



# BONAIRE<sup>®</sup>

The leaders in heating and cooling



## DUCTED GAS HEATING

Superior whole of home heating comfort



# Whole of Home Heating

## 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](http://www.bonaire.com.au) to contact your nearest Bonaire specialist.

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

### Reliable

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

### Optional My Climate® by Bonaire Control

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



## Bonaire – the leaders in heating & cooling

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.

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.



## 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.

# Natural Gas & the Environment

As Australia makes its way to achieving lower carbon emissions, the following should be considered when deciding the cleanest way to heat your home.

## Energy Source Powering Victorian Electricity Grid.\*

On Average, 70% of Victoria's electrical grid power is fuelled by brown coal\*. This form of fossil fuel is not only harmful for the environment it is also one of the leading causes of carbon emissions. Solar panels are the cleanest energy source however most heaters are used during winter and at night.

As Australia's energy demand continues to rise over the next decade. Renewable energy technology still has a long way to go before being able to fully meet this demand. Natural gas is the cleanest fossil fuel to use, while coal has one of the biggest negative impacts on the environment.

\*Source <https://aemo.com.au/en/energy-systems/electricity/national-electricity-market-nem/data-nem/data-dashboard-nem>

# Gas Ducted Heating vs Electric Heating

Gas ducted heating has been a staple choice for families in the southern parts of Australia for many years. When you need efficient and effective heating in one of the coldest regions in Australia, nothing outperforms gas ducted heating. It delivers quick instant heat when you need it most, the cold outside temperature has no impact on the heating performance.

Gas ducted heating is a whole of home heating solution. Ideal for medium to large Australian homes. The biggest gas ducted heater produced by Bonaire delivers up to 35 kilowatts of heat, far exceeding the heating capacity of single phase ducted reverse cycle air conditioners.



# 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

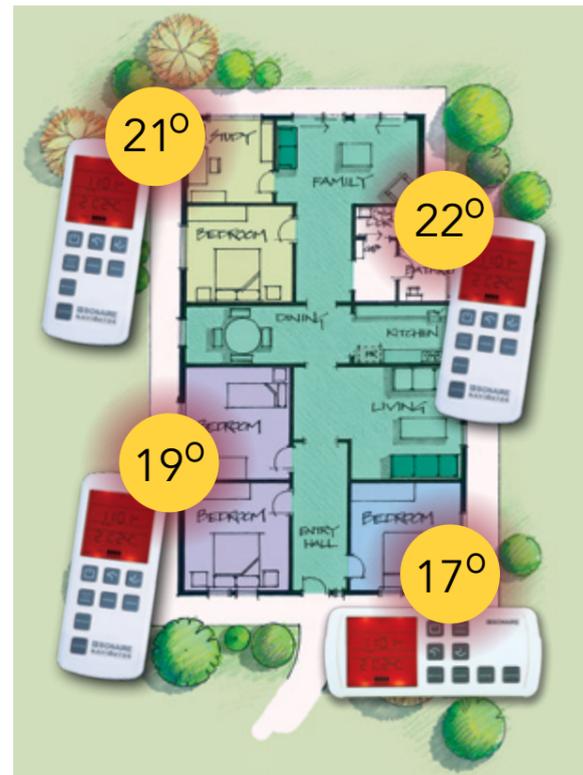
Available with Bonaire 4, 5 and 6 star units, Bonaire zoning allows you to have up to four integrated zones as standard. This enables you to turn on and off the zones that you have selected from your Navigator hard wired, remote control or your My Climate® by Bonaire control.

## Bonaire Zoning Features

- Integrated up to 4 zone control as standard\*
- 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
- Variable fan speeds can be set for each zone

# 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 an additional cost

# Star Ratings Explained

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.

## Higher star rating means more savings



\* The running cost data used to determine these results is based on AS/NZS 5263.1.6:2020. This standard determines a house heat load of 0.2 Mega joules per hour per cubic meter of living area heated of 600 hours of operation (100 days at 6 hours per day). 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 3.235 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, zoning and thermal insulation.



# Bonaire MB6

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 Ultimate in 6 star efficiency

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.

### 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
- Modulating combustion fan for higher efficiency
- Auto adjusting room air fan that works in unison with the predictive logic modulation, further reducing energy bills
- Super quiet operation with fully insulated unit cabinet
- 4 zone control board as standard so you can heat only the rooms you need\*\*
- Universal internal/external unit
- Compatible with Bonaire Dual Cycle refrigerated airconditioning

\* Subject to zoning and duct requirements  
\*\*4 Zones standard. Zone motors supplied and installed by airconditioning retailer at additional cost.

Latest predictive technology adjusts gas rate. Minimising unnecessary gas usage whilst delivering high heating efficacy

No pilot light, efficient and reliable  
Electronic Ignition



Fully insulated cabinet  
to ensure minimal  
heat loss

Protection and  
Safety devices

Modulating room air fan, providing a  
comfortable temperature throughout your home



# 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, modulating combustion fan and modulating room air fan.

### Bonaire MB5 Features:



- Non condensing eliminating the need for a condensate drain
- Modulating gas valve automatically adjusts gas rate as the home approaches set temperature
- Modulating combustion fan for higher efficiency
- Auto adjusting variable speed room air fan further enhancing the benefit of modulation and energy savings
- Super quiet operation with fully insulated unit cabin
- Integrated four zone control standard, heat only the rooms you need when you need them\*\*
- Compatible with Bonaire Optima 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. 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.

### 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\*\*
- Induced draft combustion for improved energy 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
- Universal internal/external unit

\* Subject to zoning and duct requirements

\*\* 4 Zones standard. Zone motors supplied and installed by airconditioning retailer at additional cost.

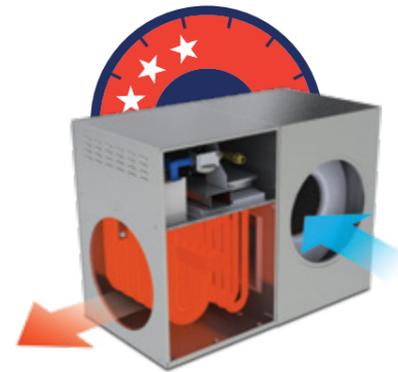


# Bonaire MB3

## The affordable 3 star value performer

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.

### 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
- Interior or exterior models available



# Bonaire Rhino



## Replace your old outdoor 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:

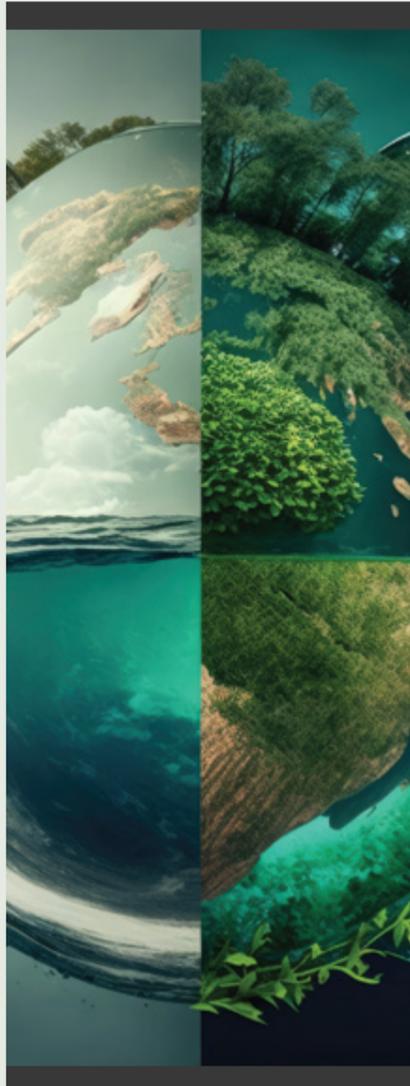


- Available in 3, 4 and 5 star energy efficiency ratings
- Save on running costs with a more efficient heater
- 4 and 5 star units come standard with predicative logic modulation and auto adjusting room air fan
- Quick and simple changeover
- Save on installation costs with gas connection and power connections 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® by Bonaire control
- 4 zone control board as standard so you can heat only the rooms you need\*\*
- 5 year parts and labour warranty

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

\*\* 4 Zones standard with 4 and 5 star units. Zone motors supplied and installed by air conditioning retailer at additional cost.

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



# My Climate 2.0 by Bonaire

My Climate® by Bonaire Wi-Fi® is an optional controller that allows you to control your Bonaire ducted gas heater, ducted evaporative cooler or dual cycle air conditioner from your compatible Smart Device.

Once you have purchased and installed the My Climate® by Bonaire hardware kit and downloaded the app, My Climate® allows you to control your system via your smart device utilising your home Wi-Fi® network as an access point\*.

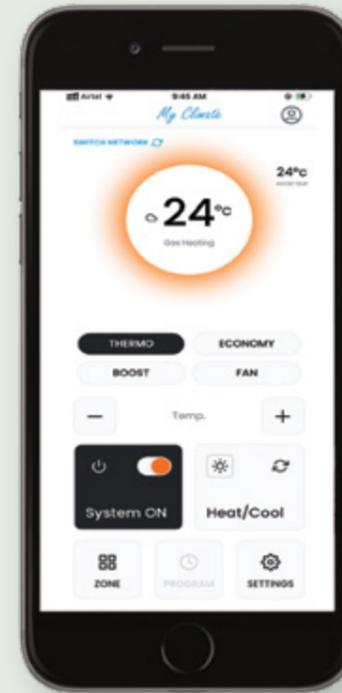
Remote access allows you to turn on your system from your smart device when you are at work or out so you can return home to comfort.

My Climate® by Bonaire will control all new Bonaire 4, 5 and 6 star ducted gas heaters, ducted evaporative coolers and dual cycle refrigerated air conditioners and can be purchased as an additional option.

## My Climate Features:

- Wi-Fi® controller that is compatible with both iPhone and Android™ smart devices\*
- Provides a range of unit control options including temperature setting and zoning control when zones are installed\*
- Allows the naming of each zone to match the room set up in your home
- 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
- Compatible with voice activation devices, Google Assistant® and Amazon Alexa®

\* Hardware and installation compatibility requirements apply. Contact your local Bonaire dealer to confirm compatibility prior to purchasing.



# 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\*
- Compatible with Bonaire 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\*
- Compatible with Bonaire Dual Cycle and Evaporative coolers
- Diagnostics and error reporting

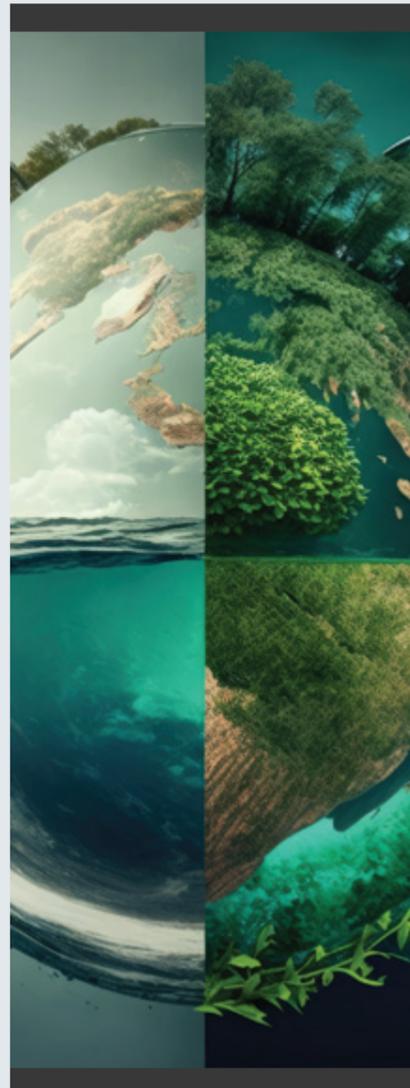
\* 4 Zones standard, individual zone motors supplied and installed by air conditioning retailer at additional cost.

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



Bonaire Specifications		Configuration	Gas Type	Heat Output kW/Hr (nominal)	Airflow @100pa	MegaJoules	Star Rating	Typical Number of 150mm Outlets	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Duct Connections Supply and Return
<b>Bonaire MB6 Series</b> 6 Star Rated Gas Heaters	<b>MB6-23</b>	Internal/External	NG	23	610	80	6	7 to 11	1074	350	618	66	300
	<b>MB6-31</b>	Internal/Extrnal	NG	31	830	120	6	8 to 15	1124	476	658	85	350
	<b>MB6-35</b>	Internal	NG	35	900	140	6	8 to 20	1124	539	658	96	Supply 400 Return 350
<b>Bonaire MB5 Series</b> 5 Star Rated Non Condensing Gas Heaters	<b>MB5NC-15</b>	Internal/External	NG	15	600	60	5	5 to 9	845	350	618	47	300
	<b>MB5NC-21</b>	Internal/External	NG	21	690	80	5.2	7 to 11	845	350	618	50	300
	<b>MB5NC-30</b>	Internal/External	NG	30	965	120	5.6	8 to 15	894	476	658	70	350
	<b>MB5NC-35</b>	Internal	NG	35	1040	140	5.8	8 to 20	894	539	658	85	Supply 400 Return 350
<b>Bonaire MB5 Series</b> 5 Star Rated Non Condensing Gas Heaters	<b>MB5NC-21</b>	Internal/External	LPG	21	690	80	5.2	7 to 11	845	350	618	50	300
	<b>MB5NC-30</b>	Internal/External	LPG	30	965	120	5.6	8 to 15	894	476	658	70	350
<b>Bonaire Rhino</b> MBR5 NC Series	<b>MBR5NC-21</b>	External	NG	21	660	80	5.2	7 to 11	908	390	661	53	300
	<b>MBR5NC-30</b>	External	NG	30	920	120	5.6	8 to 15	1023	555	648	68	350

Bonaire Specifications		Configuration	Gas Type	Heat output kW/Hr (nominal)	Airflow @100pa	MegaJoules	Star Rating	Typical number of 150mm outlets	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Duct Connections Supply and Return
<b>Bonaire MB4 Series</b> 4 Star Rated Gas Heaters	<b>MB4-14</b>	Internal/External	NG	14	570	60	4	5 to 9	840	350	620	42	300
	<b>MB4-20</b>	Internal/External	NG	20	620	80	4.5	7 to 11	840	350	620	45	300
	<b>MB4-25</b>	Internal/External	NG	25	870	100	4.1	8 to 14	895	475	670	57	350
	<b>MB4-30</b>	Internal/External	NG	30	870	120	4.6	8 to 15	895	475	670	60	350
	<b>MB4-35</b>	Internal	NG	35	950	140	4.5	8 to 20	895	540	660	85	Supply 400 Return 350
<b>Bonaire MB3 Series</b> 3 Star Rated Gas Heaters	<b>MB3-14</b>	Internal/External	NG	14	480	60	3	5 to 9	845	350	620	47	300
	<b>MB3-20</b>	Internal/External	NG	18.5	650	80	3	7 to 11	845	350	620	51	300
	<b>MB3-25</b>	Internal	NG	25	830	100	3.1	9 to 14	895	475	670	68	350
	<b>MB3-30</b>	Internal/External	NG	28	830	120	3.2	10 to 15	895	475	670	70	350
	<b>MB3-30XA</b>	Internal	NG	28	1050	120	3.1	10 to 20	895	475	670	73	350
<b>Bonaire Rhino</b> MBR3 & MBR4 Series	<b>MBR3-20</b>	External	NG	20	630	80	3	7 to 11	915	390	613	50	300
	<b>MBR3-30</b>	External	NG	30	820	120	3.2	10 to 15	1030	555	648	70	350
	<b>MBR4-20</b>	External	NG	20	630	80	4.5	7 to 11	915	390	613	50	300
	<b>MBR4-30</b>	External	NG	30	820	120	4.4	10 to 15	1030	555	648	70	350



# Gas Ducted Heating with Electric Cooling

## Bonaire Optima Dual Cycle® refrigerated air conditioning

The Bonaire 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 Dual Cycle Features:

- The entire systems operation, programming and zoning is controlled by one single Navigator control or in conjunction with the optional My Climate® by Bonaire 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 up to 4 zones standard
- Zoned refrigerated cooling\*
- 5 year parts and labour warranty on Bonaire 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 Optima Dual Cycle Systems Technical Specifications

Model	Indoor Unit	OPTIMA OAO12ID	OPTIMA OAO14ID	OPTIMA OAO17ID	OPTIMA OAO17ID	OPTIMA OAO20ID
	Outdoor Unit	OPTIMA OAO12OD	OPTIMA OAO14OD	OPTIMA OAO170OD 1PH	OPTIMA OAO170D 3PH	OPTIMA OAO20OD 3PH
<b>Performance</b>						
Rated Capacity (kW)		12	13.6	16.6	17	19.6
Rated Input (kW)		3.84	4.35	4.71	5.44	6.11
AEER		3.13	3.13	3.15	3.13	3.13
Compressor		Scroll	Scroll	Scroll	Scroll	Scroll
Sound Power Level (dBa)		65	65	66	66	66
<b>Electrical Data</b>						
Power Supply (V-ph-Hz)		240/1/50	240/1/50	240/1/50	415/3/50	415/3/50
Rated Current (Amps)		15	18	21	7.9	10.7
<b>Refrigeration Data</b>						
Refrigerant Type		R410A				
Pipe Sizes	Suction Line	9.52mm (3/8")	9.52mm (3/8")	9.52mm (3/8")	9.52mm (3/8")	12.7mm (1/2")
	Liquid Line	19.05mm (3/4")	19.05mm (3/4")	19.05mm (3/4")	19.05mm (3/4")	22.22mm (7/8")
Maximum pipe length	m	50	50	50	50	50
Max difference in level	m	30	30	30	30	30
Refrigerant Pre Charge length	m	7.5	7.5	7.5	7.5	7.5
<b>Dimensions</b>						
Outdoor Unit Dimensions WxHxD	mm	754x870x754	754x870x754	840x1070x840	840x1070x840	900x1070x900
Indoor Unit Dimensions WxHxD	mm	555x548x1070	555x548x1070	555x648x1156	555x648x1156	555x648x1256
Outdoor Unit Weight	kg	117	117	130	130	150
Indoor Unit Weight	kg	34	34	40	40	45
Duct Spigots Supply/Return	mm	450/450	450/450	500/500	500/500	500/500

### Bonaire Ducted Gas Heater Matching Chart (Maximum Recommended Add-on Cooling Capacity)

Cooling Capacity	kW	12	13.6	16.6	17	19.6
MB4 Series		MB4-25	MB4-25, MB4-30	MB4-35	MB4-35	-
MB5 NC Series		MB5NC-21	MB5NC-30	MB5NC-30	MB5NC-30	MB5NC-35
MB6 Series		MB6-23	MB6-31	MB6-31	MB6-31	MB6-35



The leaders in heating and cooling

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**[bonaire.com.au](http://bonaire.com.au)**

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