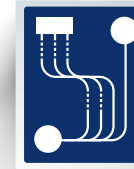


Indoor Head



Traditional refrigeration split systems require one indoor unit with one outdoor unit to operate. This poses issues when multiple split systems are required, as outdoor units take up precious space and start impacting on the outside appearance of your home.

Connection Options



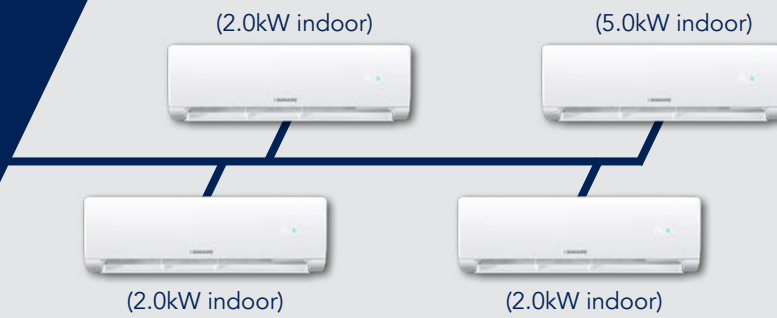
The Bonaire Multi split system allows for multiple indoor heads to be connected to the one outdoor unit. As household temperature requirements change throughout the day, individual indoor heads can be turned on/off where needed.

By utilising inverter technology the outdoor unit can share it's total capacity between all operational heads. This allows for the indoor heads connected capacity to exceed the outdoor unit capacity.

8.8 kW Outdoor



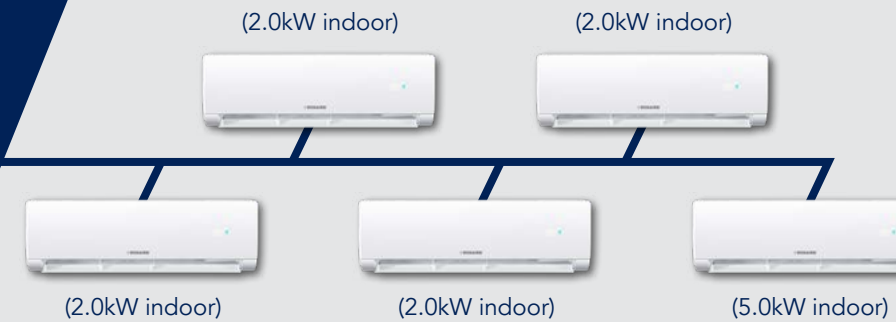
- Max connected indoor unit capacity 13kW
- Max connected indoor units 4



10 kW Outdoor



- Max connected indoor unit capacity 15kW
- Max connected indoor units 5



- Disclaimer.
1. Cooling capacity is based on temperature: Indoor 27C Dry Bulb / 19C Wet Bulb; Outdoor 35C Dry Bulb / 24C Wet Bulb
 2. Number of indoor units connected to outdoor unit must be 2 units or more
 3. The total rated capacity of connected indoor units must be <=13kW for 8.8kW units and <= 15kW for 10kW units.
 4. If the combination ratio is >130% the indoor units should be zoned (some indoor units not running) during heavy demand.
 5. Full performance with all indoors running under high demand requires proper matching at time of installation.



 **BONAIRE**[®]
The leaders in heating and cooling

Multi Inverter
Split System

 **BONAIRE**[®]
The leaders in heating and cooling

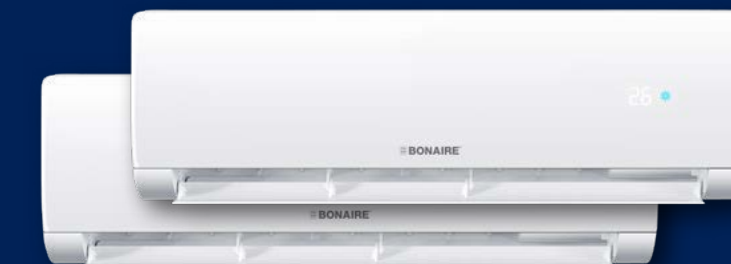
For further information please phone:
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bonaire.com.au

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Optima
Hi-Wall Range



Up to five indoor units off one outdoor unit



Why choose Bonaire

Bonaire Inverter Multi Systems

Bonaire inverter multi splits provide you with the convenience of one outdoor unit connected to up to five indoor heads. Ideal for air conditioning installations where roof space is limited, you can have different areas of your home air conditioned with each individually controlled. The multi split indoor unit has a sleek, subtle design that looks cool and classy on any wall. Bonaire inverter multi split systems are highly efficient and simple to program - with user-friendly options like 'time till on' and 'time till off' - runs quietly and offers comfortable, reliable performance year after year

The Leaders in Heating and Cooling®

For over 60 years Bonaire has been providing heating and cooling solutions for Australians and in many parts of the world. Our engineering team comprise some of the most experienced people in the air conditioning industry in Australia who are continually striving to refine and improve the products to ensure the optimum in quality and reliability

BONAIRE
The leaders in heating and cooling

Bonaire Optima Multi Split has been designed with appearance in mind without compromising quality. The indoor unit will seamlessly blend into any home with its smart modern design complimented by its compact size.



DC Inverter Compressor
DC Inverter compressor provides more comfortable indoor environment, higher performance in partial load and better heating performance in low ambient temperature than a fixed compressor.



Strong cooling and heating
Quality compressors and motors made by renowned manufacturers guarantees you get a cool experience in the quickest time.



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.



Quiet operation
Enables the unit to operate at lowest noise levels so you can quietly enjoy a cooled-down living space, despite the sizzling heat outside.



Turbo Mode
Provides fast and quicker cooling.



A-PAM Inverter
A-PAM inverter technology is the upgrade of 180° sine wave. It adopts additional momental control to decrease vibration and contributes to greater energy saving.



Self Diagnosis
Clearly displayed failure codes allow for quicker troubleshooting and easier maintenance.



24-Hour Timer
The convenience of a 24h/12h timing on/off function.



LED display
The LED display is designed to be user friendly.



Super Quiet
Lower noise operation condition.

Features and Benefits

Bonaire Optima Multi Split Technical Specifications

Model	Outdoor	CRC6920082	CRC6920095
Capacity	Cooling (kW) (min~max)	8.8 (1.5~9.8)	10 (1.5~11.0)
	Heating (kW) (min~max)	9.8 (1.8~10.5)	10.7 (1.8~11.5)
Power Input	Cooling(W)	2316	2700
	Heating(W)	2390	2675
Rated Current	Cooling(A)	10.1	12.1
	Heating(A)	10.4	11.6
Max Running Current	(A)	16.5	17.4
Performance	Annualised Energy Efficiency Ratio	3.8	3.6
	Annualised Coefficient of Performance	4	4
Outdoor Unit	Sound Pressure Level (dB(A))	56	58
	Sound Power Level (dB(A))	70	70
	Net Dimension (WxDxH)(mm)	948x340x840	948x340x840
	Net Weight (kg)	76	77
Electrical	Power V/Ph/Hz	1ph, 220-240V, 50Hz	1ph, 220-240V, 50Hz
	Breaker Size (A)	25	25
Refrigerant	R410 (kg)	3.2	3.4
Pipe Size	Liquid Pipe Size (mm)	4* 6.35	5* 6.35
	Gas Pipe Size (mm)	3* 9.52+1*12.7	4* 9.52+1*12.7
Installation	Max Lift Between I.U & I.U (m)	5	5
	Max Lift Between I.U & O.U (m)	15	15
	Total Pipe Lenth (m)	70	80
	Single Pipe Length (m)	25	25
	PreCharge (m)	40	40
Ambient temp range	Additional Charge (g/m)	20	20
	Cooling °C	-10~46	-10~46
	Heating °C	-15~24	-15~24

Model	Indoor	CRC6920120	CRC6920127	CRC6920135	CRC6920152	CRC6920170
Capacity	Cooling (kW) (min~max)	2	2.7(0.8~3.4)	3.5(1.0~4.2)	5.2(1.3~6.8)	7.0(2.2~8.5)
	Heating (kW) (min~max)	2.3	2.8(1.0~4.6)	3.7(1.1~5.4)	5.8(1.4~6.0)	7.5(2.4~9.8)
Performance	Airflow(l/s)	165	165	180	250	330
	Sound Power Level (dB(A))	52	52	54	57	62
	Sound Pressure Level (H/M/L) dB(A)	39/34/27	39/34/27	40/35/31	47/43/37	47/43/37
Installation	Net Dimensions W/D/H (mm)	855*200*280	855*200*280	855*200*280	997*235*322	1115*248*336
	Net Weight (Kg)	10	10	10	13	16
	Refrigerant Liquid Pipe (mm)	6.35	6.35	6.35	6.35	9.52
	Refrigerant Gas Pipe (mm)	9.52	9.52	9.52	12.7	15.88

5 year parts and labour warranty applies on domestic residential installations only. Warranty on commercial installations is 2 year parts and labour. Climate Technologies product warranty terms and conditions apply. Visit www.bonaire.com.au for details