



# BONAIRE®

The leaders in heating and cooling

## Gas Heating Product Range



FEATURING THE  
COMPACT NEW





# Welcome to Bonaire

As Australia's leading heating and cooling brand, Bonaire has been providing homes with state-of-the-art, efficient heating and cooling systems for over 60 years. Using proven technology we create intelligent, user friendly systems that maximise energy efficiency and reduce operating costs. We constantly strive to ensure that the Bonaire name is synonymous with quality and innovation and this is what continues to drive the company today.

## The Bonaire mission

Our mission is to deliver the most advanced range of whole-of-home heating and cooling solutions to fit today's modern lifestyles.

## Bonaire quality

At Bonaire we place enormous importance on continually improving design, engineering and manufacturing processes and every one of our products is manufactured to the highest possible standards using premium quality materials. All Bonaire units are quality tested before they leave our factory, and are supported by a carefully selected dealer network that is committed to customer satisfaction.

We are proud that Bonaire is Australian owned with world class manufacturing facilities in Adelaide SA and Leeton NSW being the foundation of the business.



Typical unit and ducting layout of a Bonaire Ducted Heating System (internal unit installation).



**This winter, stay warm as.**

## Contents

- 3 Welcome to Bonaire
- 4 Choosing the right heating system for your home
- 5 The Bonaire Ducted Range
- 6 Bonaire M Series MB3. The 3 star value choice
- 7 Bonaire M Series MB4. The 4 star premium choice
- 8 Bonaire M Series MB5. The 5 star ultimate choice
- 9 A choice of controllers
- 10 Bonaire Inverter Dual Cycle Refrigerated Air Conditioning
- 12 Pyrox Wall Furnaces
- 13 Pyrox Flued Gas Space Heaters
- 14 Bonaire New Homes
- 15 Bonaire Renovators
- 16 How much money can you save with Bonaire?
- 17 The right choice for cooling
- 18 Specifications



# Choosing the right heating system for your home

There's nothing more welcoming than a toasty warm house to come home to when the chill of winter arrives. And when you consider that heating accounts for over half the average household's energy costs, it's so important to select the right heating methods for your home. The wrong choice can prove both costly and uncomfortable.

### Space heating vs ducted heating?

Space heating, as the name suggests, is for heating a single space, be it one room or an open plan living area. Space heating includes slow combustion wood heaters, gas space heaters, radiant bar heaters, electric fan heaters and split system reverse cycle air conditioners.

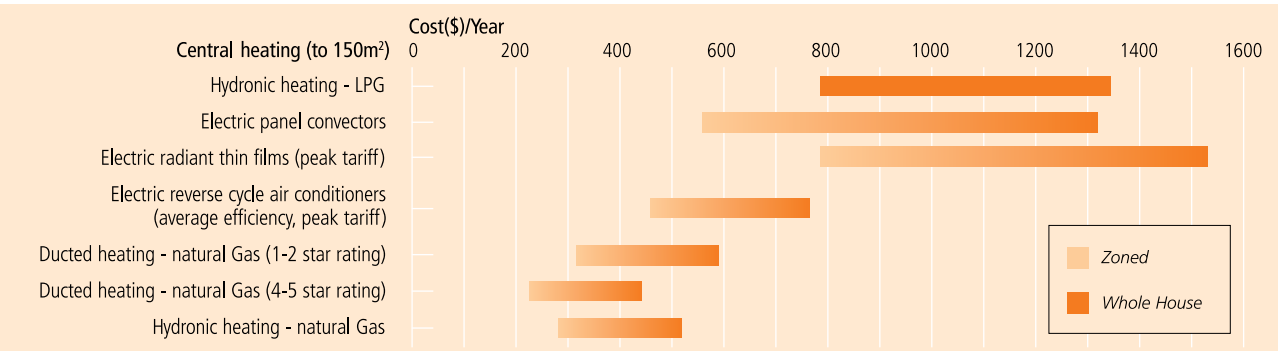
A central heating system on the other hand can heat a whole home. The two main types of central heating are ducted gas central heating and refrigerative ducted reverse cycle air conditioning. Whichever of these heating solutions you choose, you know you're getting the best with Bonaire.

Of course, with all the options available it pays to carefully consider your needs as well as the pros and cons of the various types of heating systems before making a decision. Some forms of heating, like ducted reverse cycle and split-system refrigerative air conditioning for example, are more costly to run in the winter months. And then there's other systems that are suitable to heat a single room but would be highly inefficient for heating a whole home.

If you need to heat...	
Only living areas.	Use a gas space heater or a Bonaire MB4/MB5 zoned ducted heater.
Living areas for long periods, sleeping areas for short periods.	Use gas space heaters for living areas or a whole-of-home heating system.
Living and sleeping areas for long periods but at different times of the day.	Use a whole-of-home gas central heating system.
Living and sleeping areas both for long periods at the same time.	Use whole-of-home gas central heating system.

### Running costs comparison.

The chart below shows the comparative running costs of the most frequently used forms of heating. As you can see, the real advantage of gas central heating over other central heating systems is that it costs less to run.



Figures supplied by the Sustainable Energy Authority Victoria ([www.sustainability.vic.gov.au](http://www.sustainability.vic.gov.au)) and based on: • NatHERS THERMAL Simulation Program for a typical new home with R2.5 ceiling insulation and R1.0 wall insulation in Melbourne. • 8 hours heating to 21°C. • Tariffs used—GD15.0c/kWh, natural gas 0.96c/MJ, LPG 70.0c/lit, wood \$175/tonne. Supply charges not included. • Costs for reverse-cycle air conditioners based on average GD electricity tariff. Selected retailers offer cheaper tariffs to customers using efficient reverse-cycle air conditioning systems. • For an existing home, increase space heating costs by 25%, central heating costs by 45%. • For an energy efficient home, reduce costs by 30%. • For every 1°C increase in operating temperature, increase costs by 15% for 24 hour heating, double these costs. • Includes energy costs of fans and pilot lights where used.

# The Bonaire Ducted Range - stay warm as toast this winter



Wouldn't it be lovely to make your whole home a comfort zone this winter? Well you can with a Bonaire M Series Gas Central Heating System.

You have the choice of three model options - the MB3, MB4 and top of the range MB5 to match any home and any budget.

To ensure that the correct unit is installed in your home, we designed Bonaire's unique Bonres® Central Heating sizing system. The Bonres® computerised unit selection system takes into account such things as wall construction, insulation, glass area, room sizes and the climatic conditions of the area in which you live, to select and design the right Bonaire system for you and your family.

All of the Bonaire units are designed to fit either in your roof space, under-floor, or on an external wall.

### Installed by a factory-trained specialist

For added peace of mind, we recommend you choose one of our authorised Bonaire specialists, who have been factory-trained to ensure your Bonaire heater is installed to the highest standards.



### Multiple thermostats

The Bonaire MB4 and MB5 can operate with up to 4\* Navigator Controllers - meaning you can have 4 different temperature settings in 4 separate zones\*\* keeping all individual members of the family comfortable, or just heat only the zones you need. Alternatively, you can use just 1 controller to heat your whole home to a uniform temperature. You can heat as little as 10%^ of your entire home.



With the new Navigator Controller you can have different temperature settings in 4 separate zones.\*\*

### Why choose Bonaire Central Heating?

- Models to suit any size home or budget
- 3, 4 and 5 star energy rated units
- Low running costs
- Easy installation
- Revolutionary heat exchanger design
- Range of fully programmable thermostat controls
- High energy efficiency
- Unique 'Bonres®' unit selection system
- 3 year parts and labour warranty standard
- 10 year warranty on heat exchanger (parts only)
- NG/LPG models available
- Internal/external models available
- 5 year warranty upgrade available on 4 and 5 star units\*\*\*
- Pioneers in ducted heating in Australia
- World's first radio frequency controller for ducted gas central heating
- Australian owned and made
- Designed for small roof spaces
- Compact in size
- Splitable

^Subject to zoning and duct requirements. \*Up to 4 Navigator Remote Controllers or 2 Navigator Wall Mounted Controllers. \*\*Individual zone motors supplied by installer at additional cost. \*\*\*Subject to a maintenance call in the third year.



# Bonaire MB3 - the 3 star value choice<sup>^</sup>

If you want the most compact but feature-packed unit, then the Bonaire M Series MB3 3 Star Ducted Gas Central Heater is the ideal choice for you.



The MB3's unique multi tube heat exchanger maximises heat transfer, giving 3 star energy efficiency in a compact stylish design. All MB3 units have electronic ignition and state-of-the-art diagnostic control boards. Plus there's a slimline digital thermostat included with the unit, or the option of a Navigator wall mounted programmable digital controller that allows you to preset four independent heating periods per day. Just set and forget. The MB3 external models have a Colourbond<sup>®</sup> cabinet.

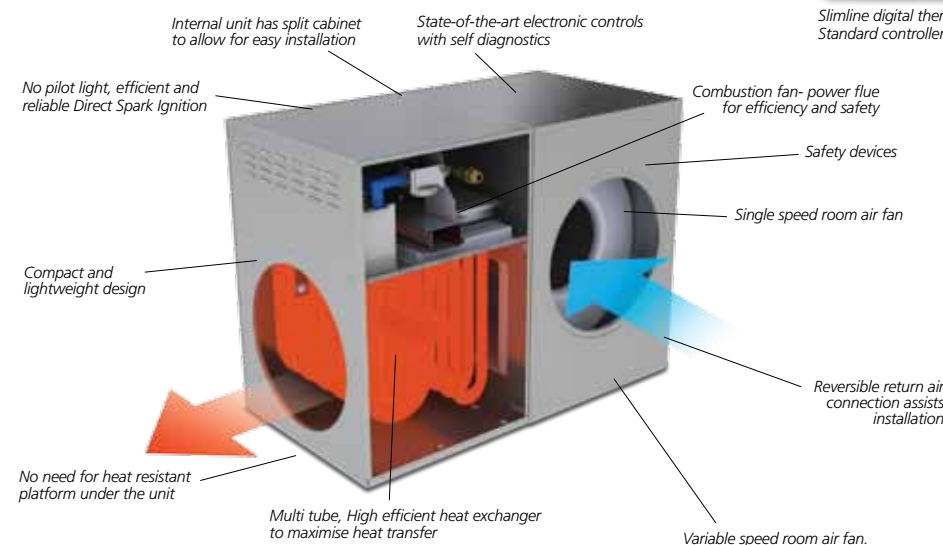
The MB3 unit is backed by a 3 year domestic parts and labour warranty and 10 year parts only warranty on the heat exchanger and burner.

## Benefits of a Bonaire MB3 3 star unit

- Range of internal and external models available
- Unique multi tube heat exchanger delivering maximum energy efficiency up to 84%
- Induced draft combustion for improved energy efficiency
- Electronic ignition eliminating the need for a pilot light
- Slimline digital thermostat included with unit
- Simple, easy to use start/stop timer
- Easy installation
- State-of-the-art technology
- Efficient operation
- Environmentally conscious design
- Backed by Bonaire's own National Service Division
- External model in Colourbond<sup>®</sup> cabinet - can be fitted internally if required
- Engineered for Australian conditions
- Compact
- Internal units splittable for easy installation - can be fitted through a man-hole
- Designed for small compact roof spaces - 30mm top clearance
- External unit is ideal for the changeover market
- Upgrade option to a Wall Mounted Navigator Controller



Slimline digital thermostat. Standard controller for the MB3.



<sup>^</sup>Available June/July 2011

# Bonaire MB4 - the 4 star premium choice



This winter, stay warm as.



The Bonaire MB4 4 star Ducted Gas Central Heater is a first class unit with enough features to rival those with a 5 star rating.

The secret to the MB4's outstanding energy efficiency is its unique multi-tube heat exchanger with its modulating gas valve and modulating room air fan that minimises gas usage and maximises the heat transfer to your home.

The MB4 also offers you the choice of the Navigator Remote Controller or the Navigator Wall Mounted Controller, which are both fully programmable with 4 integrated zones\* for total heat control. There is also an option to upgrade to an 8 zone system.\*\*

The Bonaire MB4, using the advanced technology of unique modulation, is able to match the load requirements of your home by reducing its heating capacity to 10%\*\*\*. This reduces gas consumption, giving you reduced energy bills while providing the ultimate in comfort.

Of course, the MB4 comes with the peace of mind of a 3 year domestic parts and labour warranty and 10 year parts only warranty on the heat exchanger and burner.

## Benefits of a Bonaire MB4 4 star unit

The Bonaire MB4 4 star has all the benefits of the 3 star plus more.

- Choice of NEW Navigator controllers
- Modulating valve automatically adjusts the 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 4 zone\* control standard - heat only the rooms you want
- Quiet and efficient operation
- Save on running costs
- Range of internal and external models available
- Unique multi-tube heat exchanger delivering maximum energy efficiency up to 84%
- Induced draft combustion for improved energy efficiency
- Electronic ignition eliminating the need for a pilot light
- Easy Installation
- Advanced technology
- Environmentally conscious design
- Backed by Bonaire's own National Service Division
- External model in Colourbond<sup>®</sup> cabinet
- Engineered for Australian conditions
- Compatible with Bonaire Inverter Dual Cycle Systems
- Option of 8 integrated zones\*\*



\*4 zone standard. Individual zone motors supplied by installer at additional cost.  
\*\*8 zone system is an option supplied and installed by installer at additional cost.  
\*\*\*Subject to zoning and duct requirements.



MB4 20E - 20kW 4 star external model.

## Extended Warranty

For added peace of mind, Bonaire offers a 2 year extended warranty on all 4 and 5 star units.\*



\*Subject to a maintenance service call in the third year.





# Bonaire MB5 - the 5 star ultimate choice<sup>^</sup>

Quite simply, if you want the best ducted gas central heating system on the market, look no further than the NEW Bonaire MB5 5 Star Ducted Gas Central Heating unit.

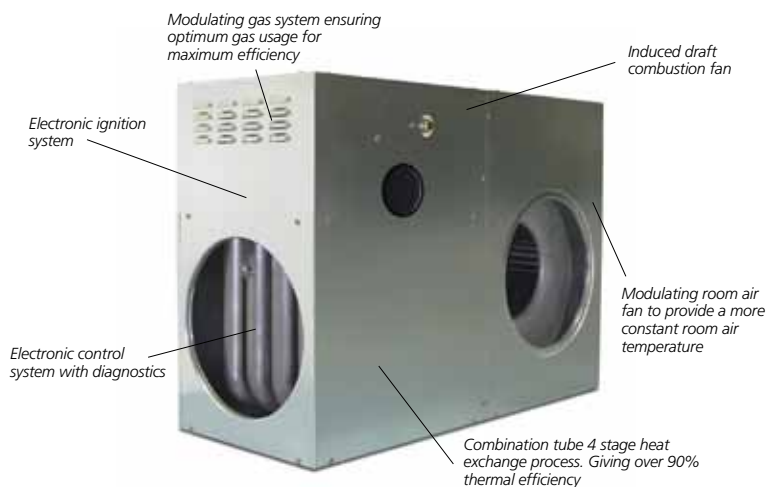


Not only will you be choosing the ultimate in comfort, you'll be investing in one of the most efficient 5 star ducted gas central heaters on the market. With the MB5 you get high efficiency heating by the use of a primary and secondary heat exchanger, which combined gives you 90% plus efficiency. Add this to Bonaire's unique predictive logic modulation system, modulating both the gas rate and the air delivery to minimise energy consumption and inefficient on/off cycling. This reduces your energy bills whilst still maintaining the ultimate in comfort. The MB5 also has the ability to reduce the heating capacity to 10%\*, allowing you to further reduce your energy bills if you only want to heat a small area of your home.

## Benefits of a Bonaire MB5 5 Star Gas Central Heater

The Bonaire MB5 5 star has all the benefits of the MB4 plus more.

- 90% plus gas efficiency – more heat in your home for each dollar you spend
- Highly efficient 4 stage heat exchanger with a primary and stainless steel secondary to efficiently heat your home
- Choice of the NEW Navigator controllers
- Flexible installation options
- Natural gas or LP gas models available
- Predictive logic modulation that automatically adjusts the gas rate as the home approaches the set temperature = reduced energy bills
- Auto adjusting air delivery that works in unison with the predictive logic gas modulation, further reducing energy bills
- 4 zone control as standard – heat only the rooms you need<sup>1</sup>
- Option of an 8 zone system for total comfort and maximum efficiency<sup>2</sup>
- Optional multiple room sensing and thermostat controls<sup>3</sup>
- Quiet operation



5 star external model.

- Range of internal and external models available
- External models in Colourbond® cabinet
- Induced draft combustion for improved energy efficiency
- Easy installation by a Bonaire Specialist Installer
- The most advanced ducted gas heater technology on the market
- Compatible with Bonaire Inverter Dual Cycle systems
- Environmentally conscious design
- Backed by Bonaire's own National Service Division
- Engineered for Australian conditions

## Advanced technology

Bonaire's advanced technology is intelligent enough to match your heating requirements, giving you unparalleled comfort and energy efficiency. Paired with the new Bonaire Navigator controllers, you can be assured that you have the latest technology at your fingertips.

Unlike conventional standard central heating systems, a Bonaire MB5 senses the level of heating needed to reach a set temperature, adjusting the gas and air delivery fan to precisely manage your requirements. It will also sense a change in conditions at any given moment, and adjust accordingly. This provides you with a soft and unobtrusive heat, reduced gas consumption and gas bills, while providing the ultimate in comfort.

## Extended Warranty

For added peace of mind, Bonaire offers a 2 year extended warranty on all 4 and 5 star units.\*

\*Subject to a maintenance service call in the 3rd Year. \*\*Subject to zoning and duct requirements. 1. Individual zone motors supplied by installer at additional cost. 2. 8 Zone system is an option supplied and installed by installer at additional cost. 3. Optional multiple room sensing and thermostats are best advised by Bonaire Specialist installer. ^Available August/September 2011.



# MB4 & MB5 - a choice of controllers

NAVIGATOR

Putting you in complete control of the climate in your home, you can choose from one of the new Navigator controller series – a remote or wall mounted controller that are both programmable to your family's lifestyle needs.



Remote Control

## Wireless Remote Control

If you are after the very latest in controls and technology, the Navigator wireless remote control is for you. All you have to do is choose the settings you want and this controller will monitor and maintain temperatures and operation and allow you to change settings all without leaving the comfort of your armchair.

- Wireless radio frequency
- Able to operate from room to room
- Thermostat temperature sensing from any room in your home with an outlet
- You can have up to 4 wireless remote controllers per home
- Large, clear and easy to read backlit LCD display
- Intuitive operation
- Customised operational settings
- Diagnostics and error reporting
- Optional controlling of multiple appliances
- Easy to operate in 5 selectable operating modes
- Full 7 day x 4 event programmable
- Integrated 4 zone\* control as standard – heat only the rooms you want
- Option of 8 Integrated zones\*\*
- Compatible with Bonaire Dual Cycle Cooling and Bonaire Integra Evaporative Air Conditioning



Wall Mounted Control

## Wall Mounted Control

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

- Multiple zone thermostat option, up to 4 controllers\*\*\*
- Large, clear and easy to read backlit LCD display
- Intuitive operation
- Customised operational settings
- Diagnostics and error reporting
- Optional controlling of multiple appliances
- Easy to operate in 5 selectable operating modes
- Full 7 day x 4 event programmable
- Integrated 4 zone\* control as standard - heat only the rooms you want
- Option of 8 Integrated zones\*\*
- Compatible with Bonaire Dual Cycle Cooling, Bonaire Integra and Summer Breeze Evaporative Air Conditioning

\*4 zone standard, individual zone motors supplied by installer at additional cost.

\*\*8 zone system is an option supplied and installed by installer at additional cost.

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

# Bonaire Inverter Dual Cycle Refrigerated Air Conditioning^

The ultimate in home heating and cooling, all year round. When you couple a Bonaire Ducted Gas Heating unit with a Bonaire Inverter Ducted Refrigerative unit, your complete Bonaire Inverter Dual Cycle System delivers warm and cool air effortlessly through the same concealed duct work.

At Bonaire, we strongly recommend matching only Bonaire Gas Central Heating with Bonaire Inverter Refrigerated Air Conditioning and a duct system specifically designed for a dual cycle. The end result is Australia's ultimate dual cycle system.

With thermostatic temperature control all year round, you'll enjoy the ultimate in climate control for your family even during sustained periods of hot and humid weather or freezing cold weather.



### Ultimate Features and Benefits

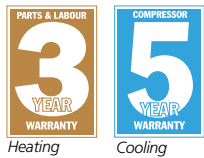
Bonaire Inverter Dual Cycle Systems\* have been designed to deliver efficient and reliable performance all year round. Some of the benefits of installing a Bonaire Inverter Dual Cycle System with a Bonaire Ducted Gas Heater are:

- The entire system's operation, programming and zoning selection can be controlled by one controller
- Uncompromised constant heating performance regardless of how cold it is outside
- Inverter air conditioning technology for efficiency and economical operation
- Fully combined heating and cooling comfort via a single ducting system - specifically designed for a Bonaire Inverter Dual Cycle System
- Zone control standard†. Heat or cool only the rooms you want to
- Integrated zoning control† on all 4 and 5 star ducted gas central heating units
- Installed to Bonaire's Bonres® computerised unit selection system\*\*
- Engineered for Australian conditions

### Ultimate in Peace of Mind

Every Bonaire Inverter Dual Cycle System is manufactured to stringent quality standards backed by a five year residential and two year commercial, parts and labour warranty\*\*\* and Bonaire's fully trained National Service Division.

It's real peace of mind as you and your family enjoy the ultimate heating and cooling solution for your home.



### Bonaire Inverter Dual Cycle Matching Chart

	MB4 4 star	MB5 5 Star
BI 12	20kW XA, 30kW	21kW XA, 30kW
BI 14	20kW XA, 30kW, 30kW XA	21kW XA, 30kW, 30kW XA, 35 kW
BI 18	30kW XA	30kW XA, 35kW

^Bonaire Inverter Dual Cycle Systems are not available for sale in Queensland and South Australia.  
\*Bonaire Inverter Dual Cycle systems are only recommended for sale and installation with matched Bonaire ducted gas heating units.  
\*\*Invalid if not sized strictly in accordance with Bonres® specifications. Installation and commissioning to Manufacturer's and Industry Standards and State regulatory law is the responsibility of the installer.  
\*\*\*The Bonaire Inverter Dual Cycle warranty does not apply to the ducted gas heating unit. All Bonaire ducted gas heating units carry their own warranty program and conditions. Please refer to your dealer or product information for more details.

†Individual Zone motors supplied by installer at additional costs.



Outdoor Refrigerated Unit Dual Cycle System 12 & 14kW unit

Outdoor Refrigerated Unit Dual Cycle System 18kW unit

Indoor Refrigerated Unit Dual Cycle Unit 18kW unit





# Pyrox Wall Furnaces

When you need to warm the living areas of your home, that's the time to choose a wall furnace. And there's none more stylish or sleek than the neutrally toned Pyrox Silhouette and Pyrox Deluxe wall furnaces. Designed to the same dimensions as earlier models for ease of replacement, these units deliver floor level warmth to efficiently heat living areas.

### Pyrox Silhouette Electronic Wall Furnace

- Choice of 2 sizes to heat small or large rooms
- Fully programmable timer with easy to read LCD display
- Simple to operate one touch controls
- Thermostatically controlled
- Directional airflow vanes to direct warm air where you need it
- Rear register option to split heating over two rooms
- Economy mode option with cost savings up to 60%
- Electronic ignition eliminating the need for a wasteful pilot light
- Available in natural gas only
- Domestic 10 year heat exchanger warranty (parts only)
- Domestic 2 year parts/labour warranty

### Pyrox Deluxe Manual Wall Furnace

- Choice of 2 sizes to heat small or large rooms
- Choice of inbuilt or console models
- Stylish slimline cabinet
- Electronic ignition eliminating the need for a wasteful pilot light
- Simple to operate electronic controls
- Thermostatically controlled NOW with new temperature override
- NEW simple to operate and easy-to-read electronic controller
- Available in natural gas only
- 3 pre-set temperature settings
- Rear register option to split heating over two rooms
- Cool to touch exterior
- Domestic 10 year heat exchanger warranty (parts only)
- Domestic 2 year parts/labour warranty

Pyrox Wall Furnace	Silhouette Electronic Inbuilt	Silhouette Electronic Console	Deluxe Inbuilt	Deluxe Console
Model No. 26.4Mj			N/A	N/A
Model No. 30Mj			4720006	4720006
Model No. 40Mj			4720011	4720011
Console Kit (965mm)			N/A	4721905
Rear Register Kit			4721901	4721901
Flue Kit			4701925	4701925
Natural Gas	Yes	Yes	Yes	Yes
Dimensions (Installed)				
Height (mm)	2100	2100	2100	2100
Width (mm)	480	480	480	480
Depth (mm)	160	250	160	250
Dimensions (Cutout)				
Height (mm)	1980-1995		1980-1995	
Width (mm)	410-430		410-430	
Same cut size out as Vulcan	Yes		Yes	
Weight (kg) (Shipping)	26Mj= 66 40= 70	26Mj= 66 40= 70	30Mj= 45 40= 45	30Mj= 45 40= 45
Capacity				
Heat output kW	26Mj = 6kW 40Mj = 8.7kW	26Mj = 6kW 40Mj = 8.7kW	30Mj = 6.5kW 40Mj = 7.8kW	30Mj = 6.5kW 40Mj = 7.8kW
Gas Input Mj/Hr	26.4 & 40	26.4 & 40	30 & 40	30 & 40
Heating Area (up to M²)*	26Mj 75, 40Mj 110	26Mj 75, 40Mj 110	30Mj 90, 40Mj 110	26Mj 90, 40Mj 110
Other				
Colour	Silver Beige			
Programmable control	Yes	Yes	No	No



Pyrox Silhouette Electronic In-built Wall Furnace



Rear register option



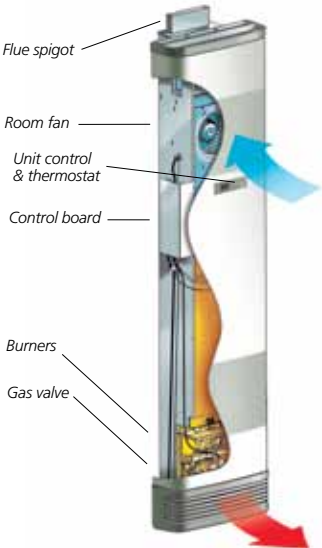
Silver Beige



Pyrox Deluxe In-built Wall Furnace



Rear register option



Parts only

\*Depends on room heat loss, ceiling height, unit position, and geographical location.

# Pyrox Flued Gas Space Heaters

Feel the warm, cosy glow of an open fire instantly without the mess, fuss or hazards. Your Pyrox Flued Gas Space Heater makes an attractive feature for your home, whether wall mounted or fitted into an existing fireplace.

### Pyrox Heritage

- Can heat up to 80m²\* The largest in its class
- Circulates warm air to every corner through radiant and convective heat
- Fits easily into existing space or fireplace
- Thermostatically controlled
- Electronic ignition
- Available in natural gas only
- Available in Heritage Brown colour
- Domestic 10 year warranty on burner and exchanger (parts only)
- Domestic 1 year parts & labour warranty

### Pyrox Executive

- Radiant and fan-assisted convective heat to cover a wide area
- Warms up to 60m²\*
- Top mounted easy-to-operate push button controls
- Electronic ignition
- Three heat settings for maximum efficiency and total flexibility
- Domestic 5 year warranty on heat exchanger (parts only)
- Domestic 1 year parts & labour warranty



Pyrox Heritage Manual In-built



Parts only

Parts only

Pyrox Space Heaters	Heritage Manual In-built	Heritage Manual Console	Executive In-built
Model Number	4804BN	4808BN	3740013
75mm Surround for Heritage	4109BN	N/A	N/A
Natural Gas	Yes	Yes	Yes
Dimensions			
Height (mm)	645	645	568
Width (mm)	852	852	730
Depth (mm)	-	345	205
In-built depth visible section	120	N/A	N/A
In built depth overall	390	N/A	N/A
In-built brick fireplace opening requirement			
Height (mm)	610	N/A	N/A
Width (mm)	700	N/A	N/A
In-built timber wall opening requirement			
Height (mm)	645	N/A	N/A
Width (mm)	760	N/A	N/A
Flue Spigot Dimensions (mm)	254 x 51		245 x 45
Flue Spigot Line above base (mm)	555		385
Weight (kg) (Shipping)	47	50	30
Capacity			
Gas Input Mj/Hr	37	37	25
Heating Area (up to M2)*	80	80	60
Other			
Colour	Heritage Brown		Capital Grey

\*Depends on room heat loss, ceiling height, insulation, unit position, and geographical location.



Pyrox Executive HE304I25M in Capital Grey



Parts only

Parts only



## Bonaire new homes

To ensure you select the right central heating system for your new home, we recommend you consider the following points before building.



If you're building a new home then it makes sense to ensure you incorporate central heating and cooling planning from the outset so that they are part of your earliest designs and not an after thought. After all, this is your biggest investment and the right ducted heating and cooling system will add value to your investment. It can be easily integrated into the construction of your home and make for simpler and more efficient installation during construction. Here are some points to consider.

- A 5 star home should be matched to a 5 star heating and cooling system
- Gas is a cost effective energy
- Bonaire can provide your total heating and cooling solutions from the design stage onwards
- Whole-of-home heating and cooling can be zoned\* to only cool or heat the areas you need to, eg. only bedrooms at night

\*Individual zone motors supplied by installer at additional cost.

## Bonaire renovators

If you're looking at renovating your home, it's the ideal time to upgrade to a new efficient Bonaire system.

Whether you already have an existing external or internal gas ducted central heating unit, Bonaire has a 3, 4 or 5 star model that's perfect for you. However, before you install a new system there are a few points you should consider.

- You should check if your current duct work and flues need to be upgraded.
- Is your current ducted central heater suitable for your existing needs and will it meet your new requirements once the renovation is complete?
- Is your existing central heater as energy efficient as it should be in today's climate of environmental awareness?

All of these can make your new Bonaire Central Heater even more efficient.

Finally, you should consider either a Bonaire Inverter Dual Cycle Cooling option or an economical Bonaire Evaporative Cooling System.





# How much money can you save with Bonaire?

The key benefit of gas central heating is the savings you can make on your heating bills to your whole home. What you need to weigh up is the initial purchase price versus the savings you will make on your gas bills each year. Obviously, the higher star rated product you buy, the more you will save on running costs.



# The right choice for cooling

Bonaire are also leaders in cooling products with a range that includes whole-of-home evaporative cooling, refrigerated air conditioning and dual cycle cooling.

Continuing our commitment to innovation, Bonaire MB4 and MB5 Gas Central Heating can be operated with either Bonaire Ducted Evaporative Cooling or combined with Bonaire Inverter Dual Cycle Refrigerative Cooling Systems using just one thermostat. This means that at the touch of a button, you can have complete heating and cooling control all year round.

Bonaire MB3 Gas Central Heating can be combined with Bonaire Ducted Evaporative Air Conditioning using just one thermostat, either slimline or Navigator series.

- Evaporative cooling**
- A Bonaire evaporative air conditioning system is the cheapest and quietest way to cool your whole home. In fact our ducted evaporative whole-of-home cooling system will save you up to 50% on installation costs and up to 80% on running costs compared to a standard ducted reverse cycle system.
- Evaporative cooling features:
- Low energy bills
  - Cost effective to purchase and install
  - Fresh air cooling (leave doors and windows open for indoor/outdoor flow)
  - Multiple colour options available
  - Can be integrated with your Bonaire heater controller.

**Refrigerated cooling<sup>^</sup>**

Bonaire Inverter Ducted Refrigerative Systems deliver total home temperature control, even during sustained periods of hot and humid weather.

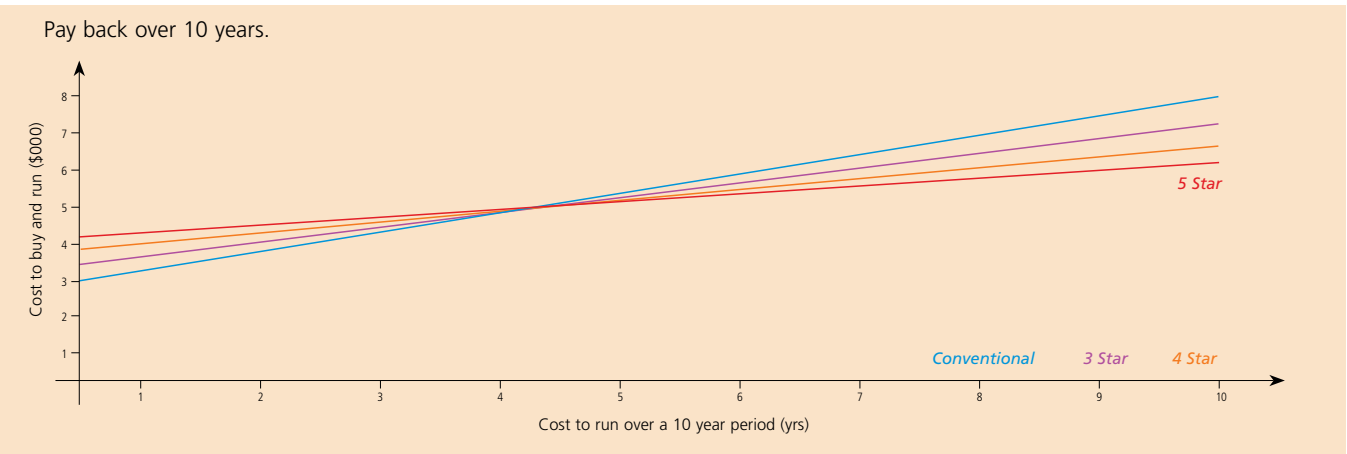
The Bonaire Inverter Refrigerative Systems consist of indoor and outdoor units which are designed to be installed out of sight (usually in the roof space or underfloor) and distribute the conditioned air through your home via insulated ducting. So no matter what your style of home your Bonaire system will hardly be seen or noticed.

**The reliable choice**

Bonaire's ducted range of gas central heating units are designed and manufactured to the highest standards for maximum performance and reliability. Bonaire is a Quality Endorsed Company and all products are Australian owned. In addition, all products made and engineered by Bonaire are backed by Climate Technologies National Service Division, a wholly Australian owned company.

<sup>\*</sup>Individual zone motors supplied by installer at additional cost.  
<sup>^</sup>Bonaire Inverter refrigerated systems are not available for sale in Queensland and South Australia.

The payback graph below highlights the benefits of purchasing a higher star rated product in the long run.



Based on Sustainable Energy Authority Victoria estimates of purchase and running costs figures for an average 150m<sup>2</sup> home with 2.4m ceiling, heating a home to 21° for 8 hours per day. Estimate only. Heating with higher thermostat settings or for more hours per day will increase annual heating costs.

## Bonaire, the year round choice

Bonaire lets you enjoy complete heating and cooling comfort all year round at the touch of a button. Illustrating our commitment to innovation, Bonaire Ducted Evaporative Cooling can be combined with Bonaire 3, 4 or 5 star Gas Ducted Central Heating using just one thermostat. You have the choice of installing Bonaire heating at the same time as your Bonaire cooling or simply add it at a later date.

Please ask your dealer for a Bonaire Air Conditioning Product Range Brochure.



Bonaire is a Quality Endorsed Company and all products are Australian owned. In addition, all products made and engineered by Bonaire are backed by Climate Technologies National Service Division, a wholly Australian owned company.



The low profile Bonaire Integra EAC





Specifications

Bonaire MB3 Series 3 Star Gas Central Heating	MB3-14	MB3-20	MB3-30	B3-30 XA
Model Internal	5430052	5440052	5460052	5460053
Model Extern *	5430062	5440062	5460062	N/A
Natural Gas	Yes	Yes	Yes	Yes
<b>Dimensions</b>				
Length (mm)	845	845	895	895
Width (mm)	350	350	475	475
Height (mm)	620	620	670	670
Weight (kg) (shipping)	47	50	70	73
Duct Connections (mm) Supply & Return	300	300	350	350
<b>Capacity</b>				
Heat Output kW/Hr	14	18.5	28	28
Air Capacity l/s @ 100pa	540	540	830	1050
Typical number of 150mm outlets	9	11	15	20
Star Rating	3.0	3.0	3.2	3.1
<b>Other</b>				
External Colourbond Colour	Dune	Dune	Dune	Dune

Bonaire MB4 Series 4 Star Gas Central Heating	MB4-14	MB4-20	MB4-20 XA	MB4-30	MB4-30 XA
Model Internal	5430072	5440072	5440073	5460072	5460073
Model External	5430082	5440082	N/A	5460082	5460083
Natural Gas	Yes	Yes	Yes	Yes	Yes
<b>Dimensions</b>					
Length (mm)	845	845	895	895	895
Width (mm)	350	350	475	475	475
Height (mm)	620	620	670	670	670
Weight (kg) (shipping)	47	50	60	70	73
Duct Connections (mm) Supply & Return	300	300	350	350	350
<b>Capacity</b>					
Heat output kW/Hr (Nominal)	14	20	20	30	30
Air Capacity (L/S@75Pa)	560	560	800	800	1065
Typical number of 150mm outlets	5-9	7-11	7-14	8-15	8-20
Turn Down capacity***	10%	10%	10%	10%	10%
Star Rating	4.0	4.5	4.5	4.4	4.4
<b>Other</b>					
Suitable with Bonaire Dual Cycle	Yes	Yes	Yes	Yes	Yes
External Colourbond Colour	Dune	Dune	Dune	Dune	Dune
Zoning Standard*	Yes	Yes	Yes	Yes	Yes
Optional Multiple Room Thermostats**	Yes	Yes	Yes	Yes	Yes

\*Standard with 4 zones but can option up to 8. \*\*Discuss this with your authorised Bonaire Dealer.  
\*\*\*10% turn down capacity can only be achieved under certain duct conditions, controller settings and zone damper operation as set by a Qualified Bonaire Installer.

Bonaire M Series MB5 5 Star Gas Central Heating – Internal Range	MB515	MB521	MB521 XA	MB530	MB530 XA	MB535
Model Internal NG	5430092	5440092	5440093	5460092	5460093	^
Model Internal LPG***	N/A	5440094	N/A	5460094	N/A	^
<b>Dimensions</b>						
Length (mm)	950	950	990	995	995	^
Width (mm)	350	350	475	475	475	^
Height (mm)	620	620	670	670	670	^
Weight (kg) (Shipping)	^	^	^	^	^	^
Duct Connections (mm) Supply & Return	300	300	350	350	350	^
<b>Capacity</b>						
Heat output kW/Hr	Available August/September 2011					
Air Capacity (L/S@75Pa)						
Typical number of 150mm outlets						
Turn Down capacity						
Star Rating						
<b>Other</b>						
Suitable with Bonaire Dual Cycle	Yes	Yes	Yes	Yes	Yes	Yes
Zoning Standard*	Yes	Yes	Yes	Yes	Yes	Yes
Optional Multiple Room Thermostats**	Yes	Yes	Yes	Yes	Yes	Yes
Choice of Wall mounted or Remote control	Yes	Yes	Yes	Yes	Yes	Yes

\*Standard with 4 zones but can option up to 8. \*\*Discuss this with your authorised Bonaire Dealer.  
\*\*\*10% turn down capacity can only be achieved under certain duct conditions, controller settings and zone damper operation as set by a Qualified Bonaire Installer.  
^Available August/September 2011

Bonaire M Series MB5 5 Star Gas Central Heating. External Range	MB515	MB521	MB530
Model External NG	5430096	5440096	5460096
Model External LPG***	N/A	5440098	5460096
<b>Dimensions</b>			
Length (mm)	945	945	995
Width (mm)	350	350	475
Height (mm)	620	620	670
Weight (kg) (Shipping)	^	^	^
Duct Connections (mm) Supply & Return	300	300	350
<b>Capacity</b>			
Heat output kW/Hr	Available August/September 2011		
Air Capacity (L/S@75Pa)			
Typical number of 150mm outlets			
Turn Down capacity			
Star Rating			
<b>Other</b>			
Suitable with Bonaire Dual Cycle	Yes	Yes	Yes
Cabinet Material	Dune	Dune	Dune
Zoning Standard*	Yes	Yes	Yes
Optional Multiple Room Thermostats**	Yes	Yes	Yes
Choice of Wall mounted or Remote control	Yes	Yes	Yes

\*Stand with 4 zones but can option up to 8. \*\*Discuss this with your authorised Bonaire Dealer. \*\*\*LPG Units made to order. ^Available August/September 2011

Bonaire Dual Cycle System		Indoor Outdoor	BI 12	BI 14	BI 18
<b>Models</b>					
Outdoor Condenser unit			6650020	6650030	6650040
Dual Cycle Indoor Coil unit			6650022	6650032	6650042
<b>Capacity</b>					
Rated capacity	Cooling	kW	12	14	18
Power input	Cooling	kW	4.35	5.07	6.08
<b>Performance</b>					
Rated system air flow		l/s @ High speed	639	750	1028
Rates System Static Pressure		Pa	50 ~ 180	50 ~ 180	50 ~ 180
Outdoor Sound Pressure		dB(A) @ 1 Mtr	61	62	68
Rated EER (Cooling)			2.76	2.77	2.77
Rated AEER (Cooling)			N/A	N/A	2.75
Star Rating (Cooling)			3.5	3.5	1
Outdoor Unit Operating Range Cooling		Degrees C	5 ~ 48	5 ~ 48	5~48
Suitable Area		M² @ 2.4 M Ceiling	36 ~ 60	56 ~ 93	64 ~ 110
<b>Electrical</b>					
Power supply		Voltage /Phase	240/1	240/1	415/3
Running Current Cooling		Amp	22.6	26.8	16.8
Full Load Amps		Amp	26.6	30	18.3
Voltage Range (Condenser Unit)			198 ~ 254	198 ~ 254	342 ~ 418
<b>Dimensions</b>					
Outdoor unit		W x H x D	950 x 1255 x 410	950 x 1255 x 410	940 x 1620 x 820
Outdoor Unit Packaging Dimensions		W x H x D	1030 x 1380 x 440	1030 x 1380 x 440	1000 x 1780 x 850
Indoor Unit		W x H x D	1200 x 380 x 590	1200 x 380 x 590	1435 x 500 x 400
Indoor Unit Packaging Dimensions		W x H x D	1410 x 445 x 695	1410 x 445 x 695	1588 x 650 x 1030
Gross Weight Outdoor Unit		Kg	122	122	273
Gross Weight Indoor Unit		Kg	44.3	44.3	38
<b>Refrigeration System</b>					
Compressor System			Dual- Fixed & Inverter	Dual- Fixed & Inverter	Dual- Fixed & Inverter
Refrigerant		Type	R410A	R410A	R410A
Pre Charge Pipe Length		Mts	5	5	5
Pre Charge Quantity		kg	3.2	3.9	8.8
Additional charge		Grams/Mtr	100	100	110
Pipe Size (Liquid)		mm (")	9.53 (3/8")	9.53 (3/8")	12.7 (1/2")
Pipe Size (Suction)		mm (")	19.05 (3/4")	19.05 (3/4")	22.0 (7/8")
Pipe length (maximum)		Mts	25	25	35
<b>General Information</b>					
Outdoor unit colour			Cream	Cream	Cream
Outdoor unit paint finish			Powder Coated	Powder Coated	Powder Coated
Outdoor fan grill material			UV Stabilised Ploypropelyne	UV Stabilised Ploypropelyne	UV Stabilised Ploypropelyne

The full technical data chart should be consulted for more technical detail. This product must be installed by a qualified licensed installer. \*2011 star rating algorithm.



Your nearest Bonaire stockist is:-

For further information please phone:

**VIC/ACT/NSW/QLD** (03) 8795 2424

**WA** (08) 9454 1010

**SA** (08) 8307 5300

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



**BONAIRE®**

The leaders in heating and cooling

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

**A CLIMATE TECHNOLOGIES BRAND. ABN 13 001 418 042. 26 Nylex Avenue, Salisbury 5108**

In the interest of continued product improvement, Bonaire reserves the right to alter specifications without notice E & OE. Colours represented are as accurate as the printing process will allow.  
For further information on warranty terms and conditions please refer to Bonaire's warranty information booklet. Domestic warranty only. Unit warranty for commercial applications is one year parts and labour.

BON659 May 2011