

Harness the
power of
Braemar
By SEELEY INTERNATIONAL 



Builders range of
heating and cooling products



“Seeley International never stops striving and innovating to 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



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Award Winning Company

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

Recent awards include:



Ducted gas heating

The ultimate in safety, reliability and energy efficiency



Quality

Uncompromised product quality and reliability!
80 year history of Braemar excellence.



Australian made and owned

Completely designed and manufactured in Albury, NSW.

Australian owned family company.



Cost effective

Cheaper to run when compared to reverse cycle heating.

Flexible zoning options – save even more on running costs⁵.



Warranty

5 year comprehensive warranty¹.

10 year heat exchanger and burner warranty.



Energy efficient

Exceeds the Australian standard with the world's first and only, 7 star equivalent² ducted gas heating range.

Highest star ratings in every category³.



Environment

Low CO² emissions.



1. In commercial applications (where the product is used for keeping people warm), the warranty period is 2 years, but it is only 1 year for all other non-domestic heating applications. The warranty has terms and conditions, including the requirement for regular servicing of the product in accordance with the owner's manual.

2. Star rating equivalent. Based on Australian Gas Association's results calculated in accordance with the testing methodology in AS/NZS 5263.1.6:2020.

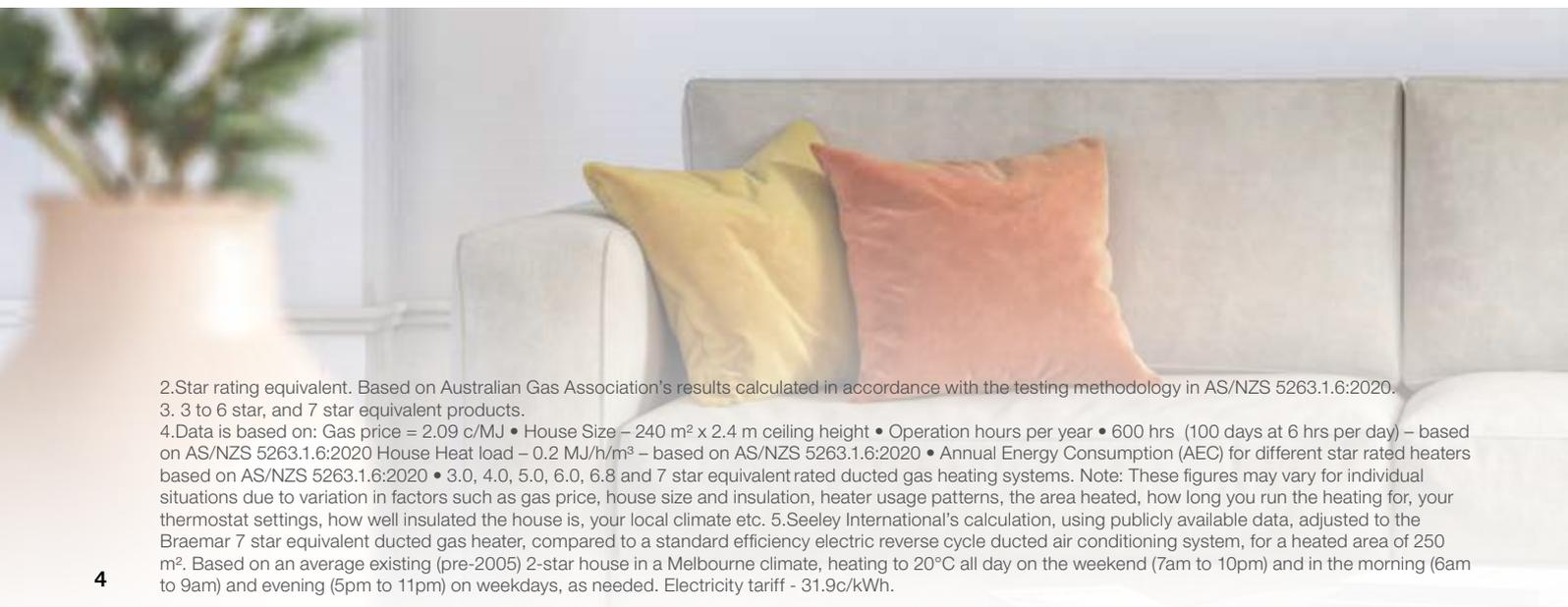
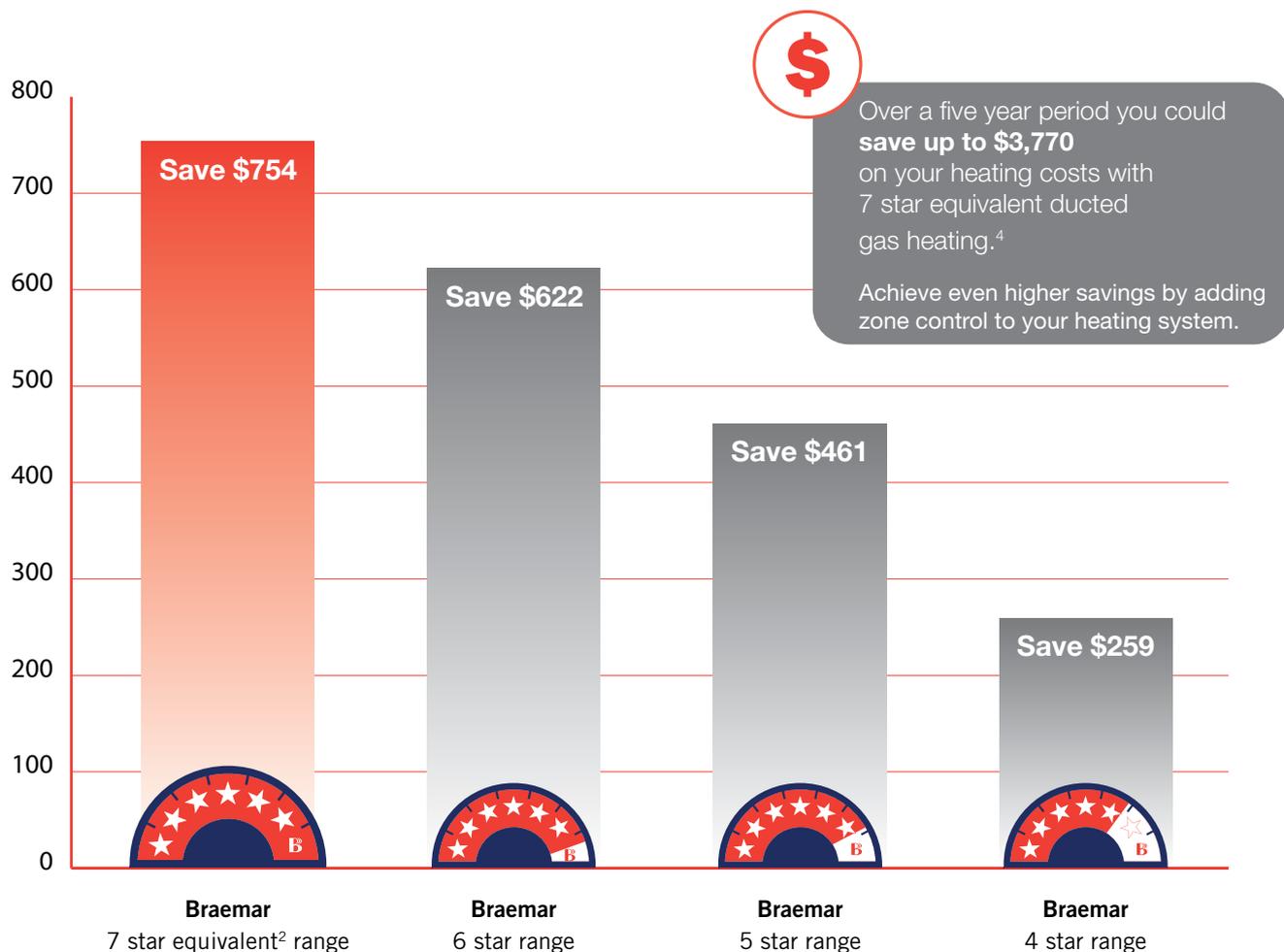
3. 3 to 6 star, and 7 star equivalent products.

New build or new heating system?

Braemar has the highest efficiency star ratings in Australia for ducted gas heating³

Upgrade and see your savings grow every year

Compared to a 3 star ducted gas heater⁴



2. Star rating equivalent. Based on Australian Gas Association's results calculated in accordance with the testing methodology in AS/NZS 5263.1.6:2020.

3. 3 to 6 star, and 7 star equivalent products.

4. Data is based on: Gas price = 2.09 c/MJ • House Size – 240 m² x 2.4 m ceiling height • Operation hours per year • 600 hrs (100 days at 6 hrs per day) – based on AS/NZS 5263.1.6:2020 House Heat load – 0.2 MJ/h/m² – based on AS/NZS 5263.1.6:2020 • Annual Energy Consumption (AEC) for different star rated heaters based on AS/NZS 5263.1.6:2020 • 3.0, 4.0, 5.0, 6.0, 6.8 and 7 star equivalent rated ducted gas heating systems. Note: These figures may vary for individual situations due to variation in factors such as gas price, house size and insulation, heater usage patterns, the area heated, how long you run the heating for, your thermostat settings, how well insulated the house is, your local climate etc. 5. Seeley International's calculation, using publicly available data, adjusted to the Braemar 7 star equivalent ducted gas heater, compared to a standard efficiency electric reverse cycle ducted air conditioning system, for a heated area of 250 m². Based on an average existing (pre-2005) 2-star house in a Melbourne climate, heating to 20°C all day on the weekend (7am to 10pm) and in the morning (6am to 9am) and evening (5pm to 11pm) on weekdays, as needed. Electricity tariff - 31.9c/kWh.

Braemar Builders Range

3.7 star range

- 4 models, ranging from 14 kW to 28 kW.
- Galvanized units, suitable for internal installation only.
- Manual controller (upgradable to the MaglQtouch® controller or MaglQtouch® Radio Frequency controller for an extra cost).
- Value for money.
- Easy to operate.
- Proven reliability.
- Corrosion-resistant heat exchanger.



Model	Rating	Output	Gas Rate	Dimensions		
				Length	Width	Height
	Stars	kW	MJ/hr	mm	mm	mm
BMQ315	3.7	14.0	60	770	385	660
BMQ320	3.7	18.0	80	770	385	660
BMQ325	3.7	23.0	100	770	385	660
BMQ330	3.7	28.0	122	880	510	660

Compact SuperSplit

4.4 star

- Compact size, ideal for small space installations.
- Manual controller (upgradable to the MaglQtouch® controller or MaglQtouch® Radio Frequency controller for an extra cost).
- Zoned-heating capable.



Model	Rating	Output	Gas Rate	Dimensions		
				Length	Width	Height
	Stars	kW	MJ/hr	mm	mm	mm
CQS415	4.0	14.0	60	1065	375	460
CQS420	4.4	20.5	90	1065	375	460
CQS430	4.3	27.5	120	1110	470	480



Ecostar

3 star to 7 star equivalent² range



Model	Rating	Output	Gas Rate	Dimensions		
				Length	Width	Height
	Stars	kW	MJ/hr	mm	mm	mm
TQS730 ²	7.0	26.6	100	1165	510	660
TQM618	6.3	17.9	70	1150	385	660
TQM623	6.3	22.5	88	1150	385	660
TQM6X23 ⁸	6.3	22.5	88	1150	385	660
TQM6X23U ⁸	6.3	22.5	88	1150	385	660
TQM632	6.3	31.2	122	1165	510	660
TQM6X32 ⁸	6.3	31.2	122	1165	510	660
TQM6X32U ⁸	6.3	31.2	122	1165	510	660
SSQ5X20 ⁸	5.2	88	20.0	770	385	660
SSQ5X30 ⁸	5.2	122	27.8	880	510	660
TQM516	5.2	15.9	70	770	385	660
TQM520	5.2	20.0	88	770	385	660
TQM5X20 ⁸	5.2	20.0	88	770	385	660
TQM5X20U ⁸	5.2	20.0	88	770	385	660
TQM530	5.2	27.8	122	880	510	660
TQM5X30 ⁸	5.2	27.8	122	880	510	660
TQM5X30U ⁸	5.2	27.8	122	880	510	660
TQ415	4.7	14.0	60	770	385	660
TQ420	4.7	18.0	80	770	385	660
TQ4X20 ⁸	4.7	18.0	80	770	385	660
TQ425	4.7	23.0	100	770	385	660
TQ4X25 ⁸	4.7	23.0	100	770	385	660
TQ430	4.7	28.0	122	880	510	660
TQ4X30 ⁸	4.7	28.0	122	880	510	660
TQ435	4.7	32.0	140	880	510	660
TQ315	3.7	14.0	60	770	385	660
TQ320	3.7	18.0	80	770	385	660
TQ325	3.7	23.0	100	770	385	660
TQ330	3.7	28.0	122	880	510	660

Non condensing



World First

Braemar delivers the world's first 7 star equivalent ducted gas heaters.

- Engineered for ultimate efficiency.
- Controller options: MaglQtouch[®] controller⁷ or MaglQtouch[®] Radio Frequency controller.
- Zoned-heating capable for 4-7 star range.
- Braemar Add-On Cooling systems available to operate with heaters having Extra-Air functionality (X in model number).



2. Star rating equivalent. Based on Australian Gas Association's results calculated in accordance with the testing methodology in AS/NZS 5263.1.6:2020.
 6. Actual savings achieved will depend on the number of zones and controls installed, actual zone usage pattern, temperature settings, outside temperature, house size and room layout, house insulation, number of outlets, zone system design. Zoning savings are based on: • A range of assumed zone configurations, usage profiles and zone set-temperatures, with energy consumption reduced due to not heating the whole house all of the time. • Individual zone temperature control (a single MaglQtouch[®] controller in combination with air temperature sensors, or multiple MaglQtouch[®] controllers).
 7. Can be Wi-Fi enabled for use with our smart app and smart home integration. Requires MaglQtouch[®] wall control, MaglQtouch[®] Wi-Fi smart kit and MaglQtouch[®] account to operate. Additional costs may apply.
 8. Extra air models are designed to have Braemar Add-On Cooling system added.

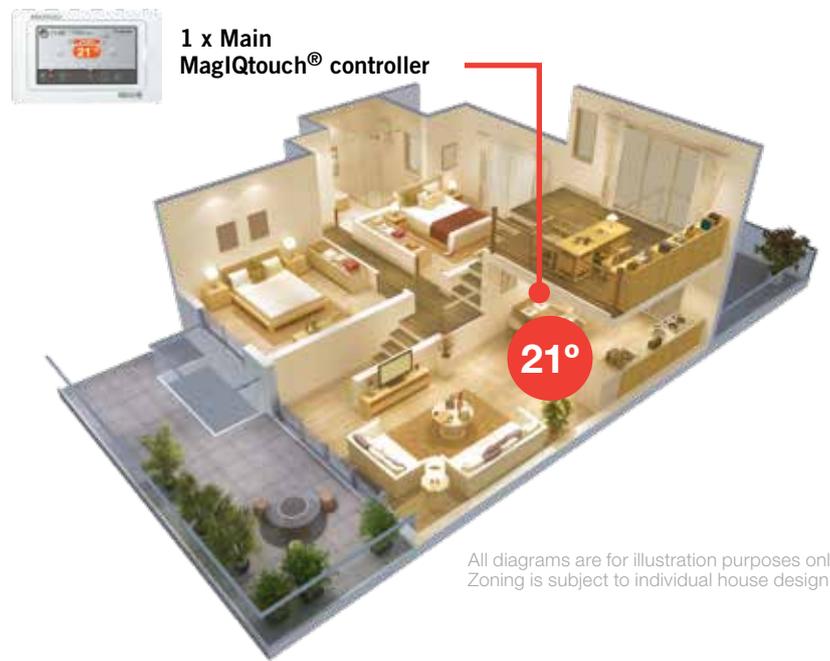
Zone your home with three zoning options

\$ Save up to an extra 60% on running costs with zone control⁶

Standard zoning

Controlled from:
1 x MagIQtouch[®] controller in common zone.

- Set one temperature for all zones.
- Ability to turn zones on and off, based on minimum outlet requirement.



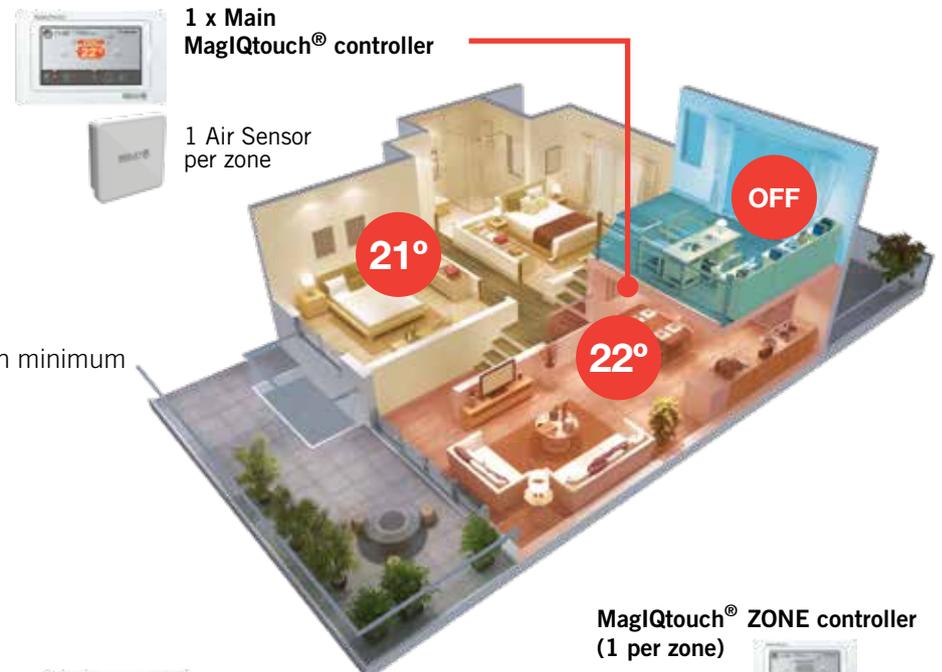
All diagrams are for illustration purposes only. Zoning is subject to individual house design.

Central control zoning

Controlled from:
1 x MagIQtouch[®] controller

Set different temperatures for each zone.

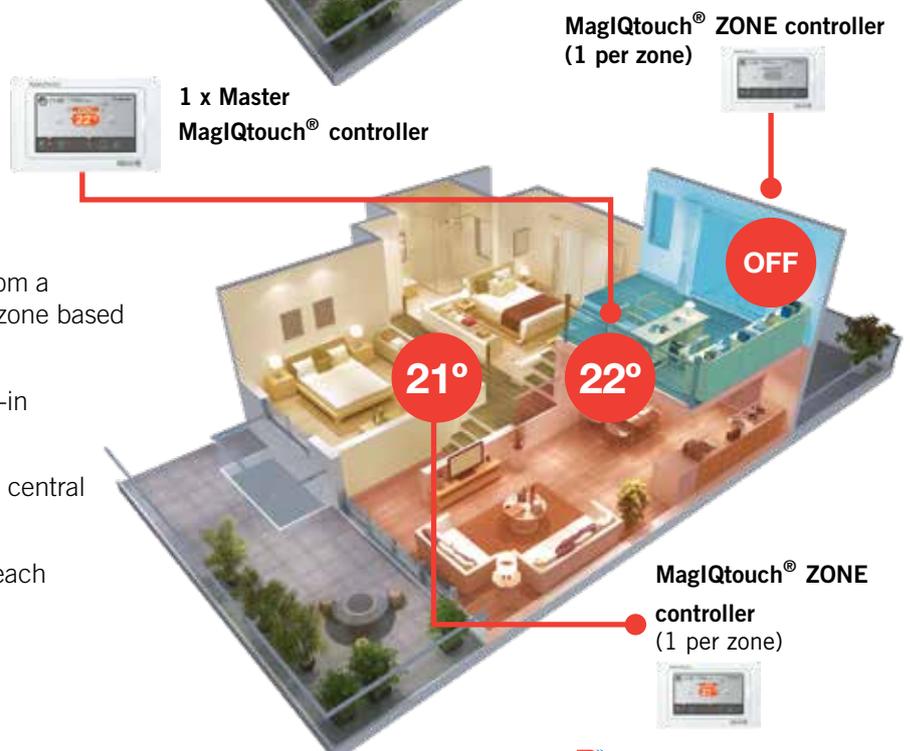
- Additional discreet MagIQtouch[®] Air Sensors located in each zone.
- Ability to turn zones on and off, based on minimum outlet requirement.
- Option for up to 10 different zones.



Complete comfort zoning

Controlled from:
Up to 10 x MagIQtouch[®] controllers (1 x per zone).

- Set different temperatures for each zone from a dedicated MagIQtouch[®] controller in each zone based on minimum outlet requirement.
- MagIQtouch[®] zone controllers include built-in temperature sensors.
- Ability to switch on/off whole system from a central master MagIQtouch[®] controller.
- Set independent programs for zones from each MagIQtouch[®] zone controller.



Evaporative Cooling

The most healthy and energy efficient cooling experience for your home



The healthiest choice

Improving the health, wellbeing and vitality of the whole family. Leaves moisture in the air, which combats dehydration.



Lowest running cost in Australia

Up to 80% cheaper to run⁹
Save up to 80% on energy bills when compared to a reverse cycle air conditioner.



Fresh, cool clean air

Delivers **100% fresh**, filtered outside air, not stale recycled air, naturally cooling your **whole** home.



Quiet to run

Ask your dealer for a demonstration - see how **cool and whisper quiet** it is!



Built to last

Quality that lasts. 5 years comprehensive warranty¹⁰.



Australian designed, made and owned!

Manufactured by family owned Seeley International, Australia's largest air conditioning manufacturer.



Environmentally friendly

Produces up to 80% less CO₂ emissions¹¹ - that's the equivalent of **planting 16 gum trees!**¹⁹



Ultimate lifestyle

Perfect for alfresco living and busy families where children and pets keep coming in and out.



Low maintenance

Innovative design, minimising long term servicing.



Incorporating InvertaCool® technology

- Quieter operation.
- Greater air flow control.
- Ultra-energy efficient, lower carbon emissions.
- Lower power bills.

9. Seeley International's calculation based on approximate running cost figures from publicly sourced data. Comparison with 1.5 star not zoned ducted refrigerative system in a large size (220m²) 2-star pre 2005 house in a Melbourne climate, cooling all day on the weekend and in the mornings and evenings when internal temperatures are high, and an electricity tariff of 31.9c/kWh. Negligible water cost excluded.

10. The warranty has terms and conditions, including the requirement for regular servicing of the product in accordance with the owner's manual.

11. Seeley International's calculation based on approximate greenhouse gas emissions figures from publicly sourced data. Comparison with 1.5 star not zoned ducted refrigerative system in a large size (220m²) 2-star pre 2005 house in a Melbourne climate, cooling all day on the weekend and in the mornings and evenings when internal temperatures are high. 19. This is an estimate based on the CO₂ calculation above and using the data from forestlearning.edu.au, 'Carbon and its storage in forest and wood products' article, published 2011. Calculation based on a spotted gum tree that sequesters 72kg CO₂/YR.

Braemar Builders Range

Model	Cooling capacity	Airflow	Nominal motor power	Dimensions			Operating weight
				Length	Width	Height	
	kW	L/sec	W	mm	mm	mm	kg
BMQ 650	6.9	1430	340	1150	1150	835	83
BMQ 850	9.2	2230	600	1150	1150	835	84
BMQ 1150	12.0	2390	750	1150	1150	835	85

Upgrade options

Evolution

What sets the Evolution model apart is an ultra-low profile with sloped tank, making it a stylish, unobtrusive addition to your roof-line. With an inverter motor, whisper quiet fan and superior airflow control, the Evolution delivers fantastic cooling performance.

Model	Cooling capacity	Airflow	Nominal motor power	Dimensions			Operating weight
				Length	Width	Height	
	kW	L/sec	W	mm	mm	mm	kg
LPQI 250	8.4	1510	340	1150	1150	730	86
LPQI 350	10.4	2010	430	1150	1150	730	86
LPQI 450	11.8	2390	600	1150	1150	730	86
LPQI 550	13.2	2850	950	1150	1150	730	86

SuperStealth®

The SuperStealth® units have the highest cooling capacities and energy efficiencies in the Braemar evaporative cooling range. Featuring the SuperStealth® axial fan, designed to be more energy efficient and quieter than other fans in the range.

Model	Cooling capacity	Airflow	Nominal motor power	Dimensions			Operating weight
				Length	Width	Height	
	kW	L/sec	W	mm	mm	mm	kg
SuperStealth LCQI250	8.1	1500	340	1150	1150	685	88
SuperStealth LCQI350	9.9	1990	430	1150	1150	685	88
SuperStealth LCQI450	13.5	2620	600	1150	1150	835	91
SuperStealth LCQI550	14.3	3070	950	1150	1150	835	91

Paradigm

The Paradigm is an economical, proven performer, featuring the stealth fan and a totally enclosed tropic proof motor, for reliable cooling performance.

Model	Cooling capacity	Airflow	Nominal motor power	Dimensions			Operating weight
				Length	Width	Height	
	kW	L/sec	W	mm	mm	mm	kg
LCQ 350	10.2	1980	430	1150	1150	685	80
LCQ 450	13.2	2560	600	1150	1150	835	89
LCQ 550	14.1	2810	950	1150	1150	835	91

The above data was drawn from Meridian Test Laboratory's test analysis. The testing was performed by a NATA accredited laboratory to the requirements of the Australian standard AS2913-2000 "Evaporative Air Conditioning Equipment." Achievable with ambient 38 °C DB, 21 °C WB, room temperature 27.4 °C. 12.Colours may vary.



Colour range¹²:



Beige made to order.



MAGIQTOUCH® controller

Smart, sophisticated and incredibly intuitive, your MagIQtouch® controller makes operating your air conditioning so simple. Suitable for ducted gas heating, add-on cooling, and evaporative cooling, the discreet and modern design will blend seamlessly into the decor of your new home.

Main features



Touchscreen

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



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.¹⁸



Program Mode

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



Useful Settings

Access features such as child lock, quiet mode¹⁷ and servicing information.



Switch to Cooling

Quickly switch between heating and cooling with a single smart controller. The display turns blue when cooling and red when heating.



Range of upgrade options to suit your needs



Wireless:

- Battery operated Wireless Controller using Radio Frequency technology.
- Ideal for renovations, or where access for cabling is limited.
- Easier to install, the RF option also provides up to 2 master controllers.
- Can control the entire system from 2 locations, rather than 1; an ideal solution for larger, or two storey homes.



Wifi Enabled:¹³

- **Take complete control of your comfort at home, at all times.**
- Upgrade to a Wi-Fi module to work with your wired in MagIQtouch® Controller¹⁴, 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.
- Integrate into voice activated smart home controls like Google Home and Amazon Alexa.

Smart home integration: Control your heating comfort needs directly from your mobile device, and integrate into voice activated smart home controls like Google Home¹⁵ and Amazon Alexa¹⁶.



Available for download now on iOS and Android



Google Home



amazon echo



¹³.Requires MagIQtouch® Wi-Fi kit, compatible MagIQtouch® controller and MagIQtouch® account to operate. Additional costs may apply.

¹⁴.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.

¹⁵.Requires Wi-Fi, Google Account and a compatible device. Google and Google Home are trademarks of Google LLC. Additional costs may apply.

¹⁶.Requires Wi-Fi, Amazon Account and a compatible device. Additional costs may apply.

¹⁷.TQ3 and TQD3 models: night quiet mode is not available, and fan speed is not user-adjustable.

¹⁸.Zoning is available on ducted gas heaters as an optional extra. TQ3, TQD3 and BMQ heater models: zoning is not available.

Add-On Cooling for ducted gas heating

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

Add-On Cooling systems utilise existing Braemar ducted gas heating ductwork and grilles to provide refrigerated cooling. The system consists of an indoor unit, an outdoor unit and one controller for heating and cooling, with zoning options available.



Invertair™ Series Specifications

Indoor unit	Outdoor unit	Ducted gas heater airflow l/s @ 100Pa @ Fan Speed 10	Invertair™ capacity Min-Nominal-Max Capacity (kW) Airflow (l/s)	Max fan speed setting	Applicable Braemar extra air ducted gas heaters
SACV10D1S	SCHV10D1S	695	3.20-10.00-11.00	9	X20, X23
		755	330-550-650	8	X20, X23
SACV12D1S	SCHV12D1S	695	4.00-13.00-13.50	10	X20, X23
		755	415-610-800	10	X20, X23
SACV14D1S	SCHV14D1S	695	6.00-14.50-14.50	10	X23, X25
		755		470-700-800	10
		810		10	X23, X25
SACV16D1S	SCHV16D1S	1050	6.40-15.50-17.00	10	X30, X32
		1070	610-1050-1070	10	X30, X32

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

Coolmaster™ Fixed speed series Specifications

Indoor unit	Outdoor unit	Nominal airflow l/s @ 100Pa	Nominal capacity Total/sensible (kW)	Nominal AEER	Applicable Braemar extra air ducted gas heaters
AOCF18C-S	TCCF18C1S	935	17.8 / 13.5	3.52	X30, X32
AOCF18C-S	TCCF18C3S	935	17.8 / 14.0	3.56	X30, X32
AOCF21C-S	TCCF21C3S	1050	21.1 / 16.6	3.58	X30, X32
AOCF23C-S	TCCF23C3S	1200	23.3 / 18.5	3.46	TQA5X30N

Note: 4, 5 and 6 star extra air heaters are suitable for add-on cooling. Care must be taken to ensure that the AOC coil maximum airflow is not exceeded. This can be done by setting the ducted gas heater maximum airflow during the commissioning and set up stage. Please refer to the TQ model Installation Manual. The above Invertair™ models are only available with MagIQtouch® Controller and must be purchased as a package with Braemar ducted gas heating.

Split system reverse cycle air conditioning

Leading edge wall mounted split and multi split air conditioning

Standard features

The DC inverter technology difference

All Braemar split systems and multi split 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, outdoor and indoor fans, 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.



LSHV operating temperatures.



Greatly reduced system noise inside and outside the home.

DC inverter technology vs. conventional

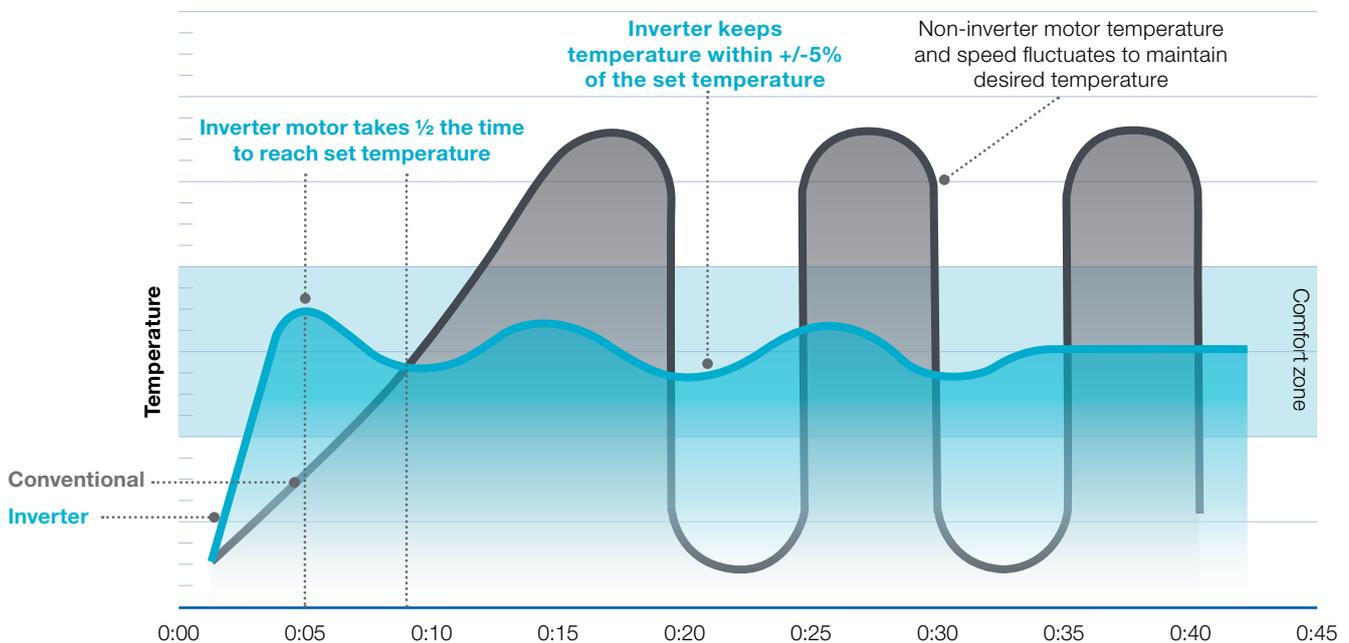


Table for illustration purposes only.



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 as standard.**

ZERL Zoned Energy Rating Label

What you need to know

Energy rating labelling on air conditioners has taken a big leap forward, with the new Zoned Energy Rating Label (ZERL), mandatory on new models from April 1, 2020. The new label allows consumers to make a more informed decision for their heating and cooling; including how much heating and cooling power a model has, energy efficiency based on location, electricity usage and noise production.



Cooling Capacity

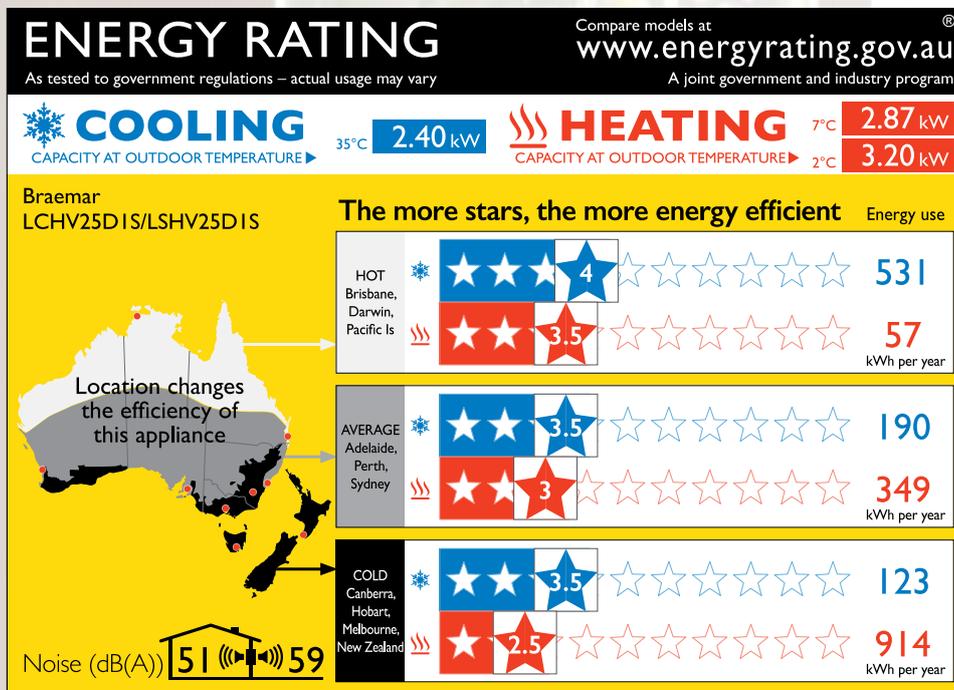
This tells you how much cooling the air conditioner can provide. This example tells you that if the temperature outside is hot (35°C), then the appliance can provide 2.40 kilowatts (kW) of cooling. System size is critical, and will depend on size of space to cool, insulation, windows and shade. A correctly sized system will make your cooling more efficient and affordable.

Heating Capacity

This tells you how much heating the air conditioner can provide. This example tells you that if the temperature outside is cold (7°C), then the appliance can provide 2.87 kilowatts (kW) of heating, and if the temperature outside is very cold (2°C), then the appliance can provide 3.20 kW of heating.



Model name and number



Noise Levels -Sound Power

This tells you how loud the air conditioner will be when it is running. The number inside the house is how loud it will be inside the home, and the number outside the house is how loud it will be near the outside unit.

The sound pressure will vary depending upon the installation site. Hard surfaces can reflect noise and influence the sound levels heard both inside and outside the home.

Efficiency ratings based on location

The efficiency of a product will change, dependent on the location in which it operates. The new ZERL helps consumers to determine which model would work best in their location.

There are three bands of ratings, for Hot, Average and Cold areas in Australia and New Zealand. Use the map to see which area you live in, and so which band you should use.

Electricity usage

This tells you how much electricity the air conditioner will use each year for cooling and heating.

The lower the kWh used, the lower the cost to run the appliance. If you know your electricity tariff, you can multiply it by these figures to estimate yearly running costs.

Information source

All information on this page has been sourced from www.energyrating.gov.au. The ZERL pictured is for Braemar model LSHV25D1S.

Infiniti-Aire™ inverter split system

Indoor unit



Compact, energy efficient and quietly powerful, the **Infiniti-Aire™ Inverter Split System** excels at single zone heating and cooling, while also being adaptable to multi split systems.



3D AIRFLOW
for total comfort throughout the home.



I FEEL MODE
room temperature controlled exactly where it is required.



LSHV operating temperatures.



ZERL
rated to the latest standard, with zoned energy rating labels.

- **7 fan settings.**
- **Compact** modern design.
- **Efficient** R410A refrigerant.
- **Available in** 6 sizes.
- **Adaptable** to multi split system air conditioning (7 sizes).
- **Dry connection available for gate-card** or remote on/off, great for schools or hotels.
- **Anti-corrodible coating** on printed circuit boards to protect electronics.



Standard with **EWPE Smart app** for Wi-Fi control

Additional features



Intelligent auto-restart



Auto adjusted sleep curves



Draught protection



LED display



Timer



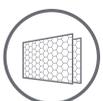
Intelligent defrosting



3D Airflow



Turbo button



Protective filters



Self-diagnostic



Dehumidification



Auto restart



Energy saving



Wi-Fi control



Wide operating temperatures



Wired wall controller (optional)
BACnet compatible

Infiniti-Aire™ inverter split system

Outdoor unit



FLEXIBLE OUTDOOR PLACEMENT

long pipe runs (up to 25m).



GOLD FIN

advanced protection from the elements.



SLIM DESIGN

allows more flexibility in placing outdoor units.



DRED

demand response enabled device as standard.



R410A REFRIGERANT

high efficiency.

Technical Specifications

Model No.	Indoor unit	LSHV25D1S	LSHV35D1S	LSHV50D1S	LSHV60D1S	LSHV70D1S	LSHV80D1S
	Outdoor unit	LCHV25D1S	LCHV35D1S	LCHV50D1S	LCHV60D1S	LCHV70D1S	LCHV80D1S
Capacity	Cooling (kW)	2.40 (0.20~3.70)	3.30 (0.5~4.00)	5.10 (1.80~6.00)	6.00 (1.50~8.60)	7.10 (1.10~9.40)	8.20 (1.70~9.30)
	Heating (kW)	2.87 (0.40~4.00)	3.80 (0.80~4.80)	5.40 (1.90~7.00)	7.00 (2.00~11.00)	8.00 (1.80~10.70)	8.80 (2.40~11.10)
ZERL Star rating (Hot / Average / Cold)	Cooling	4.0 / 3.5 / 3.5	3.5 / 3.0 / 3.0	3.0 / 2.5 / 2.5	3.0 / 3.0 / 3.0	3.5 / 3.0 / 3.0	3.5 / 3.0 / 3.5
	Heating	3.5 / 3.0 / 2.5	3.0 / 2.5 / 2.0	2.5 / 2.0 / 1.5	3.0 / 2.5 / 2.0	2.5 / 2.0 / 1.5	3.0 / 2.0 / 1.5
Set temp. range	°C	16 ~ 30	16 ~ 30	16 ~ 30	16 ~ 30	16 ~ 30	16 ~ 30
Ambient temperature range	Cooling (°C)	-10 ~ 50	-10 ~ 50	-10 ~ 50	-10 ~ 50	-10 ~ 50	-10 ~ 50
	Heating (°C)	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24

ZERL Zoned Energy Rating Label

For more information on ZERL, what it means for you, and how to read the new energy label, please visit: <https://www.energyrating.gov.au/products/air-conditioners>.

Multi split system air conditioning

Multi split system air conditioning

Cool or heat multiple rooms individually from just one system, with a choice of different indoor solutions to suit your needs.



Wall mounted split systems

Sleek modern design.

The Infiniti-Aire™ is available in 7 sizes for multi split system configurations.

Refer to page 14/15 for more information.



Bulkhead units

A discreet option, hidden in the ceiling or in a space above a cupboard.

Available in 5 different sizes.



Outdoor unit

A central slimline unit with long pipe run and easy installation.



Ceiling mounted cassette

Available in two sizes, with 4 fan settings, quiet operation and easy/flexible installation.

Bulkhead

Indoor unit

Bulkhead units are a discreet option, hidden in the ceiling or in a space above a cupboard. Comes standard with 2 controls.

- Available in 5 sizes.
- Easy and flexible installation.
- Efficient cooling and heating, with low noise.



MBHV Cassette

Indoor unit

The ceiling mounted cassette is available in two sizes, with 4 fan settings, quiet operation and easy, flexible installation.



Inverter Split System

Indoor unit

The split system wall mounted unit is available in 7 sizes and is rated to the latest energy standards.

- The latest zoned energy rating label (ZERL)
- 3D air flow.
- Wifi control with EWPE Smart app.



Multi Split

Outdoor unit

The multi split outdoor unit features a slim design, with long pipe runs (up to 75m) allowing for flexible outdoor placement, even in narrow areas as houses maximise on space and built to the boundary.

- DRED response enabled device as standard.
- Wide operating range (model specific).



Ducted reverse cycle air conditioning

Single phase ducted reverse cycle Indoor and outdoor units



Power saving

High energy efficiency results in significant savings in running costs.



Efficient and quiet

Inverter technology, optional motion sensor and installer settings tailoring airflow all make for best efficiency and the quietest operation.



Low profile design

Visually appealing, discrete and low profile unit to deliver conditioned air via ducting and suitable ceiling or wall grilles.



Easy and flexible installation

Compact, adaptable room positioning allows for flexible installation choices.



Optional wired wall control - XK75

Allowing up to 14 day time programmable timetable.



Home automation system adaptable

Modbus compatibility allows operation with a wide range of home automation systems. Remote on/off control available for applications that require connection to a Building Management System (BMS), or require a room card.



Technical Specifications

Model		Outdoor	KCHV070D1B	KCHV100D1B	KCHV125D1B	KCHV140D1B	KCHV160D1B	
		Indoor	KDHV070D1S	KDHV100D1S	KDHV125D1S	KDHV140D1S	KDHV160D1S	
Cooling Capacity		kW	7.10	10.00	12.40	13.50	16.30	
Cooling Capacity Range (Min ~ Max)		kW	2.40 ~ 8.00	3.20 ~ 11.00	3.60 ~ 12.80	6.80 ~ 16.00	6.00 ~ 17.00	
Heating Capacity at 7°C		kW	8.00	12.00	14.00	16.00	18.60	
Heating Capacity Range (Min ~ Max)		kW	2.20 ~ 9.00	3.00 ~ 13.50	3.60 ~ 14.50	4.50~17.00	7.00~19.00	
Heating Capacity at 2°C		kW	5.95	7.10	10.64	10.65	12.93	
AEER / ACOP		W / W	3.54 / 3.80	3.26 / 3.32	3.25 / 3.49	3.16 / 3.66	3.32 / 3.53	
ZERL Star Rating Hot / Average / Cold	Cooling	-	3.0 / 3.0 / 3.0	3.0 / 2.5 / 2.5	3.0 / 3.0 / 3.0	3.0 / 2.5 / 3.0	3.0 / 3.0 / 3.0	
	Heating	-	2.5 / 2.0 / 1.5	2.5 / 1.5 / 1.0	3.0 / 2.0 / 1.5	3.0 / 2.0 / 1.5	3.0 / 2.0 / 1.5	
Indoor Unit	Rated Airflow		l/s	389	556	722	833	888
	Airflow (Min ~ Max)		l/s	250 ~ 583	333 ~ 833	444 ~ 1194	528 ~ 1194	556 ~ 1222
	Min ~ Max ESP		Pa	0 ~ 150	0 ~ 175	0 ~ 200	0 ~ 200	0 ~ 200
	Drain Pump		Y/N	Yes	Yes	Yes	Yes	Yes
	Sound Power Level		dB(A)	62	63	68	69	66
	Sound Pressure (Min ~ Max)		dB(A)	37 ~ 44	40 ~ 46	41 ~ 47	41 ~ 49	40 ~ 48
	Dimension	Outline Dimension (WxDxH)	mm	900 x 655 x 260	1000 x 700 x 300	1400 x 700 x 300	1400 x 700 x 300	1150 x 720 x 350
Net Weight		kg	31.0	41.0	57.0	57.0	58.0	
Outdoor Unit	Sound Power Level		dB(A)	66	71	69	72	74
	Sound Pressure		dB(A)	52	59	58	57	60
	Dimension	Outline Dimension (WxDxH)	mm	892 x 340 x 698	940 x 460 x 820	940 x 460 x 820	900 x 340 x 1345	940 x 320 x 1430
	Number of Fans		QTY	1	1	1	2	2
	Weight	Net Weight	kg	53.0	83.0	92.0	106.0	117.0
Ambient Temperature Operating Range	Cooling	°C	-15°C to 52°C	-15°C to 52°C	-15°C to 52°C	-15°C to 52°C	-15°C to 52°C	
	Heating	°C	-15°C to 24°C	-15°C to 24°C	-15°C to 24°C	-15°C to 24°C	-15°C to 24°C	

Three phase ducted reverse cycle

Indoor and outdoor units



Power saving

High energy efficiency results in significant savings in running costs.



Efficient and quiet

Inverter technology and installer settings tailoring airflow all make for best efficiency and the quietest operation.



Low profile design

Visually appealing, discrete and low profile design that can be concealed above ceilings to deliver conditioned air via ducting and suitable ceiling or wall grilles.



Easy and flexible installation

Compact and adaptable room positioning allows for flexible installation choices. 3 core signal cable to outdoor unit allows for quick installation.



Home automation system adaptable

Remote on/off control available for applications that require connection to a Building Management System (BMS), or require a room card.

Technical Specifications

Model No.	Indoor unit	SDHV20D1S	SDHV24D1S
	Outdoor unit	SCHV20D3S	SCHV24D3S
Capacity	Cooling (kW)	20.0 (10.00~25.00)	24.0 (11.00~27.50)
	Heating (kW)	22.4 (10.00~30.00)	26.0 (11.00~33.00)
Indoor unit	Rated airflow @ 50 Pa (L/s)	1220	1390
	Min/max airflow (L/s)	830 - 1400	830 - 1400
	Range (9 settings) Pa	0 - 250	0 - 250
	Rated speed (min/max)	6 Settings	6 Settings
	Duct flange S/A (mm)	262 x 962	262 x 962
	Duct flange R/A (mm)	402 x 1350	402 x 1350
	Sound pressure level (dB(A))	53	55
	Dimensions (W x H x D), outline (mm)	1690 x 440 x 870	1690 x 440 x 870
	Net / Gross weight (kg)	110/135	113/140
Outdoor unit	Sound pressure level (dB(A))	60	62
	Dimensions (W x H x D) (mm)	940 x 1615 x 460	940 x 1615 x 460
	Net / Gross weight (kg)	155/170	175/190
Set temp. range	°C	16~30	16~30
Ambient temperature range	Cooling (°C)	-7~48	-7~48
	Heating (°C)	-15~24	-15~24



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

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