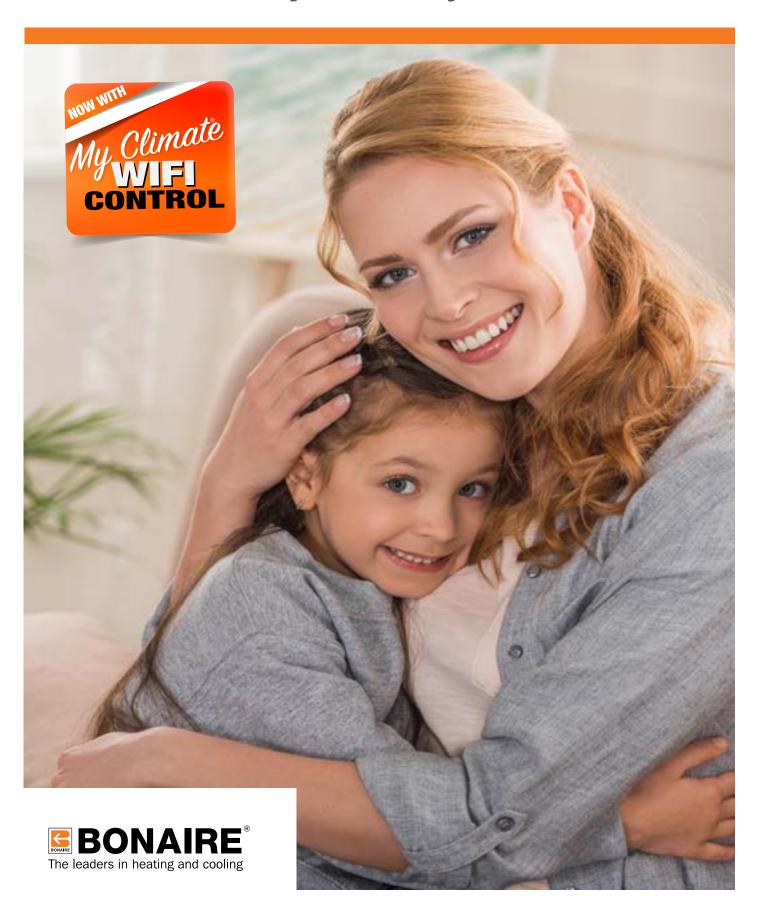
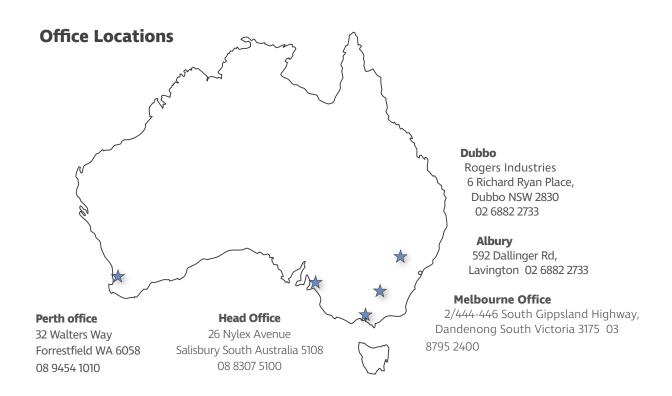
## **Ducted Gas Heating**

The effective way to heat your whole home







#### bonaire.com.au

BONAIRE® A CLIMATE TECHNOLOGIES BRAND ABN 13 001 418 042

Your nearest Bonaire stockist is:-

# 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

#### **Multiple Thermostats**

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

## How does Ducted Gas Heating Work?

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

The heating unit is connected to a network of ducts and outlets. The outlets are placed in your home in either the ceiling or the floor. The air from the outlets circulates throughout your home then passes through a return air grille and back through the heater to be warmed again. Your controller lets you set both the temperature and the rooms that you want to heat if you have zone motors connected.

#### **Bonaire Specialists**

In order to ensure that your Bonaire system is correctly designed and installed we have a network of authorised and accredited specialist Dealers. These specialists undertake regular training to maintain their expertise in system requirements which will ensure your Bonaire heater is installed to the highest standards. Call 1300 Bonaire or log on to www.bonaire.com.au to contact your nearest Bonaire specialist.



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 3,4,5 and 6 star ducted gas heaters that can save you up to 30% on your energy bill

#### My Climate® Wi-Fi® Control

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

#### Reliable

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

#### Bonres<sup>®</sup> Unit Selection Guide

At Bonaire we understand that every home is different. That's why we have developed Bonres® sizing and design software that enables your Bonaire specialist dealer to accurately select the perfect Bonaire ducted gas heater for your home. After using the Bonres® unit selection guide and having the Bonaire ducted heater correctly installed and commissioned by a licensed Bonaire specialist, if the Bonaire unit does not perform to specification, Bonaire will repair or replace the Bonaire unit free of charge, or refund your money.

## Bonaire – the leaders in heating & cooling

As one of Australia's leading heating and cooling brands, Bonaire has been providing homes with state of the art, efficient and affordable heating systems for over 60 years. Using proven technology we create intelligent, user friendly systems that maximise energy efficiency whilst being economical to own and operate.

Australian owned, we are ISO9001
quality accredited and constantly
strive to introduce product
improvements and refinements to
ensure that the Bonaire name is synonymous with
quality and innovation. All Bonaire products are
backed by our own company operated service
division providing the highest levels of after sales
service to our customers.

## Which star rating should I choose?

All ducted gas heaters are supplied with an Energy Star rating label. These labels provide details of the amount of gas each unit will consume over a normal winter. It's an indicative guide that outlines the running cost of the heater in terms of annual energy usage. The more efficient the heater the higher the star rating. The higher the star rating the more money you can potentially save on running costs. On average an increase of one star means energy savings of approximately 10 percent



<sup>\*</sup> The running cost data used to determine these results is based on Australian Standard AS4556-2011. This standard determines a house heat load of 0.2 Mega joules per hour per cubic meter of living area heated over 600 hours of operation. Savings are specifically based as a comparison with a three star ducted gas heater. Calculations for gas usage are based on the Average House Floor Area (with 2400mm ceiling) for new homes as published by the Australian Bureau of Statistics from a study commissioned by Commsec in 2013. The calculations were specifically based on the Annual Energy Consumption in accordance with the AGA Star ratings for Ducted Gas systems and using a gas cost of 1.6 cents per MJ/HR. Savings should be seen as a guide only as actual heating performance and therefore savings, may vary due to a number of factors including home construction and size, gas costs, heater usage, and zoning.

#### The Ultimate in 6 star efficiency

If you are looking for the ultimate in efficiency and performance the Bonaire MB6 6 star ducted gas heater will provide you with the ultimate in heating comfort.

The MB6 uses a primary and secondary heat exchanger which combined gives you a six star energy efficiency rating. When you add this level of efficiency to Bonaire's predictive logic modulation system which modulates both the gas rate and the room air fan, you can achieve the ultimate in comfort without excessive energy bills.

The MB6 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.

The MB6 series also offers 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.\*\* You can also operate your MB6 heater with Bonaire My Climate® Wi-Fi® control.

#### Bonaire MB6 Features:

- 6 star efficiency rating more heat for each dollar you spend.
- High efficiency four stage heat exchanger
- Predictive logic modulation that automatically adjusts the gas rate as your home reaches set temperature
- Auto adjusting room air fan that works in unison with the predictive logic modulation, further reducing energy bills
- Super quiet operation with fully insulated unit cabinet
- 4 zone control board as standard so you can heat only the rooms you need\*\*
- Option of an 8 zone system for total comfort and maximum efficiency\*\*
- Universal internal/external unit
- Compatible with Bonaire Dual Cycle refrigerated airconditioning
- Selected models available in ULPG

#### Warrantv









The Bonaire MB6 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 with a 10 year parts warranty on the burner. Ask your Bonaire dealer about the extended 7 year warranty

Modulating gas system ensuring optimum gas usage for maximum efficiency

Electronic ignition



<sup>\*</sup> Subject to zoning and duct requirements

<sup>\*\*4</sup> Zones standard with an option for 8. Zone motors supplied and installed by airconditioning retailer at additional cost.

#### 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<sup>®</sup> Wi-Fi<sup>®</sup> control.



- \* Subject to zoning and duct requirements
- 4 Zones standard with an option for 8. Zone motors supplied and installed by airconditioning retailer at additional cost.

#### Bonaire MB5 Features:

- 5 star energy efficiency rating
- Non condensing eliminating the need for a condensate drain
- 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
- Super quiet operation with fully insulated unit cabin
- 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 airconditioning
- Universal internal/external unit
- · Selected models available in ULPG
- 5 year parts and labour warranty with 10 year parts warranty on the burner.
- 7 year warranty option





#### 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® Wi-Fi® control.

MB4 is also compatible with Bonaire Dual Cycle refrigerated airconditioning.



- \* Subject to zoning and duct requirements
- \*\* 4 Zones standard with an option for 8. Zone motors supplied and installed by airconditioning retailer at additional cost.

#### 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 airconditioning
- 5 year parts and labour warranty with 10 year parts warranty on the burner.
- 7 year warranty option



#### The affordable 3 star value performer

The Bonaire MB3 heaters are a three star rated series designed as an efficient solid performing unit with numerous features and packaged at a very affordable price.

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 preset four independent heating periods per day. With the Navigator you can just set and forget.

# Internal unit has split cabinet to allow for easy installation No pilot light, efficient and reliable Direct Spark Ignition Compact and lightweight design Safety devices Safety devices Single speed room air fan Reversible return air connection assists installation No need for heat resistant platform under the unit Multi tube, High efficient heat exchanger to maximise heat transfer

#### Bonaire MB3 Features:

- Multi tube heat exchanger delivering a three star energy efficiency rating
- Induced draft combustion for improved performance and energy efficiency
- Electronic ignition eliminating the need for a pilot light
- Slimline Digital thermostat included with the unit
- Simple, easy stop start timer
- Efficient operation
- Engineered and constructed in Australia for Australian conditions
- Designed to fit in small compact roof spaces
- Easy installation
- Three year parts and labour warranty
- Upgrade option to the fully featured
   Navigator wall mounted control





Slimline digital thermostat. Standard controller for the MB3.

## **Controller Options**

Navigator Wireless RF Remote Control

If you are after the latest in controls and technology, the Navigator wireless remote control is for you. This control allows you to operate the

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

Navigator Wireless Remote Features:

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

## Navigator Wall Mounted Controller

The wall mounted

Navigator controller has
all of the features of the
wireless remote, but is



wall mounted. It will maintain comfort conditions and operation and allow setting changes from a fixed location.

Navigator Hard Wired Features

- Multiple zone and thermostat option, up to 4 controllers\*\*\*
- Large, clear and easy to read backlit LCD display
- Customised operational settings
- Full 7 day x 4 event programmable
- Integrated 4 zone control as standard\*
- Optional 8 integrated zones\*\*
- Compatible with Bonaire Dual Cycle and Evaporative coolers
- Diagnostics and error reporting
- \* 4 Zones standard, individual zone motors supplied and installed by air conditioning retailer at additional cost.
- \*\* 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 Wi-Fi The latest technology in appliance control

Bonaire's My Climate® Wi-Fi® control allows you to control your Bonaire ducted gas heater, ducted evaporative cooler or dual cycle aircondtioner from your Smart Device.

Compatiable with most iPhone and Android<sup>™</sup> devices, once you have purchased and installed the My Climate<sup>®</sup> Wi-Fi<sup>®</sup> kit and downloaded the app, My Climate<sup>®</sup> allows you to control your system utilising your existing home Wi-Fi<sup>®</sup> network or remotely though 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<sup>®</sup> Wi-Fi<sup>®</sup> will control all Bonaire 4, 5 and 6 star ducted gas heaters, ducted evaporative coolers and dual cycle refrigerated air conditioners.

#### My Climate Features

- Wi-Fi<sup>®</sup> control that is compatible with both iPhone and Android<sup>™</sup> 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 Wi-Fi® network or mobile network.
- Remote access function allows you to turn on your appliance from work or when you are out
- Directly syncs with the main thermostat control
- My Climate® Wi-Fi® control requires installation of a Navigator® hard wired or remote wireless thermostat





## **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.

Available with Bonaire 4, 5 and 6 star 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 your 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 reach your unit reach set temperature faster



- \* 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.



### Multiple thermostats give you complete control

Bonaire 4,5 and 6 star heaters can operate up to 4\* Navigator controllers.

This means you can have 4 different temperatures settings in four different zones, keeping all of your individual family members comfortable or just heat only the zones you need.

Alternatively you can have one controller to heat your home to a uniform temperature.

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

## **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:

- Available in 3, 4, 5 and 6 star energy efficiency ratings.
- Save on running costs with a more efficient heater.
- 4, 5 and 6 star units come standard with predicative logic modulation and auto adjusting room air fan.
- · Quick and simple changeover.
- Save on installation costs with gas connection and power connections usually in the same location as your old heater.
- If the air distribution base box does not need replacing, then the Bonaire Rhino will usually fit on the existing box.
- Upgrade your heater thermostat control at the same time to a new Slimline digital thermostat, wall mounted or remote Navigator control.
- Remote Navigator control will save you the hassle of having to run new cabling from your heater to your thermostat control.\*
- Compatible with My Climate® Wi-Fi® 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 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 Zones standard with 4,5 and 6 units 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

Your Bonaire 3, 4, 5 or 6

A Bonaire

In fact our ducted evapora

The Bonaire evaporative cooler is operated f

You can even control both your Bonaire

## 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

The ilec® systems have been perfectly matched to the Bonaire range of MB4, MB5 and MB6 heaters so that your heating and cooling system runs off the one controller and through the one common set of ductwork.



#### Bonaire Dual Cycle Matching Chart

Bonaire ilec® Dual Cycle Features:

- The entire systems operation, programming and zoning is controlled by one single Navigator control or through a My Climate<sup>®</sup> Wi-Fi<sup>®</sup> 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\*
- 5 year parts and labour warranty on ilec® dual cycle systems
- \* System zoning is an option offered by the air conditioning contractor and are subject to individual customer needs and system design. Talk to your air conditioning contractor about a zoned system that best suits your lifestyle.

Model	kW of cooling	Bonaire 4 Star Model	Bonaire 5 Star Model	Bonaire 5 Star NC Model	Bonaire 6 Star Model
ilec DC12	12	MB4-20XA, MB4-25	MB5-21XA	MB5NC-21	MB6-23
ilec DC14	13.6	MB4-20XA, MB4-25, MB4-30	MB5-21XA, MB5-30	MB5NC-21XA, MB5NC-30	MB6-23XA, MB6-31
ilec DC16.5/17	16.5/17	MB4-30XA	MB5-30XA	MB5NC-21XA, MB5NC-30	MB6-23XA, MB6-31
ilec DC20	20	-	-	MB5NC-30XA, MB5NC-35	MB6-31XA, MB6-35

#### Bonaire Evaporative Airconditioning

star unit can also be used in conjunction with a Bonaire Evaporative cooler.

evaporative cooling system is an economical way to cool your whole home.

tive cooling systems offer significant savings on running costs compared to a standard ducted reverse cycle system.

rom 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.

ducted gas heater and evaporative cooler with a My Climate<sup>®</sup> Wi-Fi<sup>®</sup> control.



Bonaire MB3 Series 3 Star Rated Gas Heaters	MB3-14	MB3-20	MB3-25	MB3-30	MB3-30XA
Gas Type	Natural	Natural	Natural	Natural	Natural
Capacity					Internal only
Heat output kW/Hr (nominal)	14	18.5	25	28	28
Airflow @100pa	480	540	830	830	1050
MegaJoules	60	80	100	120	120
Star Rating	3.0	3.0	3.1	3.2	3.1
Typical number of 150mm outlets	5 to 9	7 to 11	9 to 14	10 to 15	10 to 20
Dimensions					
Length	845	845	895	895	895
Width	350	350	475	475	475
Height	620	620	670	670	670
Duct Connections supply and return	300	300	350	350	350
Return Air Grille filtered	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	MB4-20XA	MB4-25	MB4-30	MB4-30XA
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
Dimensions						
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 Non Condensing Gas Heaters	MB5NC-15	MB5NC-21	MB5NC-21XA	MB5NC-30	MB5NC-30XA	MB5NC-35
Gas Type	Natural	Natural LPG to order	Natural	Natural LPG to order	Natural	Natural
Capacity						Internal Only
Heat output kW/Hr (nominal)	15	21	21	30	30	35
Airflow @100pa	570	660	920	920	1150	1150
MegaJoules	60	80	80	120	120	140
Star Rating	5.0	5.2	5.2	5.6	5.6	5.8
Typical number of 150mm outlets	5 to 9	7 to 11	7 to 14	8 to 15	8 to 20	8 to 20
Dimensions						
Length	845	845	894	894	995	894
Width	350	350	476	476	525	539
Height	618	618	658	658	658	658
Duct Connections supply and return	300	300	350	350	Supply 400 return 350	Supply 400 return 350
Return Air Grille filtered	900 x 500	900 x 500	900 x 500	1000 x 600	1000 x 600	1000 x 600

Bonaire MB6 Series 6 Star Rated Gas Heaters	MB6-18	MB6-23	MB6-23XA	MB6-31	MB6-31XA	MB6-35
Gas Type	Natural	Natural LPG to order	Natural	Natural LPG to order	Natural	Natural
Capacity						Internal Only
Heat output kW/Hr (nominal)	18	23	23	31	31	35
Airflow @100pa	520	660	920	920	1150	1150
MegaJoules	60	80	80	120	120	140
Star Rating	6.0	6.0	6.0	6.0	6.0	6.0
Typical number of 150mm outlets	5 to 9	7 to 11	7 to 14	8 to 15	8 to 20	8 to 20
Dimensions						
Length	1074	1074	1124	1124	1124	1124
Width	350	350	476	476	525	539
Height	618	618	658	658	658	658
Duct Connections supply and return	300	300	350	350	Supply 400 return 350	Supply 400 return 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 & MBR4 Series	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
Dimensions				
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	1	1	ı	ı

Bonaire Rhino MBR5 NC Series	MBR5NC-21	MBR5NC-30	
Gas Type	Natural	Natural	
Capacity			
Heat output kW/Hr (nominal)	21	30	
Airflow @100pa	660	920	
MegaJoules	80	120	
Star Rating	5.2	5.6	
Typical number of 150mm outlets	7 to 11	8 to 15	
Dimensions			
Length	908	1023	
Width	390	555	
Height	661	648	
Duct Connections supply and return	300	350	
Return Air Grille filtered	900 x 500	1000 x 600	

Bonaire Rhino MBR6 Series	MBR6-23	MBR6-31		
Gas Type	Natural	Natural		
Capacity				
Heat output kW/Hr (nominal)	21	30		
Airflow @100pa	770	1050		
MegaJoules	80	120		
Star Rating	6.0	6.0		
Typical number of 150mm outlets	7 to 11	8 to 15		
Dimensions				
Length	1138	1253		
Width	390	555		
Height	661	648		
Duct Connections supply and return	300	350		
Return Air Grille filtered	900 x 500	1000 x 600		

#### Dual Cycle Specifications

Model		DC12	DC14	DC16.5	DC 17	DC20
Houet						
	Indoor Unit	6860025	6860035	6860045	6860045	6860065
	Outdoor Unit	6860023	6860033	6860047	6860043	6860063
			Indoor	Unit		
Power Supply	V/Ph/Hz	240/1/50	240/1/50	240/1/50	415/3/50	415/3/50
Mode			Fixed Sp	peed		
Rated Capacity	kW	12.0	13.6	16.5	17.0	20.0
Rated Input	kW	3.84	4.35	5.2	5.44	6.4
AEER		3.13	3.13	3.17	3.13	3.13
Starting Current	Amps	30	30	45	26	30
Indoor Unit Dimensions H x W x D	mm	555 x 548 x 1070	555 x 548 x 1070	555 x 648 x 1156	555 x 648 x 1156	555 x 648 x 1256
Stater sizes Supply/Return	mm	450/450	450/450	500/500	500/500	500/500