Harness the *power* of Braemar

By SEELEY INTERNATIONAL™

100% AUSTRALIAN OWNED!

Add-On Cooling For cosy ducted gas heating



COMPLETE HEAT & COOLING
Plumbing, Gasfitting and Heat Pumps

Complete Heat & Cooling Ltd
0800 009 007 | info@completeheat.co.nz
www.completeheat.co.nz

SEELEY INTERNATIONAL

"Seeley International never stops striving to innovate and build the world's most energy efficient heaters and air conditioners.

It is this commitment to excellence that's at the heart of everything we do."

Frank Seeley AM, DUniv *Flin*, FAICD
Founder and Executive Chairman



The Braemar Difference

Quality

80 years history of Braemar excellence and reliability!

Leading technology and innovation come as standard.

Australian owned

Seeley International, Australia's leading cooling and heating manufacturer.

Cost effective

MEPS (Minimum Energy Performance Standards) compliant.

DRED (Demand Response Enabling Device) capability (on Invertair™ models).

Warranty

Quality that lasts – 5 year comprehensive manufacturer's warranty.

A network of highly professional dealers and service agents throughout Australia.

Range

Braemar offers a comprehensive range to suit all requirements.

Environment

The add-on cooling range uses eco-friendly R410A refrigerant.

Award Winning Company

Seeley International consistently wins awards each year for new product design, innovation and environmental friendliness.

Recent awards include:

GOOD DESIGN Award

THE AUSTRALIAN BUSINESS AWARDS ABA 100 NEW PRODUCT INNOVATION WINNER 2016

melbourne design awards

FBA Family Business Australia Distinguished Family Business of the Year 2019

HALF A CENTURY OF Exporting Excellence 2018 BUSINESS SA EXPORT AWARDS WINNER

sydney design awards

THE AUSTRALIAN BUSINESS AWARDS ABA 100 NEW PRODUCT INNOVATION WINNER 2017

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The Ultimate Choice



Add-on Cooling

The ideal solution for whole of home comfort, complementing a new or existing Braemar ducted gas heating system[1].

Add-on cooling systems utilise existing Braemar ducted gas heating ductwork and grilles to provide refrigerated cooling.

1.Only Braemar extra air model heaters are designed to be paired with Braemar add-on cooling systems. For the Add-on cooling range, only the Invertair indoor units are manufactured in Australia (from local and imported components).

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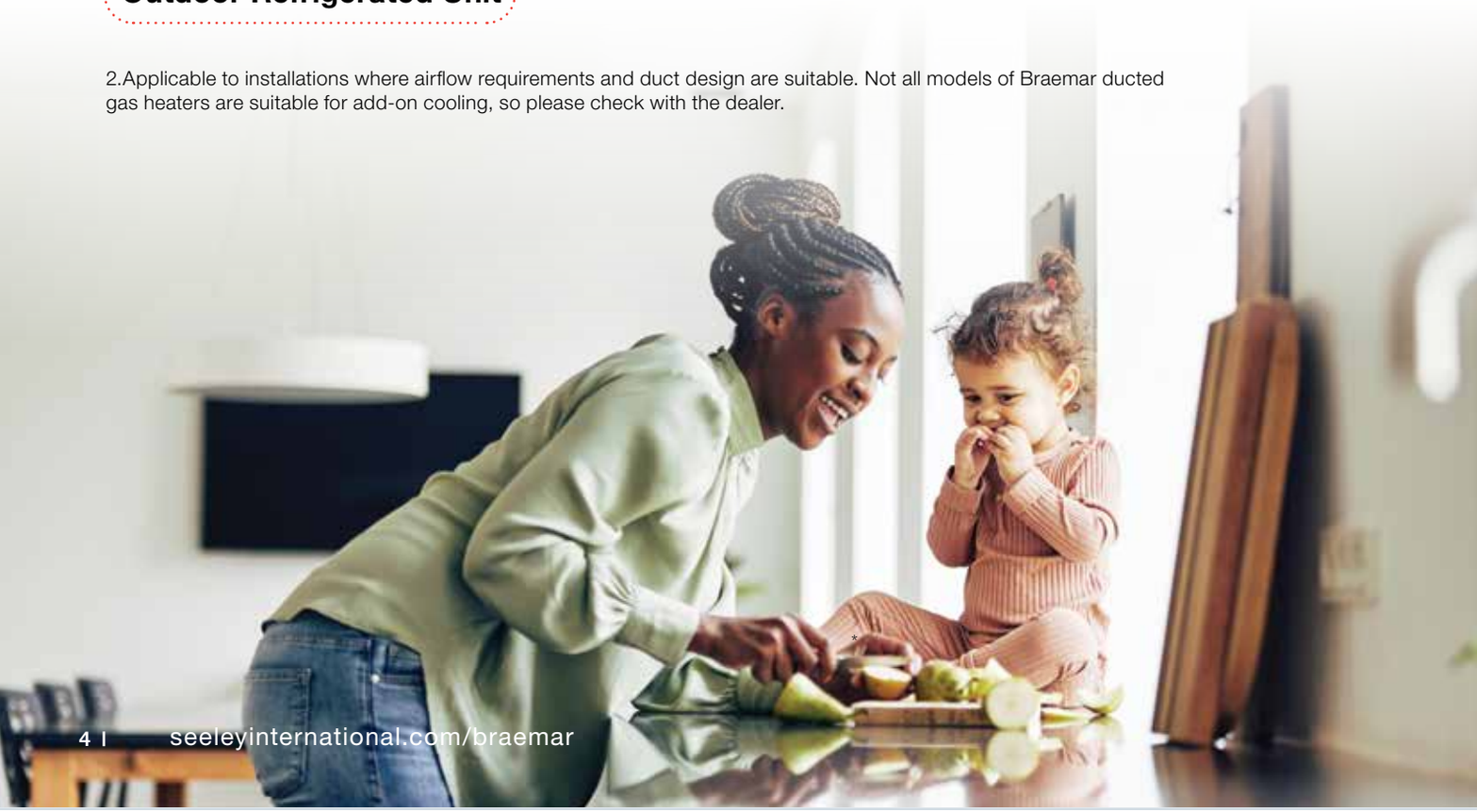
Add-on cooling for gas heating

The ideal solution for whole of home comfort, complementing a new or existing Braemar ducted gas heating system

Add-on cooling systems are specifically designed to complement a new or existing[2] Braemar ducted gas heating system. Compact and economical to run, it can be installed at the same time as a heating system, or added later.



2.Applicable to installations where airflow requirements and duct design are suitable. Not all models of Braemar ducted gas heaters are suitable for add-on cooling, so please check with the dealer.



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Standard features

The DC inverter technology difference

All Braemar Invertair™ add-on cooling systems feature DC inverter technology.

An inverter is a power conversion circuit that electronically regulates the voltage, current and frequency of an air conditioner. This circuit controls the compressor and the outdoor fan, maximising the air conditioner's efficiency.
Compared to conventional models, inverter air conditioners provide:

- Quicker and finer temperature control and comfort.
- Significantly lower running costs.
- Elimination of temperature fluctuations.
- Wider operating temperatures. (-15°~48°)
- Greatly reduced system noise inside and outside the home.

DC inverter technology vs. conventional

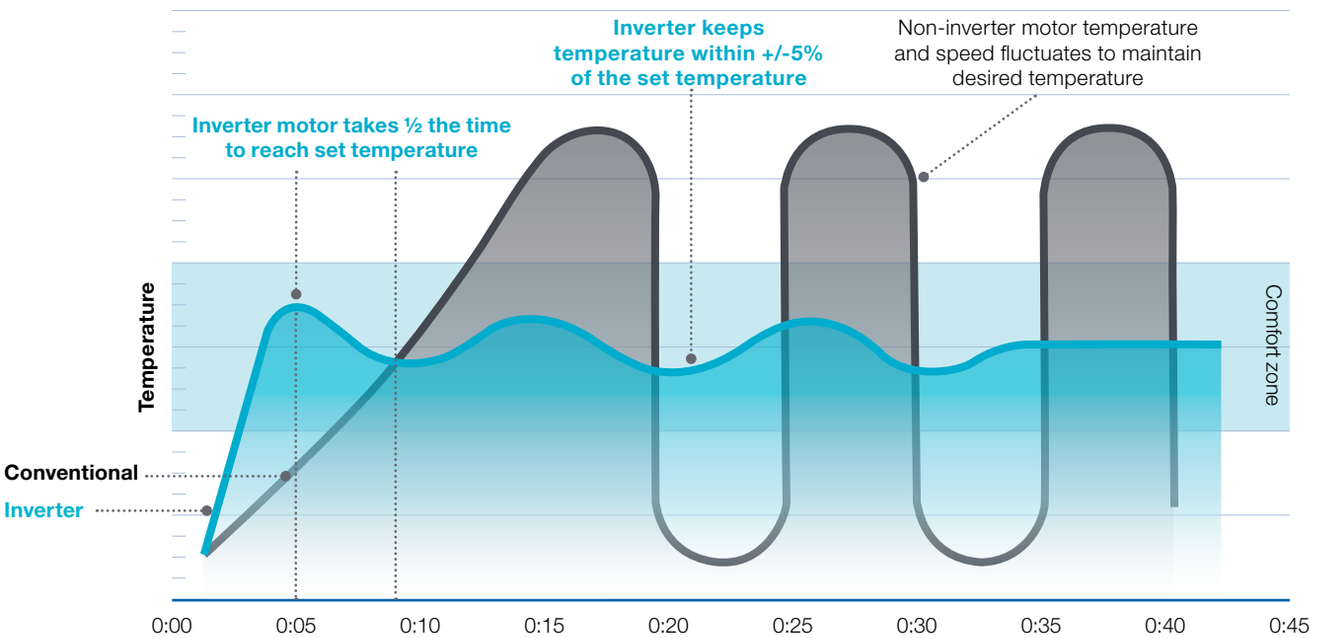

Table for illustration purposes only.

DRED as standard

With the introduction of smart power meters (PeakSmart in QLD), the electrical supply authority can limit the amount of power to the property at certain times during extreme weather conditions, when the power supply is at peak demand, using DRED (Demand Response Enabling Device).

In some states, the power supply authorities offer financial incentives to consumers who install DRED enabled air conditioning systems. All of Braemar's latest inverter products now come with **DRED capability as standard.**

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Invertair™

Australia's first and only true inverter add-on cooling system

Indoor unit

The inverter technology in **Invertair™ add-on cooling** ensures uninterrupted comfort and a significant saving in running costs.



POWER SAVING

High energy efficiency results in significant savings in running costs.

LOW PROFILE DESIGN

Visually appealing with a discreet and low profile design that can be concealed above ceilings or below the floor to deliver conditioned air via ducting and suitable ceiling or floor grilles.

EFFICIENT AND QUIET

Inverter technology, 1W standby mode and automatic fan adjustment as the evening temperature drops, all ensure maximum efficiency and quietest operation.

EASY AND FLEXIBLE INSTALLATION

Compact and suitable for installation in almost all roof cavities. Room positioning and grille options allow for flexible installation choices.

Note: The Invertair™ series can only be installed with the TQ heater and MagIQtouch® controller. Available in 4 sizes.

Outdoor unit



FLEXIBLE OUTDOOR PLACEMENT

Long pipe runs of up to 50m allows flexibility in placing an outdoor unit.

SLIM DESIGN

Allows more flexibility in placing an outdoor unit. Easily fits into tighter spaces.

QUICK AND EASY INSTALLATION

Single drain connection point allows for quick and easy installation.

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Coolmaster™

Fixed speed add-on cooling system

Indoor unit

EASY SINGLE POINT CONNECTION

Quick and easy single point duct connection of indoor unit.



BUILT IN SAFE TRAY

Provides peace of mind, knowing that your Braemar add-on cooling unit has a built in safety drain tray, thus eliminating the risk of water damage.

EASY AND FLEXIBLE INSTALLATION

Compact design allows for installation in ceiling or under floor.

10kW TO 23kW CAPACITY UNITS

The range is suitable for all types of applications, from small apartments to large homes and open spaces.

Outdoor unit

FLEXIBLE OUTDOOR PLACEMENT

Long pipe runs of up to 50m allows flexibility in placing an outdoor unit.

EFFICIENT AND QUIET WITH 3 SPEED FAN

Automatic fan speed adjustment as the evening temperature drops makes for best efficiency and quietest operation.



LONG LIFE UNIT PROTECTION

Cabinet is made of high quality galvanised steel and powder-coated with high quality epoxy paint for long life and extra strength. Pre-coated aluminium fins provide resistance against corrosion.

VERTICAL DISCHARGE

Top airflow outdoor unit allows for flexible installation.

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Controller Options

MAGIQTOUCH® Controller

Smart, sophisticated and incredibly intuitive, your MagIQtouch® Controller makes operating your Braemar so simple. The discreet and modern design will blend seamlessly into the decor of your home.

MAGIQTOUCH® Special Features

Touchscreen
All functions & operations are only a touch away with the easily navigated interface.

Smart Settings
Access features such as child lock, quiet mode[3] and servicing information.

Program Mode
Programmable 7 day, 4 time period program, customisable to suit your lifestyle (including a temporary over-ride function).

Zone your home
Switch between zones in your home and control the heating settings in each zone. Save on running costs by switching zones off[4].

Switch on heating or cooling from one controller
Quickly switch between cooling and heating.
The display turns blue when cooling and red when heating.

Wi-Fi Smart App[5]

Control your heating comfort needs directly from your mobile device! For example, turn on your heater wherever you are, ensuring you come home to a warm home on those cold winter days. The smart app is free and available for download on your smartphone.

Smart Home Integration[5]

Control temperature and fan speeds with your voice through Amazon Alexa[6] and your Google Assistant[7] technologies.
Voice commands are easy and simple to use, like “Alexa, turn on my heater” or “Hey Google, set the heater to 21 degrees”.

3.TQ3 and TQD3 models: night quiet mode and zoning is not available, and fan speed is not user-adjustable.
4.Zoning is an optional extra.
5.Requires MagIQtouch® wall control, MagIQtouch® Wi-Fi smart kit and MagIQtouch® account to operate. Additional costs may apply.

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MAGIQTOUCH®



Controller Upgrade Options

Radio Frequency Touchscreen: The battery operated Wireless Controller using Radio Frequency technology is an upgrade option ideal for renovations, or where access for cabling is limited. Easier to install, the RF option also provides up to two master controllers. This means you can control the entire system from two locations, rather than one; an ideal solution for larger, or two storey homes.

Wifi Enabled Touch screen: Wired in, upgrade to a WI-FI module to work with your MagIQtouch Controller[8], enabling you to control your heating directly from your personal device through our Smart app. The Smart app is available on Android and iOS devices. This option can also be integrated into voice activated smart home controls like Google Home and Amazon Alexa. This is a fantastic option for those seeking complete control of their comfort at home, at all times.

works with the Google Assistant



Google Home

GET IT ON Google Play

JUST ASK amazon alexa



amazon echo

Download on the App Store

Available for download now on iOS and Android



6.Requires Wi-Fi, Amazon Account and a compatible device. Additional costs may apply.
7.Requires Wi-Fi, Google Account and a compatible device. Google and Google Home are trademarks of Google LLC. Additional costs may apply.
8.MagIQtouch WI-FI Module is not compatible with MagIQtouch® Wireless Controller. Existing installations including a MagIQtouch controller may need to be upgraded if purchasing the WI-FI module. Additional costs may apply.

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Invertair™ series

Specifications

Model			Outdoor	SCHV**10D1S**	SCHV**12D1S**	SCHV**14D1S**	SCHV**16D1S**
			Indoor	SACV**10D1S**	SACV**12D1S**	SACV**14D1S**	SACV**16D1S**
Cooling Capacity			kW	10.00	13.00	14.50	15.50
Cooling Capacity Range			kW	3.20 ~ 11.00	4.00 ~ 13.50	6.00 ~ 14.50	6.40 ~ 18.00
AEER			W/W	3.44	3.71	3.71	3.36
Electrical Data	Power Supply		V / Hz / Ph	220-240 / 50 / 1	220-240 / 50 / 1	220-240 / 50 / 1	220-240 / 50 / 1
	Power Input (Nominal)	Cooling	kW	2.90	3.50	3.90	4.60
	Max Current Outdoor		A	19	21	28	31
	Circuit Breaker		A	25	25	40	40
Indoor Unit	Rated Airflow		l/s	550	610	700	1050
	Min~Max Airflow		l/s	330 ~ 650	415 ~ 800	470 ~ 800	610 ~ 1070
	Dimension	Outline Dimension (W×D×H)	mm	1280x450x366	1280x450x366	1280x450x366	1442x435x412
	Weight	Net Weight	kg	25	25	25	28
Outdoor Unit	Sound Pressure		dB(A)	60	60	61	62
	Dimension	Outline Dimension (W×D×H)	mm	1107×440×1100	1107×440×1100	1085x427x1365	1085x427x1365
	Weight	Net Weight	kg	91	101	117	121
Applicable Braemar DGH (MagIQTouch Range, X extra air)			Model	X20, X23	X20, X23	X23, X25	X30, X32
Set Temp. Range		Cooling	°C	18 ~ 30	18 ~ 30	18 ~ 30	18 ~ 30
Operation Temp			°C	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
Pipe	Outer Diameter	Liquid Pipe	mm (Inch)	9.53 (3/8)	9.53 (3/8)	9.53 (3/8)	9.53 (3/8)
		Gas Pipe	mm (Inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	19.05 (3/4)
	Max Distance	Height	m	15	30	30	30
		Length	m	50	50	50	50
Refrigerant	Pre-Charge Length		m	7.0	7.0	9.5	9.5
	Refrigerant Additional Charge		g/m	60	60	60	60

Note: The above design and specifications are subject to change without notice for product improvement.

Only 4, 5 and 6 star extra air heaters are suitable for add-on cooling. The above Invertair™ models are only available with MagIQtouch® Controller and must be purchased as a package with Braemar ducted gas heating. For the add-on cooling range, only the Invertair indoor units are manufactured in Australia (from local and imported components).



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Coolmaster™ Fixed speed series

Specifications

Model			Outdoor	TCCF**18C1S**	TCCF**18C3S**	TCCF**21C1S**	TCCF**23C1S**
			Indoor	AOCF**18C-S**	AOCF**18C-S**	AOCF**21C-S**	AOCF**23C-S**
Cooling Capacity			kW	17.80	17.80	21.10	23.30
AEER			W/W	3.52	3.55	3.58	3.46
Electrical Data	Power Supply		V / Hz / Ph	220-240 / 50 / 1	380-415 / 50 / 3		
	Power Input (Nominal)	Cooling	kW	5.05	4.99	5.89	6.73
	D-Curve Circuit Breaker		A	40	16	20	20
Indoor Unit	Rated Airflow		L/hr	935	935	1050	1200
	Airflow (Min ~ Max)		L/hr	700 ~ 1000	700 ~ 1000	760 ~ 1200	760 ~ 1200
	Dimension	Outline Dimension (W×D×H)	mm	850x815x560	850x815x560	850x945x590	850x945x590
	Weight	Net Weight	kg	47	47	55	55
Outdoor Unit	Sound Pressure (Min ~ Max)		dB(A)	55 ~ 61	55 ~ 61	51 ~ 67	51 ~ 67
	Dimension	Outline Dimension (W×D×H)	mm	1200x590x1320	1200 x 590 x 1320	1400 x 685 x 1280	1400 x 685 x 1280
	Weight	Net Weight	kg	153	153	159	162
Applicable Braemar DGH (X extra air)			Model	X30, X32	X30, X32	X30, X32	TQA5X30
Recommended Set Temp. Range			°C	20 ~ 28	20 ~ 28	20 ~ 28	20 ~ 28
Ambient Temperature Range			°C	20 ~ 43	20 ~ 43	20 ~ 43	20 ~ 43
Pipe	Outer Diameter	Liquid Pipe	mm (Inch)	12.70 (1/2)	12.70 (1/2)	12.70 (1/2)	12.70 (1/2)
		Gas Pipe	mm (Inch)	19.05 (3/4)	19.05 (3/4)	22.20 (7/8)	22.20 (7/8)
	Max Distance	Height	m	30	30	50	50
		Length	m	15	15	15	15
Refrigerant	Pre-Charge Length		m	12	12	12	12
	Refrigerant Additional Charge		g/m	100	100	100	100

Note: The above designs and specifications are subject to change without notice for product improvement.



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The Climate Wizard By SEELEY INTERNATIONAL | Coolerado By SEELEY INTERNATIONAL | AIRA By SEELEY INTERNATIONAL | INTEGRATED COMFORT INC. By SEELEY INTERNATIONAL

BREEZAIR
Ducted Evaporative Air Conditioning

BRAEMAR
Ducted Evaporative Air Conditioning | Ducted Gas Heating | Add-on Cooling
Reverse Cycle Air Conditioning | Gas Wall Furnaces and Space Heaters

THE CLIMATE WIZARD
Micro-Core® Technology

SUPERCOOL
Ducted Evaporative Air Conditioning

COOLAIR
Ducted Evaporative Air Conditioning

COOLERADO
Indirect Evaporative Air Conditioning

AIRA
Direct and Indirect Evaporative Air Conditioning | Ducted Gas Heating
Commercial Gas Space Heating | Energy Recovery Systems

INTEGRATED COMFORT INCORPORATED (ICI)
Dual Cool® Patented Dual Evaporative pre-cooling products

seeleyinternational.com/braemar

1300 360 815

2022

variety the children's charity

With the generous support of our Australasian dealers we are proud to be the National Variety Bash partner supporting kids in need across Australia.

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Information in this brochure was correct at the time of preparation. E & OE

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