



Ducted Reverse-Cycle High-Static Air Conditioner

Reach Every Corner of Your Home



WARRANTY



Strong Performance



High Efficiency



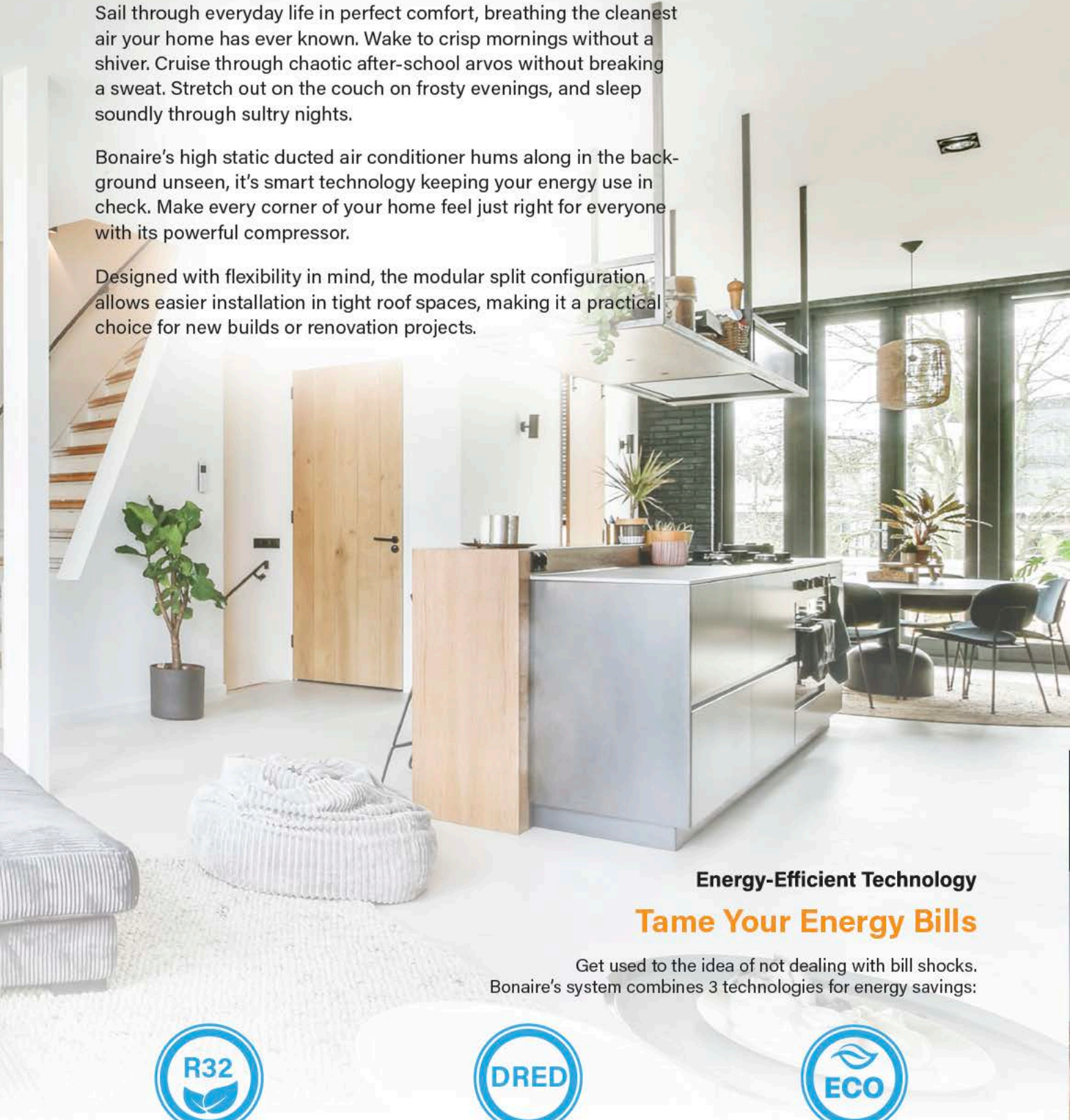
Smart Controls

Turn Your Home Into Your Oasis

Sail through everyday life in perfect comfort, breathing the cleanest air your home has ever known. Wake to crisp mornings without a shiver. Cruise through chaotic after-school arvos without breaking a sweat. Stretch out on the couch on frosty evenings, and sleep soundly through sultry nights.

Bonaire's high static ducted air conditioner hums along in the background unseen, it's smart technology keeping your energy use in check. Make every corner of your home feel just right for everyone with its powerful compressor.

Designed with flexibility in mind, the modular split configuration allows easier installation in tight roof spaces, making it a practical choice for new builds or renovation projects.



Energy-Efficient Technology

Tame Your Energy Bills

Get used to the idea of not dealing with bill shocks. Bonaire's system combines 3 technologies for energy savings:



R32 Refrigerant's superior heat transfer and lower density translate to lower electricity consumption



DRED (Demand Response Enabling Device) trims power consumption during peak demand periods



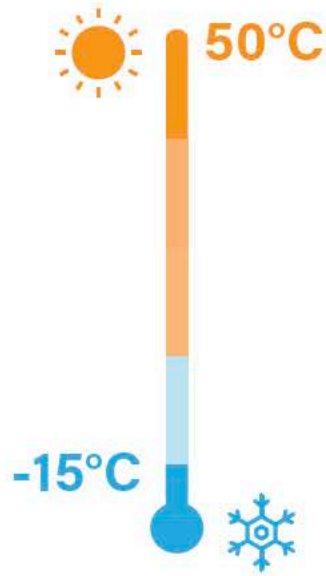
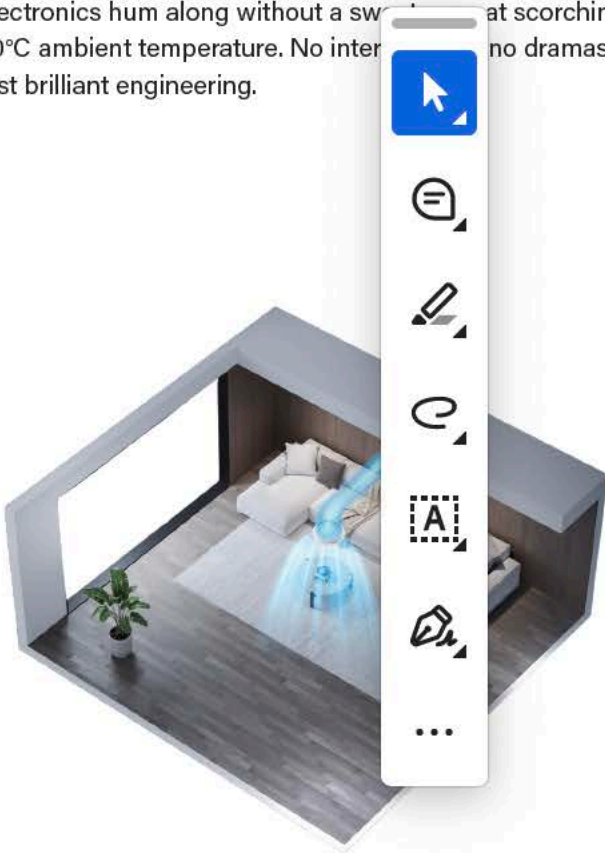
ECO-Mode optimises energy usage by maintaining a moderate 26°C

-15°C to 50°C Ambient Temperature

Built for Extreme Conditions

Cold snaps and heatwaves don't bother your Bonaire's outdoor unit. Smart sensors automatically defrost in -15 °C freezing conditions for continuous warm air flow.

When all you see is a mirage in summer, the air cooled electronics hum along without a sweat at scorching 50°C ambient temperature. No intercom dramas, just brilliant engineering.



200 Pa High-Static Pressure

Even Airflow to Every Corner

As the family unwinds after dinner, everyone picks their favourite spot, mum's on the couch in the front, kids in their rooms furthest towards the back and dad springs up the recliner in the rumpus upstairs. Yet everyone feels even airflow from the powerful 200 Pa high static pressure sirocco fan turbine design.

30s Cooling

In 30 seconds the high-efficiency DC inverter compressor cools the room without spiking the energy load.



60s Heating

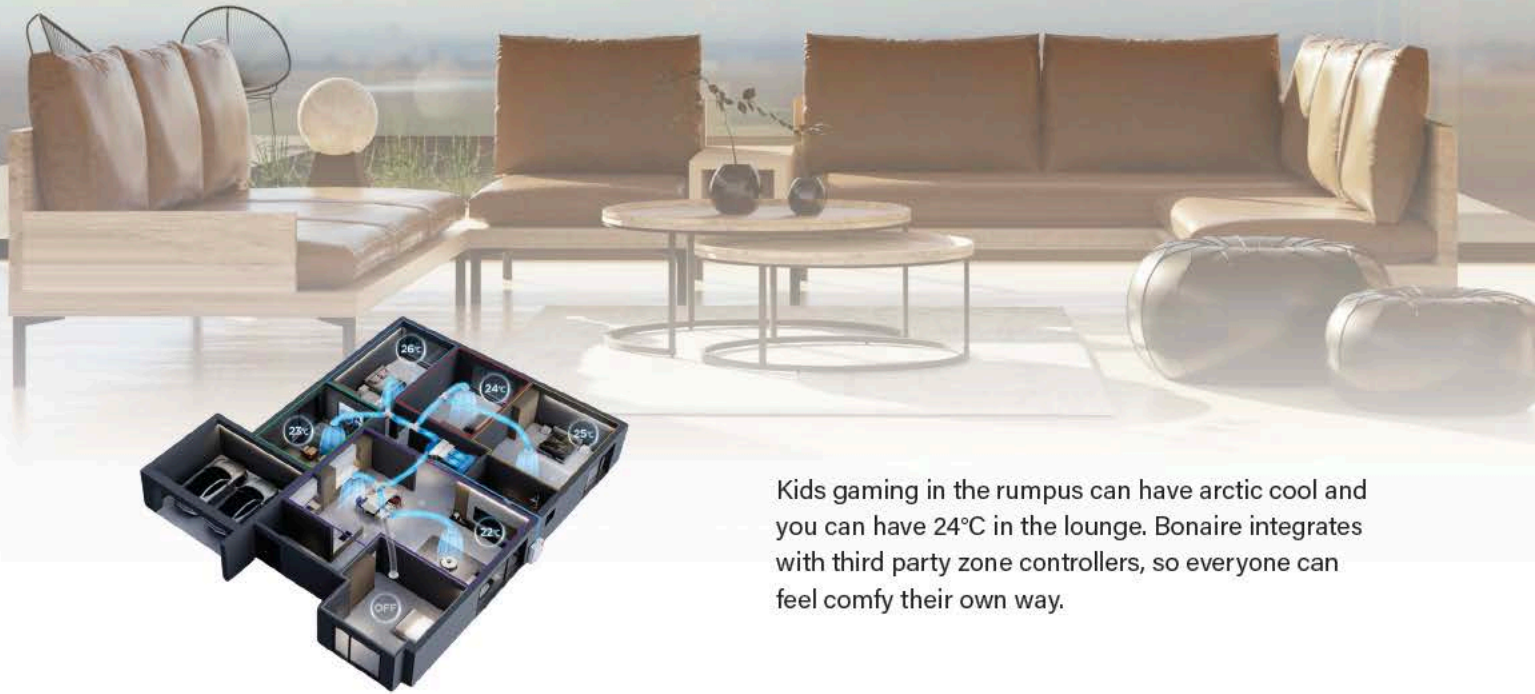
Heating mode chases away shivers in just 60 seconds. That's faster than fetching snacks.



Compatible with Third Party Zoning Systems

Personalised for the Whole Family

Fine-tune the ambient temperature in each room with third party wired controllers. Individual zones to be switched on and off for different rooms and lets you adjust temperature settings within $\pm 2^{\circ}\text{C}$ for each zone.



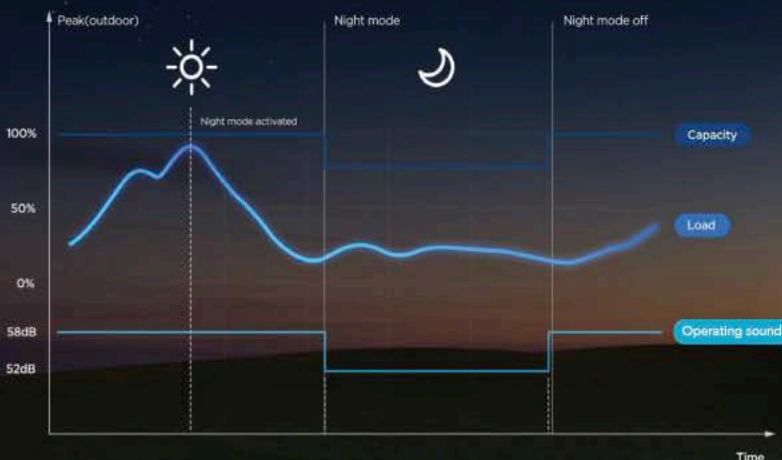
Kids gaming in the rumpus can have arctic cool and you can have 24°C in the lounge. Bonaire integrates with third party zone controllers, so everyone can feel comfy their own way.

Low Operating Sound

Get a Deep Uninterrupted Sleep

With Bonaire's high efficiency DC fan motor and optimised air duct design, you'll sleep undisturbed with a low 54dBA operating hum.

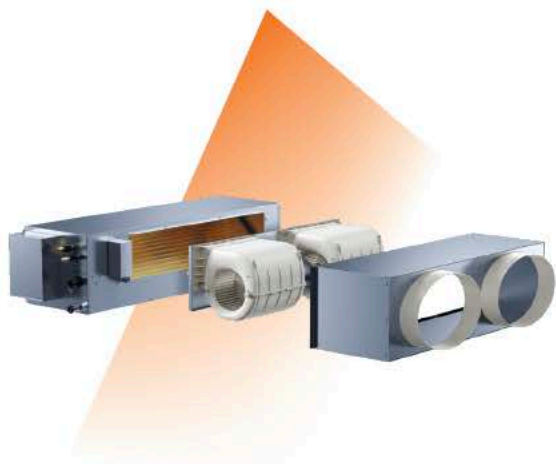
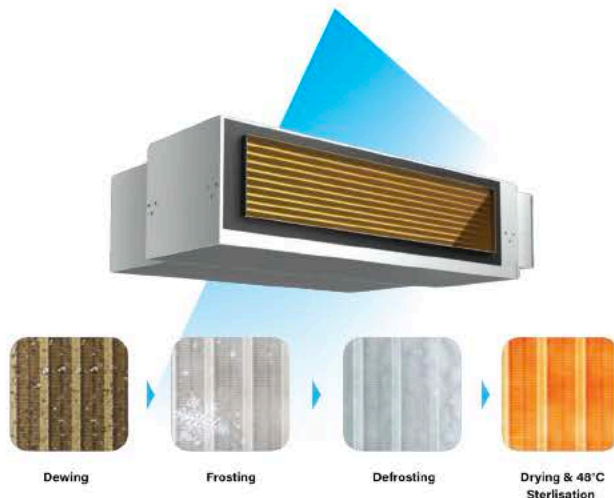
Night-Quiet Mode shaves off 6 dB from the outdoor unit. No midnight whoosh from the vents, no compressor growl outside, just a gentle, steady flow of air that keeps rooms at the perfect temperature.



Self-Cleaning Indoor & Outdoor Units

Breathe Easy With Cleaner, Healthier Air

With Bonaire's innovative Reverse Clean, Technology dust and debris are removed from the outdoor unit, keeping airflow strong and clog-free. Indoors, the evaporator runs a full five-stage clean—dewing, frosting, defrosting, drying, then cranking up to 56°C to sterilise bacteria you can't see.



Easy Installation & Maintenance

Compact design

3-piece split design makes installation more convenient, Heat exchanger, motor and fan cover can be detached and reassembled in ceiling. It's easier to fit into the tight roof space and also convenient for renovation.



OTA updates for the latest software for your system



Long 75 metre pipe length reaches even the furthest corners of your home

Optional WiFi Controller

Remote Control in Every Pocket

Extend your remote control's reach with the optional WiFi control system. After Saturday sports pickup, tap a button on the WiFi remote app to turn your system on, before you even return home for that instant homey feeling. Out in a rush? Just tap the power button on the app. And when you finally relax after dinner, you'll never have to wonder, "where's the remote?"



Technical Specifications

Model		CTG100S1AS	CTG125S1AS	CTG140S1AS	CTG160S1AS
Indoor Unit Product Code		CTG100S1AI	CTG125S1AI	CTG140S1AI	CTG160S1AI
Outdoor Unit Product Code		CTG100S1AE	CTG125S1AE	CTG140S1AE	CTG160S1AE
Capacity	Cooling (kW) (min~max)	10.5 (4.0~13.5)	12.5 (4.0~13.5)	14 (4.1~17.8)	16 (4.1~17.8)
	Heating (kW) (min~max)	12.5 (4.3~15.8)	15 (4.3~15.8)	16.5 (6.0~19.2)	19 (6.0~19.2)
Power Input	Cooling (W)	2.48	3.77	3.85	4.86
	Heating (W)	2.9	3.75	4.2	4.94
	Max Current (A)	25.5	27	30	31.5
Annualised Energy Efficiency Ratio		4.19	3.27	3.61	3.28
Annualised Coefficient of Performance		4.27	3.97	3.90	3.82
TCSPF (Residential)	Hot / Avg. / Cold	5.55 / 5.08 / 5.19	4.71 / 4.38 / 4.56	5.23 / 4.85 / 5.05	4.77 / 4.47 / 4.87
HSPF (Residential)	Hot / Avg. / Cold	4.85 / 4.44 / 3.91	4.83 / 4.11 / 3.52	4.45 / 4.08 / 3.68	4.51 / 4.042 / 3.51
Indoor Unit	Power V/Ph/Hz	1 phase, 220-240 V, 50 Hz			
	Airflow (L/s)	785 / 650 / 460	785 / 650 / 460	1120 / 950 / 780	1120 / 950 / 780
	Sound Pressure Level dB(A)	47	47	48	48
	External Static Pressure (Pa)	37 (0~200)	50 (0~200)	50 (0~200)	50 (0~200)
	Dimensions WxDxH (mm)	1510x945x380	1510x945x380	1510x945x380	1510x945x380
	Supply Air Flange WxH (mm)	1152x245	1152x245	1152x245	1152x245
	Return Air Opening (mm)	2x400 (Oval)	2x400 (Oval)	2x400 (Oval)	2x400 (Oval)
	Net/Gross Weight (kg)	66 / 77	66 / 77	66 / 77	66 / 77
Outdoor Unit	Power V/Ph/Hz	1 phase, 220-240 V, 50 Hz			
	Dimensions WxDxH (mm)	1010x858x436	1010x858x436	1330 x 950 x 340	1330 x 950 x 340
	Sound Pressure Level H/C dB(A)	57/58	57/58	58/59	58/59
	Night quiet mode dB(A)	54	54	55	55
	Sound Power Level dB(A)	70	70	74	74
	Net/Gross Weight (kg)	73/85	73/85	101/107	101/107
Piping Connection	Liquid Pipe Size (mm)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Gas Pipe Size (mm)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
	Max Distance LxH (m)	50/30	50/30	75/30	75/30
	PreCharge (m)	20	20	20	20
	* Charge Adjustment (Add or Remove) (g/m)	30	30	30	30
	Refrigerant	R32	R32	R32	R32
Ambient Temp Range	Cooling °C	16-50	16-50	16-50	16-50
	Heating °C	-15~24	-15~24	-15~24	-15~24

* add or remove ratio of refrigerant from pre-charge length

Since 1954, Bonaire has served 3 generations of Australians by pursuing one mission:

All-season comfort for every home

Over the last 70 years, we've designed a complete range of innovative heating and cooling solutions, for a wide range of usage conditions. Built specifically for Australia's unique conditions, our products are well known for high energy efficiency, intelligent user-centric design and exceptional quality.

Bonaire is a registered trademark of Climate Technologies Pty Ltd (ABN 13 001 418 042)

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In the interest of continued product improvement, Bonaire reserves the right to alter specifications without notice. E. & O.E. Colours represented are as accurate as the printing process will allow.

Images used, are for illustration purposes only. May 2025

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