

Gas Heating Product Range



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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.



This winter, stay warm as.

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 one or more gas space heaters.

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 Use a whole of home gas

Living and sleeping areas for long periods but at different times of the day.

Living and sleeping areas both for long periods at the same time.

Use whole of home gas central heating system.

central heating system.

How Bonaire gas central heating works.

Bonaire gas central heating is a ducted system, which means that heated air is distributed throughout the home by a network of ducts, usually in the roof cavity or under the floor. Air is heated in a heat exchanger, which is heated by clean burning gas. The warm air enters each room through an outlet located in the floor, ceiling or wall. All 4 and 5 star Bonaire units have high tech modulating fan technology that delivers whole of home heating efficiently and quietly.

Energy efficiency and saving money with Bonaire.

All gas central heaters have a star rating which is a guide to their energy efficiency. The AGA (Australian Gas Association) rating label shows you the appliance's efficiency. This is an Australian approved standard for evaluating the energy efficiency of an appliance. The more stars, the more energy efficient the unit.



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) 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-GD15.0ct/WH, natural gas 0.96c/MJ, LPG 70.0clft, wood \$175Itonne. Supply changes 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 an energy efficient home, reduce costs by 30%. • For an energy efficient provide a solution of the provide 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 Series Gas Central Heating System.

You have the choice of three model options – the MB3, B4 and top of the range B5 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 specialist.

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





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[^]



Typical unit and ducting layout of a roof space mounted internal unit installation. *Installer set.

New Bonaire MB3. The 3 star value choice.

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 digital thermostat or the option of a programmable digital controller that allows you to preset two independent heating periods per day. Just set and forget. The MB3 external models have a Colourbond® 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
- Digital thermostat included with unit
- Easy Installation
- State-of-the-art technology
- Efficient operation
- Environmentally conscious design
- Backed by Bonaire's own National Service Division
- External model in Colourbond[®] cabinet can be fitted internally if required
- Engineered for Australian conditions
- Compact
- Internal units splitable for easy installation can be fitted through a man-hole
- Designed for small compact roof spaces 30mm top clearance
- Backlit thermostats
- Large LCD thermostat displays
- Optional accessory programmable digital thermostat with EMR (Energy Management Recovery)
- External unit is ideal for the changeover market



Variable speed room air fan.

to maximise heat transfer



Bonaire B4. The 4 star premium choice.

The Bonaire B4 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 B4's outstanding energy efficiency is its unique helical tube heat exchanger with its modulating gas valve and modulating room air fan that optimises gas usage and maximises the heat transfer to your home.

The B4 also offers you the choice of an RF programmable remote control which controls the temperature from any room in your home or a premium programmable wall controller. For added control, the B4 can even heat selected areas in your home as desired (zoning*).

Of course, the B4 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 B4 4 star unit

The Bonaire B4 4 star has the benefits of the 3 star plus more.

- Modulating gas valve automatically adjusts the gas rate as the home approaches the set temperature thus enhancing energy efficiency
- Auto adjusting room air fan. Further enhance the benefit of modulation and energy savings
- Zone control standard^{*} Heat only the rooms you want
- Quiet operation
- Save on running costs
- Range of internal and external models available
- Unique helical 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
- Variable speed room air fan to optimise performance
- Easy Installation
- State-of-the-art technology
- Efficient operation
- Environmentally conscious design
- Backed by Bonaire's own National Service Division
- External model in Colourbond® cabinet
- Engineered for Australian conditions
- Compatible with Bonaire Inverter Dual Cycle Systems

*Individual zone motors supplied by installer at additional cost.





B4 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 B5. The 5 star ultimate choice.

Quite simply, if you want the best ducted gas central heating system on the market, then look no further than the Bonaire B5 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 B5 you get a primary and secondary heat exchanger, which are both 90% plus efficient. Added to this is Bonaire's unique predictive logic modulation system, modulating the gas valve and room air fan to minimise wasteful on/off cycling. You can be looking at energy savings of up to 48%.**

Benefits of a Bonaire B5 5 star unit

The Bonaire B5 5 star has all the benefits of the 4 star units plus more.

- 90% efficiency More heat in the home for each dollar you spend
- Highly efficient 3 stage heat exchanger with a primary and a stainless steel secondary to efficiently heat your home
- Choice of controller
- Flexible installation options
- Natural gas or LPG models available
- Modulating gas valve automatically adjusts the gas rate as the home approaches the set temperature thus enhancing energy efficiency
- Auto adjusting room air fan. Further enhance the benefit of modulation and energy savings
- Zone control standard[†] Heat only the rooms you want to
- Ouiet operation
- Save on running costs
- Range of internal and external models available
- Induced draft combustion for improved energy efficiency
- Electronic ignition eliminating the need for a pilot light
- Variable speed room air fan to optimise performance
- Easy Installation

Electronic ignition

Electronic control system with diagnostics.

system.

State-of-the-art technology

optimum gas usage for maximum efficiency.

Modulating gas system ensuring



5 star external model.

- Compatible with Bonaire Inverter Dual Cycle Systems
- Efficient operation
- Environmentally conscious design
- Backed by Bonaire's own National Service Division
- External model in Colourbond[®] cabinet
- Engineered for Australian conditions

Intelligent Technology

Bonaire's state-of-the-art technology is so intelligent, it can match your heating requirements to give you unparalleled comfort and energy efficiency.

Unlike conventional systems, a Bonaire system senses the amount of heating needed to reach a set temperature. As you get closer to your desired temperature, the Bonaire B4 and B5 units adjust the level of gas usage depending on the conditions and provide what is best described as 'soft heat' to give you the ultimate in efficiency and comfort.

Extended Warranty

Induced draft

Modulating room air fan to provide a more constant room air temperature

combustion fan

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.

**Savings compared to a conventional standard efficiency gas central heating unit. †Individual Zone motors supplied by installer at additional costs.



Combination tube 4 stage heat exchange process, Giving over 90% thermal efficiency.

B4 / B5 – a choice of controllers.

Putting you in complete control at home, you can choose a RF remote control or an electronically programmable control with your B4 or B5 unit, depending on your family needs and the type of home you have. Controllers for 4 and 5 star units only.



If you're after the latest in design our radio frequency remote control is for you. All you have to do is choose the setting you want and it's automatically monitored and maintained. All without leaving the comfort of your armchair.

- Wireless Radio Frequency remote
- World's first ducted gas central heating Radio Frequency Controller
- Able to operate from room to room
- Temperature sensing in any room with an air outlet
- Easy to operate in either manual or auto modes
- 7 day x 4 event programmable
- Economy and boost functions
- Zone control
- Option to control multiple Bonaire appliances
- Clear and easy to read LCD display
- Compatible with Bonaire's ducted heating, dual cycle and evaporative air conditioning*

*Not compatible with MB3 star.

Programmable premium control

Wall controller with easy to use functions and LCD display.

- Easy to operate in either manual or auto modes
- 7 day x 4 event programmable
- Economy and boost functions
- Zone control
- Option to control multiple Bonaire appliances
- Clear and easy to read LCD display
- Compatible with Bonaire's ducted heating, dual cycle and evaporative air conditioning*

*Not compatible with MB3 star.



Ultimate wireless remote controller

Premium programmable controller

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

	B4 4 Star	B5 5 Star
BI 12	20kW XA & 30kW	21kW XA & 30kW
BI 14	20kW XA, 30kW XA	21kW XA, 30kW XA, 35 kW
BI 18	30kW XA	30kW XA, 35kW

ABonaire 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 shown)



Indoor Refrigerated Unit Dual Cycle 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
- Available in natural gas only
- 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

Ругох	Silhouette Electronic In-built	Silhouette Electronic Console	Deluxe In-built	Deluxe Console		
Colour	Silver Beige	Silver Beige	Silver Beige	Silver Beige		
Gas type						
Natural Gas	1	1	1	1		
Thermostat control	1	1	1	1		
Directional air flow vanes	1	1	1	1		
Input MJ/h						
26 MJ	1	1				
30 MJ			1	1		
40 MJ	1	1	1	1		
Dimensions (inst	Dimensions (installed)					
Height (mm)	2100	2100	2100	2100		
Width (mm)	480	480	480	480		
Depth (mm)	160	250	160	250		
Cut out dimensio	Eut out dimensions					
Height (mm)	1980-1995		1980-1995			
Width (mm)	410-430		410-430			
Heating capacity*						
26 MJ	Up to 75 m ²	Up to 75 m ²				
30 MJ	-	-	Up to 90 m ²	Up to 90 m ²		
40 MJ	Up to 110 m ²	Up to 110 m ²	Up to 110 m ²	Up to 110 m ²		

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





Pyrox Silhouette Electronic In-built Wall Furnace.



Silver Beige





Rear register option



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 80m^{2**} 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	Heritage Manual Console	Executive HE304/25M		
Colour	Heritage Brown	Heritage Brown	Capital Grey		
Gas type					
Natural Gas	1	1	1		
Dimensions					
Height (mm)	645	645	568		
Width (mm)	852	852	730		
Depth (mm)	-	345	205		
In-built - visible part	120		-		
In-built - overall	390	=2	-		
Heating capacity					
Area**	Up to 80 m ²	Up to 80 m ²	Up to 60 m ²		
Flue spigot dimensions	÷	20	245 mm x 45 mm		
Spigot line	-		385 mm above base		
Input Mj/h	37	37	25		
Installation requirements	In-built model minimum wall opening (brick) 700mm x 610mm (w x h)				
	In-built model minimum wall opening (timber) 760mm x 645mm (w x h)				

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



Pyrox Heritage Manual In-built.





Pyrox Executive HE304/25M in Capital Grey.



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?

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 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 150m2 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.

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, B4 and B5 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.

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^{*}

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.

*Individual zone motors supplied by installer at additional cost. ^Bonaire Inverter Dual Cycle Systems are not available for sale in Queensland and South Australia.

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 4 star 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

