



BONAIRE®

The leaders in heating and cooling



My Climate
**WIFI
CONTROL**

Heat your whole home in just
10 minutes!



Whole home heating



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

Reliable

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

How does Ducted Gas Heating Work?

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

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.



* 4 Zone capability is standard, individual zone motors supplied and installed by a specialist dealer at additional cost.

Zoning

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

Bonaire® provides you
with Peace of Mind

Low Running Costs

Bonaire has a range of ducted gas heaters that can save you up to 30% on your energy bill

My Climate® WIFI Control

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

Multiple Thermostats

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



Top: Typical ceiling installation.

Above: Typical sub-floor installation.

Bonaire – the leaders in heating

Bonaire has been providing New Zealand 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.

Hamilton-based family firm, Aber Living have been distributing Bonaire in New Zealand since 2001.

In order to ensure that your Bonaire system is correctly designed and installed, Aber Living has a well-established network of authorised and accredited specialist dealers.

Aber Living's specialist dealers are also able to offer an extended 2 year warranty for added peace of mind, on the Bonaire mid and high efficiency heaters, giving you a generous 7 year warranty on your system.



Bonaire MB5

Compact with 5 star efficiency

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

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

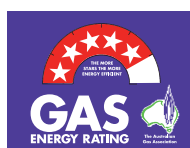
This not only reduces gas consumption but also reduces electricity usage of the fan motor.

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



Bonaire MB5 Features

- 5 star energy efficiency rating
- Modulating gas valve automatically adjusts gas rate as the home approaches set temperature
- Auto adjusting variable speed room air fan further enhancing the benefit of modulation and energy savings
- Integrated four zone control standard, heat only the rooms you need when you need them**
- Unit can run as low as 10% of its total capacity
- Option of an 8 zone system for total comfort and maximum efficiency**
- Compatible with Bonaire Dual Cycle refrigerated air conditioning
- 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 Zone capability is standard with an option for 8. Zone motors supplied and installed by a specialist dealer at additional cost.

Bonaire MB4

The fully featured 4 star performer

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

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

MB4 is also compatible with Bonaire Dual Cycle refrigerated air conditioning.



Bonaire MB4 Features

- 4 star energy efficiency rating
- Modulating gas valve automatically adjusts gas rate as the home approaches set temperature
- Auto adjusting variable speed room air fan further enhancing the benefit of modulation and energy savings
- Integrated four zone control standard, heat only the rooms you need when you need them**
- Unit can run as low as 10% of its total capacity
- Induced draft combustion for improved energy efficiency
- Option of an 8 zone system for total comfort and maximum efficiency**
- Compatible with Bonaire Dual Cycle refrigerated air conditioning
- 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 Zone capability is standard with an option for 8. Zone motors supplied and installed by a specialist dealer at additional cost.



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



Navigator Wireless Remote Features

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

Navigator[®] Wall Mounted Controller

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



Navigator Hard Wired Features

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

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

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

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

My Climate® WIFI

The latest technology in appliance control

Bonaire's My Climate® WIFI control allows you to control your Bonaire ducted gas heater from your Smart Device.

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

My Climate® WIFI will control all Bonaire mid and high efficiency gas heaters and dual cycle refrigerated air conditioners.

My Climate® Features

- WIFI control that is compatible with both IOS and Android smart devices
- Provides full unit control including temperature setting, 7 day programming and zoning control when zones have been installed.
- Allows the naming of each zone to match the room set up in your home
- Utilises existing home WIFI network or mobile network
- Remote access function allows you to turn on your appliance from work or when you are out
- Directly syncs with the main thermostat control
- My Climate® WIFI control requires installation of a Navigator hard wired or remote wireless thermostat



Add-on Fresh Air Ventilation

By adding on a Fresh Air Ventilation system, you can reticulate all of the air within your home up to five times every hour. This air movement creates a cooling-effect and reduces condensation.

A cleaner, healthier home

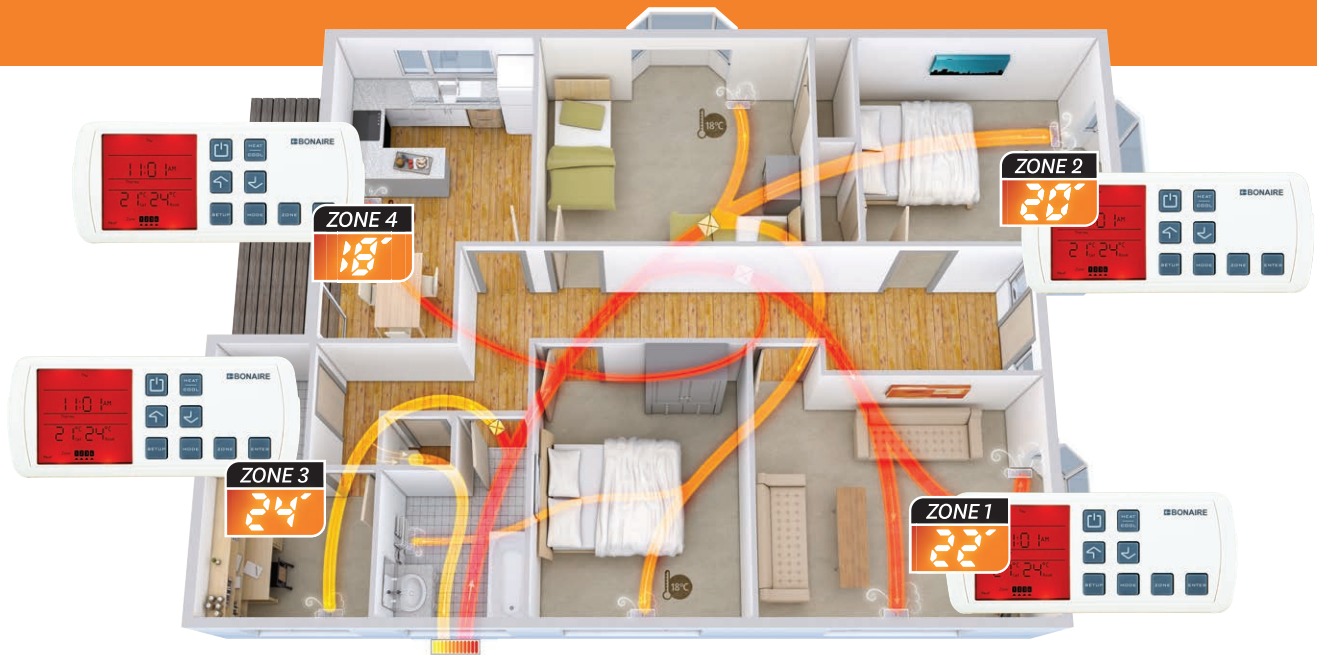
The Fresh Air Ventilation system is designed to be attached to your new or existing Bonaire heating system. Once attached the Fresh Air Ventilation system draws fresh air from outside on the cooler side your home, filters it and adds it to the air being

circulated around your home. This allows fresh, filtered air to be introduced to the home (this equates to 30% of the total system air). The system is controlled using a single wall mounted switch to turn the FAV damper on or off, and the standard Bonaire touchpad control to adjust fan speed.

Bonaire Zoning

Reduce Your Energy Costs

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



☒ Zone Dampers

Available with Bonaire mid and high efficiency units, Bonaire zoning allows you to have four integrated zones as standard, with the option to extend up to 8 integrated zones.

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

Bonaire Zoning Features

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

Multiple thermostats give you complete control

Bonaire mid and high efficiency heaters can operate up to 4* Navigator controllers.

This means you can have 4 different temperature 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 Zone capability is standard, individual zone motors supplied and installed at additional cost.

** 8 Zone system is an option supplied and installed by a specialist dealer.

Bonaire Rhino®

Replace your old outdoor heater

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

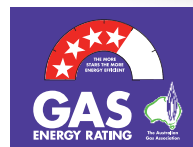
Unfortunately all things wear out with age and, as technologies and efficiencies advance, there comes a time when you need to look at replacing your old ducted heater.

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

Bonaire Rhino Features

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

Bonaire
RHINO



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

** 4 Zone capability is standard with 4,5 and 6 units with an option for 8. Zone motors supplied and installed at additional cost.

*** Zone dampers and motors supplied by specialist dealer at additional costs

Visit www.bonaire.co.nz

to see our full range of ducting, grilles and vents



Cool your home with Bonaire & ilec Dual Cycle



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

Bonaire Dual Cycle[®] refrigerated air conditioning

When you are looking for the optimum in home heating and cooling you can't go past a Dual Cycle system. Dual Cycle combines the instant heat of a ducted gas heating system with the cool comfort of a refrigerated air conditioning system. And all this runs through one duct system and off one single control.

At Bonaire we have researched products from around the world to find the perfect refrigerated partner for our innovative range of gas ducted heaters. Nothing is better than having the best of both worlds in heating and cooling with a Bonaire and ilec Dual Cycle System.



ilec
appliances

* System zoning is an option offered by and is subject to individual customer needs and system design. Talk to your specialist dealer about a zoned system that best suits your lifestyle.

** Requires zone dampers and motors which are supplied by the installer at additional cost

Benefits of a Dual Cycle System

- The entire system, operation, programming and zoning is controlled by one single Navigator control or through a My Climate[®] WIFI control
- Fully combined heating and cooling comfort via a single ducting system
- Uncompromised constant heating performance for when it gets really cold outside
- Zone control as standard – choose the rooms you want to heat and cool*
- Integrated zoning control 4 zones standard or 8 as an option**
- Choice of hardwired or RF remote Navigator control
- 5 year parts and labour warranty on ilec air conditioning units



R410-A

Environmentally friendly refrigerant cools and heats more efficiently without destroying the ozone layer.



Compact Design

Smaller dimensions for easy installation, transportation and reduced cost.



Auto Restart

Unit is automatically returned to previous operating conditions after a power outage for simplified operation.



3-Minute Protection

A 3-minute delay before the compressor will restart helps avoid compressor damage and work time.

Bonaire Specifications

Bonaire MB4 Series

Model	MB4-20	MB4-25	MB4-30
Model Internal	5440072	5450072A	5460072
Model External	5440082	5450082A	5460082
Gas Type	Natural	Natural	Natural
Capacity			
Heat output kW/Hr (nominal)	20	25	30
Airflow @100pa	540	830	830
MegaJoules	80	100	120
Star Rating	4.4	4.0	4.4
Typical number of 150mm outlets	7 to 11	8 to 14	10 to 15
Dimensions			
Length	845	895	895
Width	350	475	475
Height	620	670	670
Duct Connections supply and return	300	350	350
Return Air Grille filtered	900 x 500	1000 x 600	1000 x 600

Bonaire Rhino MBR4 Series

Model	MBR4-20	MBR4-30
Model Natural Gas	5440084A	5460084A
Capacity		
Heat output kW/Hr (nominal)	20	30
Airflow @100pa	540	820
MegaJoules	80	120
Star Rating	4.4	4.4
Typical number of 150mm outlets	7 to 11	10 to 15
Dimensions		
Length	910	1020
Width	395	550
Height*	625	660
Duct Connections supply and return	300	350
Return Air Grille filtered	900 x 500	1000 x 600

*add 85mm for top mounted flue

Bonaire MB5 Series - 5 Star Rated Non Condensing Gas Heaters

Model	MB5NC-21	MB5NC-21XA (available - not stocked)	MB5NC-30	MB5NC-30XA (available - not stocked)	MB5NC-35 (available - not stocked)
Model Natural Gas	5640020	5640026	5660020	5660026	5670020
Model LPG	5640028	NA	5660028	NA	NA
Capacity					
Heat Output kW/Hr (nominal)	21	21	30	30	35
Airflow @100Pa	770	1050	1050	1250	1250
MegaJoules	80	80	120	120	140
Star Rating	5.0	5.0	5.0	5.0	5.0
Typical number of 150mm outlets	7-11	7-14	8-15	8-20	8-20
Dimensions (mm)					
Length	845	894	894	894	894
Width	350	476	476	476	539
Height	618	658	658	658	658
Duct Connections supply and return	300	350	350	350	350
Return Air Grille filtered	900 x 500	900 x 500	1000 x 600	1000 x 600	1000 x 600

Bonaire ilec Dual Cycle Specifications

Model		DC12	DC14	DC 17
	Indoor Unit	6850025	6850035	6850045
	Outdoor Unit	6850023	6850033	6850043
Indoor Unit				
Power Supply	V/Ph/Hz	240/1/50	240/1/50	415/3/50
Mode		Fixed Speed		
Rated Capacity	kW	12.0	13.6	17.0
Rated Input	kW	3.84	4.35	5.44
AEER		3.13	3.13	3.13
Starting Current	Amps	30	30	26
Indoor Unit Dimensions H x W x D	mm	555 x 548 x 1070	555 x 548 x 1070	555 x 648 x 1156
Starter sizes Supply/Return	mm	450/450	450/450	500/500

Bonaire ilec Dual Cycle Matching Chart

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

Your nearest Bonaire stockist is:



Bonaire products are distributed by:
Aber Holdings Ltd T/A Aber Living
17 Mainstreet Place, Te Rapa, Hamilton 3200
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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.

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