



# BONAIRE®

The leaders in heating and cooling



*When you have a Bonaire ducted gas heater installed, you won't know it is winter until you look out the window*

## Ducted Gas Heating Range

# Welcome to Bonaire

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 constantly strive to ensure that the Bonaire name is synonymous with quality and innovation.

The company is still very proudly Australian owned and operated with a manufacturing facility in Salisbury, South Australia.



If you would like the inside of your home to feel like spring all through winter then you should install a Bonaire ducted gas heating system

With new installations you have the choice of the Bonaire MB3, MB4 or the high efficiency MB5 Series.

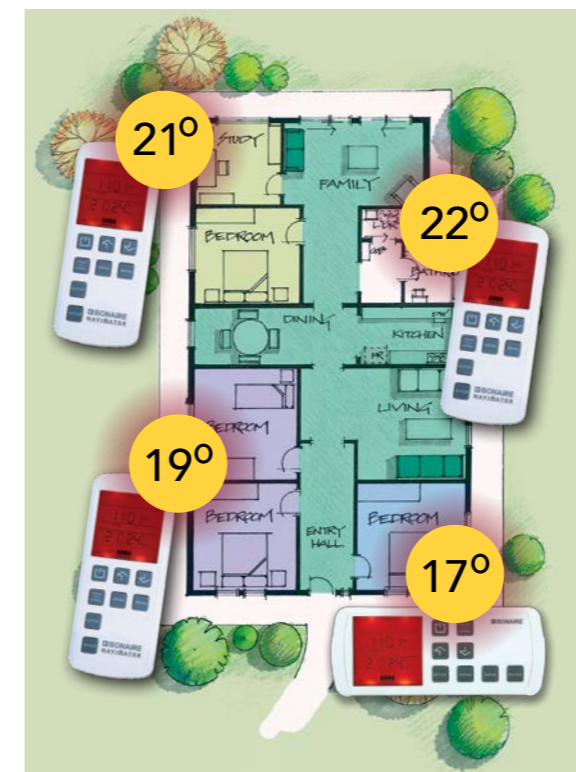
If you are looking to replace an existing external unit you now have the choice of the brand new Bonaire Rhino which is available in 3 star and 4 star models.

## Why Choose Bonaire Central Heating

- Models to suit any size home or budget
- 3, 4 and 5 star energy rated units
- Easy installation
- Low running costs, revolutionary heat exchanger design for higher efficiency
- Full range of fully programmable controls
- Proudly Australian owned and manufactured
- 4 and 5 star have zone capability built in
- All electronic ignition
- Predictive gas modulation to optimise gas consumption
- Auto adjusting air delivery to optimise energy usage.
- Multiple thermostat capability

## The Bonaire Mission

At Bonaire we place enormous importance on continually improving design, engineering and manufacturing processes. Every one of our products is manufactured to the highest standards and fully tested for operation and quality before they leave our factory.



## Multiple Thermostats

The MB4 and MB5 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.

\*Up to 4 Navigator Remote controls or 2 Navigator Wall Mounted controls

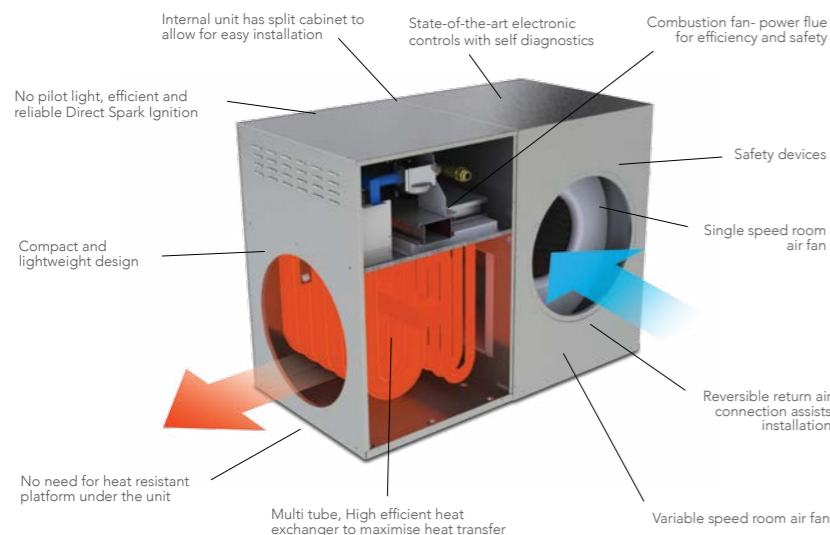
## Bonaire MB3

### The affordable 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. 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 pre-set four independent heating periods per day. With the Navigator you can just set and forget.



### Benefits of the Bonaire MB3 units

- 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
- Upgrade option to the fully featured Navigator wall mounted control

3 star units are not suitable for zoning connection to dual cycle systems.



Wall Mounted Navigator Controller - upgrade option



Slimline digital thermostat. Standard controller for the MB3.

## Bonaire MB4

### The fully featured premium performer

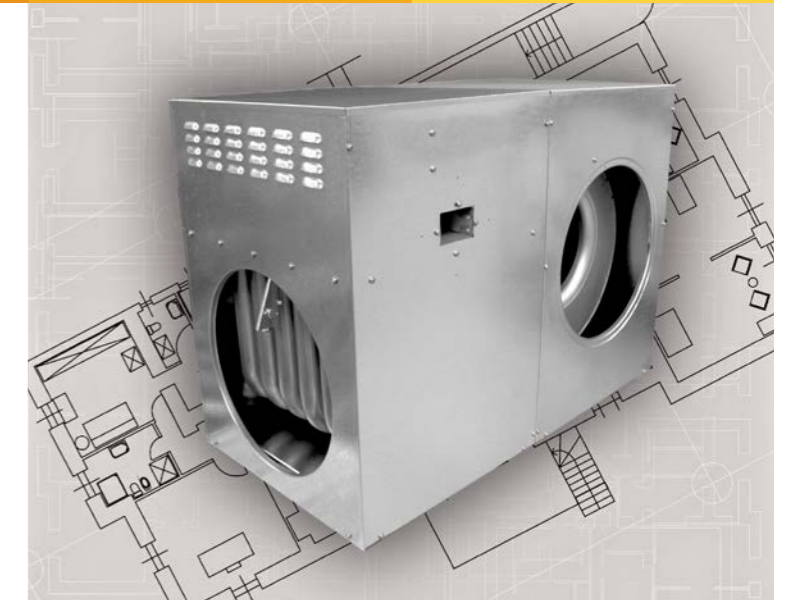
The secret to the MB4's four star efficiency is its multi tube heat exchanger combined with a modulating gas valve which minimises gas usage and modulating room air fan.

The advanced technology of the modulation is able to match the load requirements of your home by reducing its heating capacity as low as 10% \*. This not only reduces gas consumption but also reduces electricity usage of the fan motor.

The MB4 series also offer 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.\*\*

### Warranty

The Bonaire M4 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. Ask your Bonaire dealer about the extended 7 year warranty option.



### Benefits of the Bonaire MB4 units

- Modulating gas valve automatically adjusts gas rate as the home approaches set temperature = reduced energy bills
- 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
- Electronic ignition – no pilot light
- Quiet efficient operation
- Engineered for Australian conditions
- Compatible with York Dual Cycle systems
- Option of 8 integrated zones
- Easy Installation

\* Subject to zoning and duct requirements

\*\* 4 Zones standard 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 MB5

### When only the ultimate will do

When you choose to install a Bonaire MB5 ducted heater, you can be assured you will have the ultimate in heating comfort.

The MB5 uses a primary and secondary heat exchanger which combined gives you a five 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 MB5 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.



### Benefits of a Bonaire MB5 unit

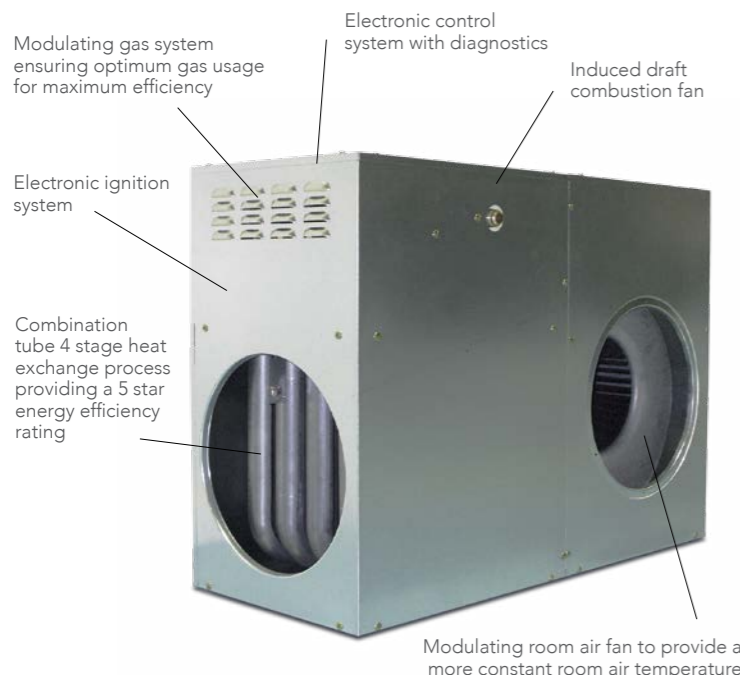
The Bonaire MB5 has all the benefits of the MB4 plus more

- 5 star energy efficiency rating – more heat in your home for each dollar you spend.
- High efficiency four stage heat exchanger with a primary and a stainless steel secondary to efficiently heat your home.
- Very flexible installation options
- Predictive logic modulation that automatically adjusts the gas rate as your home reaches set temperature = reduced energy bills
- 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\*\*\*

\* Subject to zoning and duct requirements

\*\* 4 Zones standard 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 MB4 & MB5

### A choice of controllers

The Bonaire Navigator controls have been developed to give you complete control of the climate in your home.

Not only do you have the optimum in functionality but you also have the choice of a wireless remote or a wall mounted version.

### Wireless 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. And all this without leaving the comfort of your armchair.

Features include: -

- Wireless radio frequency
- Thermostat temperature sensing
- 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
- Integrated 4 zone control as standard\*
- Optional 8 integrated zones\*\*
- Compatible with York Dual Cycle and Bonaire Evaporative coolers
- Diagnostics and error reporting



### Wall mounted control

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

Features include: -

- 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 York Dual Cycle and Bonaire 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.



## 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.

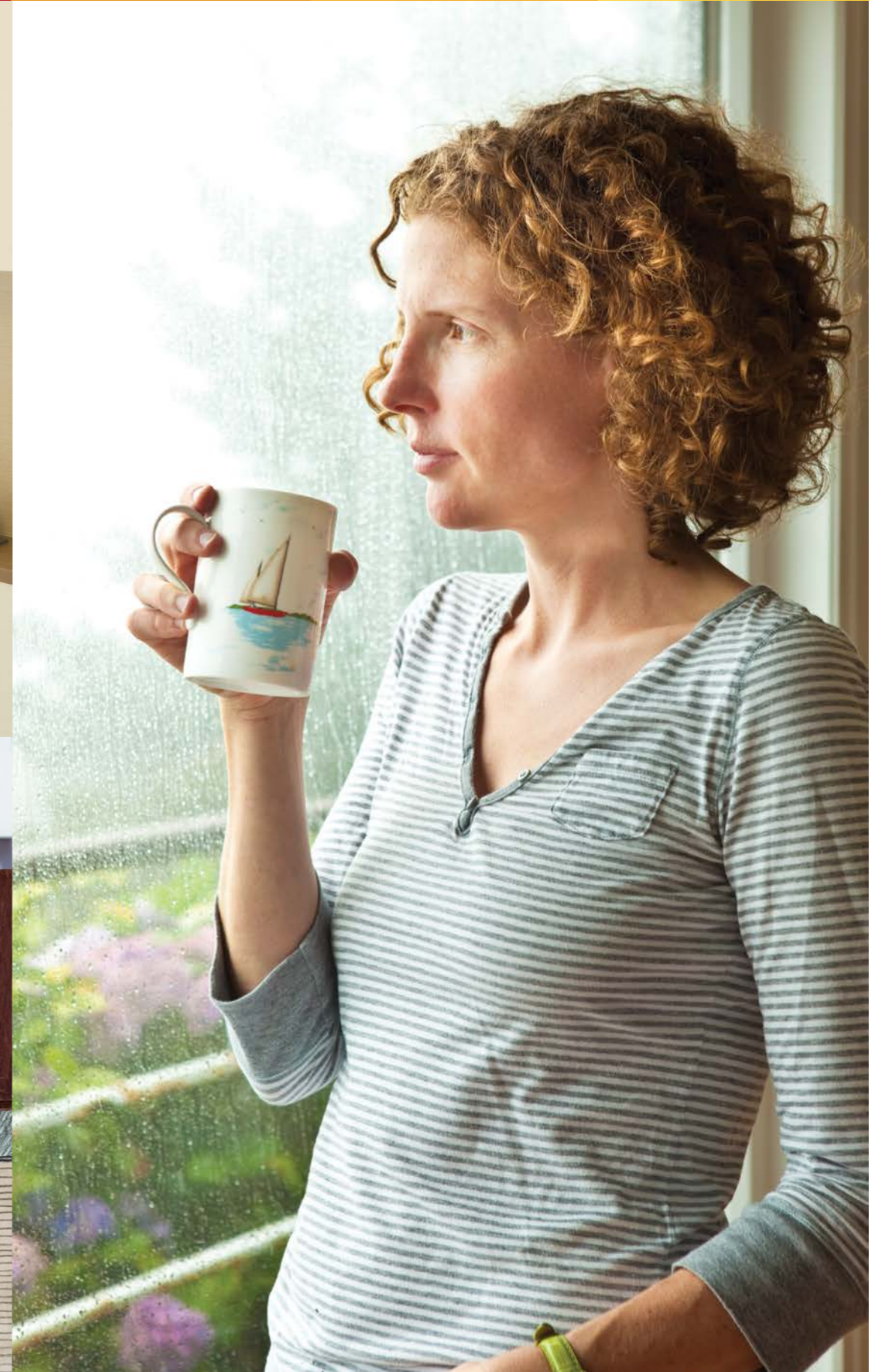
Available in both three star and four star energy efficiency ratings the Bonaire Rhino has been specifically developed to provide a quick easy changeover for many of the old externally installed gas heaters. In many cases, the gas connection and power connection locations will be in the same location as your old heater saving on installation costs. 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. A remote Navigator control will save you the hassle of having to run new cabling from your heater to your thermostat control\*.

So when the time comes to replace your old outdoor heater, by choosing a Bonaire Rhino, in many cases it will be a quick and simple changeover.

And what's more you get an efficient unit with more features.

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



## 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 and MB5 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 and benefits:

- The entire systems operation, programming and zoning is controlled by one single Navigator 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\*



### Bonaire Dual Cycle matching chart

York Model	Kilowatts of cooling	Bonaire 4 Star Model	Bonaire 5 Star Model
York DC12	12kW	MB4-20 XA, MB4-25	MB5-21 XA
York DC14	13.6kW	MB4-20 XA, MB4-25, MB4-30	MB5-21 XA, MB5-30
York DC17	17kW	MB4-30 XA	MB5-30 XA



\* 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.

### Year Round Heating or Cooling

Your Bonaire 3, 4 or 5 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.



# If you are planning to build a new home or just renovate your existing one, it is the ideal time to start planning your heating

Once you have made the decision to install a Bonaire heating system and/or combination heating and cooling, you should talk to your builder about the best way to incorporate the system in the construction program.

### New Homes

If you are building a new home it makes sense to ensure you incorporate central heating and cooling planning so they are a part of the earliest designs and not just an afterthought.

Some points to consider: -

- A 5 star home should be matched with a five star heating and cooling system
- Gas is a good cost effective alternative
- If you are planning a 4 or 5 star system, look at zoning the system so you can heat only the areas you need when you need them
- Look at all areas of the home to heat and cool. Bathrooms are often overlooked for heating yet they are the coldest and wettest rooms in a home

Bonaire can provide you total heating and cooling solutions. Talk to one of our specialist Dealers to help you work out the best solution for your home.

### Renovating

Whether you have an existing gas ducted heater or are just planning to install a new system, Bonaire has a model that is perfect for you.

However, before you upgrade or install a new system here are a few points to consider: -

- Check that your current ductwork, flues and gas supply can accommodate the system
- If you have an existing system, is the capacity suitable for both your current and future needs
- Is your current heater the most efficient for your needs?
- Is your current system zoned, if not consider the running cost benefits of installing zones



# Bonaire Specifications

Bonaire MB3 Series 3 Star rated gas heaters	MB3-14	MB3-20	MB3-20 XA	MB3-25	MB3-30	MB3-30 XA
Gas Type	Natural	Natural	Natural	Natural	Natural	Natural
Capacity			Internal only			Internal only
Heat output kW/Hr (nominal)	14	18.5	18.5	25	28	28
Airflow @100pa	480	540	650	830	830	1050
MegaJoules	60	80	80	100	120	120
Star Rating	3.0	3.0	3.0	3.1	3.2	3.1
Typical number of 150mm outlets	5 to 9	7 to 11	7 to 11	9 to 14	10 to 15	10 to 20
<b>Dimensions</b>						
Length	845	845	845	895	895	895
Width	350	350	350	475	475	475
Height	620	620	620	670	670	670
Duct Connections supply and return	300	300	300	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 MB4 Series 4 Star rated gas heaters	MB4-14	MB4-20	MB4-20 XA	MB4-25	MB4-30	MB4-30 XA
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
<b>Dimensions</b>						
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 gas heaters	MB5-14	MB5-20	MB5-20 XA	MB5-30	MB5-30 XA	MB5-35
Gas Type	Natural	Natural LPG to order	Natural	Natural LPG to order	Natural	Natural
Capacity			Internal only		Internal only	Internal only
Heat output kW/Hr (nominal)	14	20	20	30	30	35
Airflow @100pa	480	540	830	830	1050	1050
MegaJoules	60	80	80	120	120	140
Star Rating	5.4	5.4	5.4	5.4	5.4	5.4
Typical number of 150mm outlets	5 to 9	7 to 11	7 to 14	8 to 15	8 to 20	8 to 20
<b>Dimensions</b>						
Length	1142	1142	1142	1142	1142	1142
Width	385	385	385	475	475	535
Height	666	666	666	666	666	666
Duct Connections supply and return	300	300	300	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	MBR3-20	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
<b>Dimensions</b>				
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

## Dual Cycle Specifications

Model		YORK DC12	YORK DC14	YORK DC17
Model details	Set	YLEFZC042BAM-B-X	YLEFZC048BAM-B-X	YLEFZC060BAM-B-X
	Indoor	YLEFXC042BAM-B-X	YLEFXC048BAM-B-X	YLEFXC060BAM-B-X
	Outdoor	YLEFYC042BAM-B-X	YLEFYC048BAM-B-X	YLEFYC060BAM-B-X
Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50
Cooling Capacity Rating * Capacity at rated air flow	kW	12.0	13.6	17.0
Power Consumption	kW	3.84	4.35	5.44
AEER	W/W	3.13	3.13	3.13
Nominal Air Flow Rate	l/sec.	695	763	972
Unit Dimensions indoor H x W x D	mm	548 x 545 x 1070	548 x 545 x 1070	648 x 545 x 1156
Unit Dimensions outdoor H x W x D	mm	870 x 754 x 754	870 x 754 x 754	1070 x 840 x 840

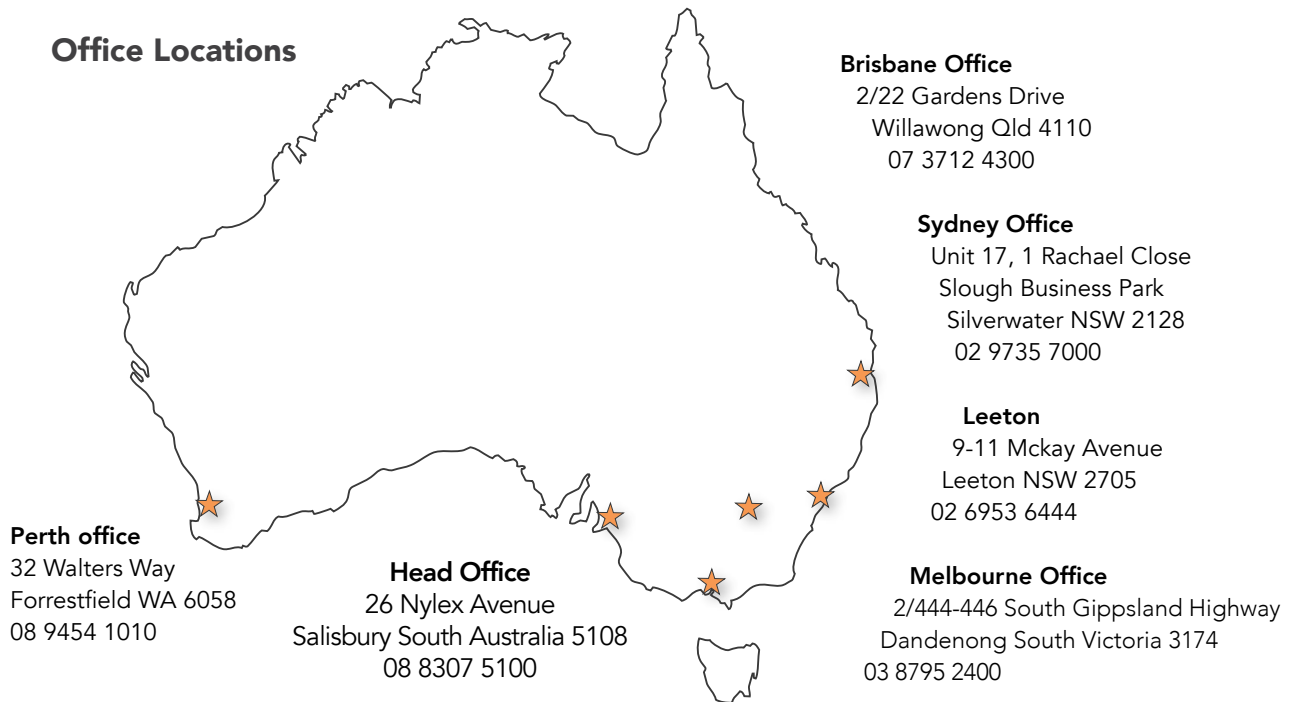




# BONAIRE®

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## Office Locations



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

A CLIMATE TECHNOLOGIES BRAND ABN 13 001 418 042

Your nearest Bonaire stockist is:-