only the areas that you want to heat
- Save energy costs by switching off unused zones
- Switching off unused zones helps reach your unit reach set temperature faster



* 4 Zones standard, individual zone motors supplied and installed by air conditioning retailer at additional cost.
 ** 8 Zone system is an option supplied and installed by the air conditioning contractor.



Multiple thermostats give you complete control

Bonaire 4,5 and 6 star heaters can operate up to 4* Navigator controllers.

This means you can have 4 different temperatures settings in four different zones, keeping all of your individual family members comfortable or just heat only the zones you need.

Alternatively you can have one controller to heat your home to a uniform temperature.

* 4 Zones standard, individual zone motors supplied and installed by air conditioning retailer at additional cost.

Bonaire Rhino®

Replace your old outdoor heater

When you have had ducted gas heating in your home, especially when it is for many years, you will never want any other form of heating.

Unfortunately all things wear out with age and, as technologies and efficiencies advance, there comes a time when you need to look at replacing your old ducted heater.

If your old heater is an external model mounted on an air distribution base box then the Bonaire Rhino will suit many installations of this type. Bonaire Rhino has been specifically developed to provide a quick easy changeover for many of the old externally installed gas heaters.

Bonaire Rhino Features:

- Available in 3, 4, 5 and 6 star energy efficiency ratings.
- Save on running costs with a more efficient heater.
- 4, 5 and 6 star units come standard with predicative logic modulation and auto adjusting room air fan.
- Quick and simple changeover.
- Save on installation costs with gas connection and power connections usually in the same location as your old heater.
- If the air distribution base box does not need replacing, then the Bonaire Rhino will usually fit on the existing box.
- Upgrade your heater thermostat control at the same time to a new Slimline digital thermostat, wall mounted or remote Navigator control.
- Remote Navigator control will save you the hassle of having to run new cabling from your heater to your thermostat control.*
- Compatible with My Climate WIFI control.
- 4 zone control board as standard so you can heat only the rooms you need.**
- Option of an 8 zone system for total comfort and maximum efficiency.**
- 5 year parts and labour warranty.



* Bonaire recommends that a Bonaire Rhino 4,5 or 6 star heater changeover installation is installed with a Navigator hard wired or remote control to enable modulation function.

** 4 Zones standard with 4,5 and 6 units with an option for 8. Zone motors supplied and installed by air conditioning retailer at additional cost.

*** Zone dampers and motors supplied by installer at additional costs

Bonaire – the year round choice for heating & cooling your home

Once you have chosen your Bonaire heating system why not combine it with some of the cooling options available from the Bonaire range.

Bonaire Dual Cycle® refrigerated air conditioning

At Bonaire we have worked very closely together with York, one of the biggest manufacturers of refrigerated systems in the world, to develop the optimum in heating and cooling systems.

The York systems have been perfectly matched to the Bonaire range of MB4, MB5 and MB6 heaters so that your heating and cooling system runs off the one controller and through the one common set of ductwork.



Bonaire York Dual Cycle Features:

- The entire systems operation, programming and zoning is controlled by one single Navigator control or through a My Climate WIFI control
- Uncompromised constant heating performance for when it gets really cold outside
- Fully combined heating and cooling comfort via a single ducting system
- Zone control as standard – choose the rooms you want to heat and cool*
- Integrated zoning control 4 zones standard or 8 as an option*
- Zoned refrigerated cooling*
- 5 year parts and labour warranty on York dual cycle systems



* System zoning is an option offered by the air conditioning contractor and are subject to individual customer needs and system design. Talk to your air conditioning contractor about a zoned system that best suits your lifestyle.

Bonaire Dual Cycle Matching Chart

Model	kW of cooling	Bonaire 4 Star Model	Bonaire 5 Star Model	Bonaire 5 Star NC Model	Bonaire 6 Star Model
DC12	12	MB4-20XA, MB4-25	MB5-21XA	MB5NC-21	MB6-23
DC14	13.6	MB4-20XA, MB4-25, MB4-30	MB5-21XA, MB5-30	MB5NC-21XA, MB5NC-30	MB6-23XA, MB6-31
DC16.5/17	16.5/17	MB4-30XA	MB5-30XA	MB5NC-21XA, MB5NC-30	MB5-23XA, MB6-31
DC20	20	-	-	MB5NC-30XA, MB5NC-35	MB5-31XA, MB6-35

Bonaire Evaporative Airconditioning

Your Bonaire 3, 4, 5 or 6 star unit can also be used in conjunction with a Bonaire Evaporative cooler.

A Bonaire evaporative cooling system is an economical way to cool your whole home.

In fact our ducted evaporative cooling systems offer significant savings on running costs compared to a standard ducted reverse cycle system.

The Bonaire evaporative cooler is operated from the same control as your Bonaire ducted heater and with the Navigator control you have many of the features that you enjoy with your gas heater.

You can even control both your Bonaire ducted gas heater and evaporative cooler with a My Climate WI FI control.



Bonaire MB3 Series 3 Star Rated Gas Heaters	MB3-14	MB3-20	MB3-25	MB3-30	MB3-30XA
Gas Type	Natural	Natural	Natural	Natural	Natural
Capacity					Internal only
Heat output kW/Hr (nominal)	14	18.5	25	28	28
Airflow @100pa	480	540	830	830	1050
MegaJoules	60	80	100	120	120
Star Rating	3.0	3.0	3.1	3.2	3.1
Typical number of 150mm outlets	5 to 9	7 to 11	9 to 14	10 to 15	10 to 20
Dimensions					
Length	845	845	895	895	895
Width	350	350	475	475	475
Height	620	620	670	670	670
Duct Connections supply and return	300	300	350	350	350
Return Air Grille filtered	900 x 500	900 x 500	1000 x 600	1000 x 600	1000 x 600

Bonaire MB4 Series 4 Star Rated Gas Heaters	MB4-14	MB4-20	MB4-20XA	MB4-25	MB4-30	MB4-30XA
Gas Type	Natural	Natural	Natural	Natural	Natural	Natural
Capacity			Internal only			
Heat output kW/Hr (nominal)	14	20	20	25	30	30
Airflow @100pa	480	540	830	830	830	1050
MegaJoules	60	80	80	100	120	120
Star Rating	4.0	4.4	4.4	4.0	4.4	4.4
Typical number of 150mm outlets	5 to 9	7 to 11	7 to 14	8 to 14	10 to 15	10 to 20
Dimensions						
Length	845	845	895	895	895	895
Width	350	350	475	475	475	475
Height	620	620	670	670	670	670
Duct Connections supply and return	300	300	350	350	350	350
Return Air Grille filtered	900 x 500	900 x 500	900 x 500	1000 x 600	1000 x 600	1000 x 600

Bonaire MB5 Series 5 Star Rated Non Condensing Gas Heaters	MB5NC-15	MB5NC-21	MB5NC-21XA	MB5NC-30	MB5NC-30XA	MB5NC-35
Gas Type	Natural	Natural LPG to order	Natural	Natural LPG to order	Natural	Natural
Capacity						
Heat output kW/Hr (nominal)	15	21	21	30	30	35
Airflow @100pa	540	770	1050	1050	1250	1250
MegaJoules	60	80	80	120	120	140
Star Rating	5.0	5.0	5.0	5.0	5.0	5.0
Typical number of 150mm outlets	5 to 9	7 to 11	7 to 14	8 to 15	8 to 20	8 to 20
Dimensions						
Length	845	845	894	894	894	894
Width	350	350	476	476	476	539
Height	618	618	658	658	658	658
Duct Connections supply and return	300	300	350	350	350	350
Return Air Grille filtered	900 x 500	900 x 500	900 x 500	1000 x 600	1000 x 600	1000 x 600

Bonaire MB6 Series 6 Star Rated Gas Heaters	MB6-18	MB6-23	MB6-23XA	MB6-31	MB6-31XA	MB6-35
Gas Type	Natural	Natural LPG to order	Natural	Natural LPG to order	Natural	Natural
Capacity						
Heat output kW/Hr (nominal)	18	23	23	31	31	35
Airflow @100pa	540	770	1050	1050	1250	1250
MegaJoules	60	80	80	120	120	140
Star Rating	6.0	6.0	6.0	6.0	6.0	6.0
Typical number of 150mm outlets	5 to 9	7 to 11	7 to 14	8 to 15	8 to 20	8 to 20
Dimensions						
Length	1074	1074	1124	1124	1124	1124
Width	350	350	476	476	476	539
Height	618	618	658	658	658	658
Duct Connections supply and return	300	300	350	350	350	350
Return Air Grille filtered	900 x 500	900 x 500	900 x 500	1000 x 600	1000 x 600	1000 x 600

Bonaire Rhino MBR3 & MBR4 Series	MBR3-20	MBR3-30	MBR4-20	MBR4-30
Gas Type	Natural	Natural	Natural	Natural
Capacity				
Heat output kW/Hr (nominal)	20	30	20	30
Airflow @100pa	540	820	540	820
MegaJoules	80	120	80	120
Star Rating	3.0	3.2	4.4	4.4
Typical number of 150mm outlets	7 to 11	10 to 15	7 to 11	10 to 15
Dimensions				
Length	910	1020	910	1020
Width	395	550	395	550
Height*	625	660	625	660
Duct Connections supply and return	300	350	300	350
Return Air Grille filtered	900 x 500	1000 x 600	900 x 500	1000 x 600

*add 85mm for top mounted flue

Bonaire Rhino MB5 NC Series	MBR5NC-21	MBR5NC-30
Gas Type	Natural	Natural
Capacity		
Heat output kW/Hr (nominal)	21	30
Airflow @100pa	770	1050
MegaJoules	80	120
Star Rating	5.0	5.0
Typical number of 150mm outlets	7 to 11	8 to 15
Dimensions		
Length	908	1023
Width	390	555
Height	661	648
Duct Connections supply and return	300	350
Return Air Grille filtered	900 x 500	1000 x 600

Bonaire Rhino MB6 Series	MBR6-23	MBR6-31
Gas Type	Natural	Natural
Capacity		
Heat output kW/Hr (nominal)	21	30
Airflow @100pa	770	1050
MegaJoules	80	120
Star Rating	6.0	6.0
Typical number of 150mm outlets	7 to 11	8 to 15
Dimensions		
Length	1138	1253
Width	390	555
Height	661	648
Duct Connections supply and return	300	350
Return Air Grille filtered	900 x 500	1000 x 600

Dual Cycle Specifications

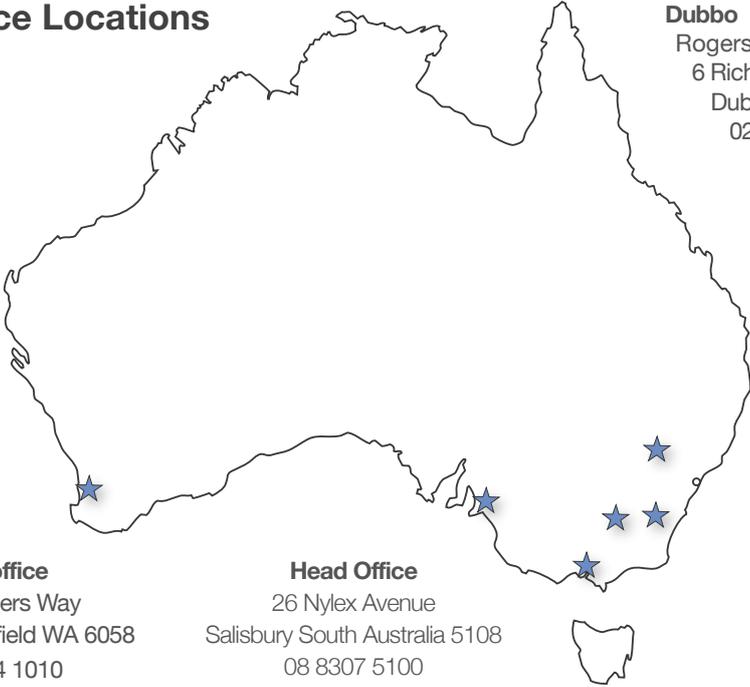
Model		DC12	DC14	DC16.5	DC 17	DC20
	Indoor Unit	6850025	6850035	6850045	6850045	6850065
	Outdoor Unit	6850023	6850033	6850047	6850043	6850063
Indoor Unit						
Power Supply	V/Ph/Hz	240/1/50	240/1/50	240/1/50	415/3/50	415/3/50
Fixed Speed						
Rated Capacity	kW	12.0	13.6	16.5	17.0	20.0
Rated Input	kW	3.84	4.35	5.2	5.44	6.4
AEER		3.13	3.13	3.17	3.13	3.13
Starting Current	Amps	30	30	45	26	30
Indoor Unit Dimensions H x W x D	mm	555 x 548 x 1070	555 x 548 x 1070	555 x 648 x 1156	555 x 648 x 1156	555 x 648 x 1256
Stater sizes Supply/Return	mm	450/450	450/450	500/500	500/500	500/500



BONAIRE®

The leaders in heating and cooling

Office Locations



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