

Ducted gas heating,
**the ultimate in safety, reliability
and energy efficiency**



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

Braemar has just taken safety, reliability and energy efficiency to a brand new multi-million dollar level!

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



Award Winning Company

Seeley International consistently wins awards each year for new product design, innovation and the environment.

Recent awards include:



sydney
design
awards



melbourne
design
awards



The ultimate in energy efficient, ducted gas heating



QUALITY

Uncompromised product quality and reliability
50 year history



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 costs



WARRANTY

7 year comprehensive warranty**
10 year heat exchanger and burner warranty



ENERGY EFFICIENT

Exceeds the Australian standard with the world's first and only, 7 star equivalent* ducted gas heating range
High star ratings in every category



ENVIRONMENT

Low CO₂ emissions



**The 7 year comprehensive warranty is available exclusively (i.e. only) if the product is purchased from Seeley International participating dealers. If it is not, then the warranty period, when the product is used for personal, residential household purposes, is 5 years. In commercial applications (when the product is used for keeping people warm), the warranty period is 5 years, and it is 1 year for 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. In the fourth year the service must be performed by Seeley International or its appointed nominee.

*Star rating equivalent. Based on Australian Gas Association's results calculated in accordance with the testing methodology in AS/NZS5263.1.6:2016.

Star ratings explained



ENERGY EFFICIENCY MADE EASY

In Australia, there is an Energy Rating Labelling scheme to help customers choose energy efficient appliances



MORE STARS, MORE SAVINGS[◇]

The higher the number of stars on the rating label, the more efficient the appliance, meaning greater annual savings on your running costs



ONE STAR, 10% SAVING[◇]

On average an increase of one star means an average usage saving of approximately 10%



HIGHEST STAR RATING

Braemar has developed heaters that measure at a higher efficiency than the maximum 6 star rating stated by the Australian Standard. the maximum!



7 STAR EQUIVALENT* EXPLAINED

Using the Australian Standard system, the Australian Gas Association (AGA) report calculates that Braemar has a 7 star equivalent ducted gas heater



INDEPENDENTLY TESTED

All Braemar ducted gas heaters have been independently tested in an AGA Nata accredited testing laboratory



*Star rating equivalent. Based on Australian Gas Association's results calculated in accordance with the testing methodology in AS/NZS5263.1.6:2016.
[◇]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/NZS5263.1.6:2016 House Heat load – 0.2 MJ/h/m³ – based on AS/NZS5263.1.6:2016 • Annual Energy Consumption (AEC) for different star rated heaters based on AS/NZS5263.1.6:2016 • 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. ^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 900 hours running per year. Peak electricity tariff – 27.7 c/kWh. Off-peak electricity tariff – 16.6 c/kWh. Marginal natural gas tariff – 1.50 c/MJ for ducted gas heating. Actual costs for your house will depend on the area heated, how long you run the heating for, your thermostat settings, how well insulated the house is, your energy tariffs and your local climate.

Save with a higher star rating

Installing a Braemar 7 star equivalent* ducted gas heater instead of a 3 star ducted gas heater will save approximately \$754 per year in running costs!^o

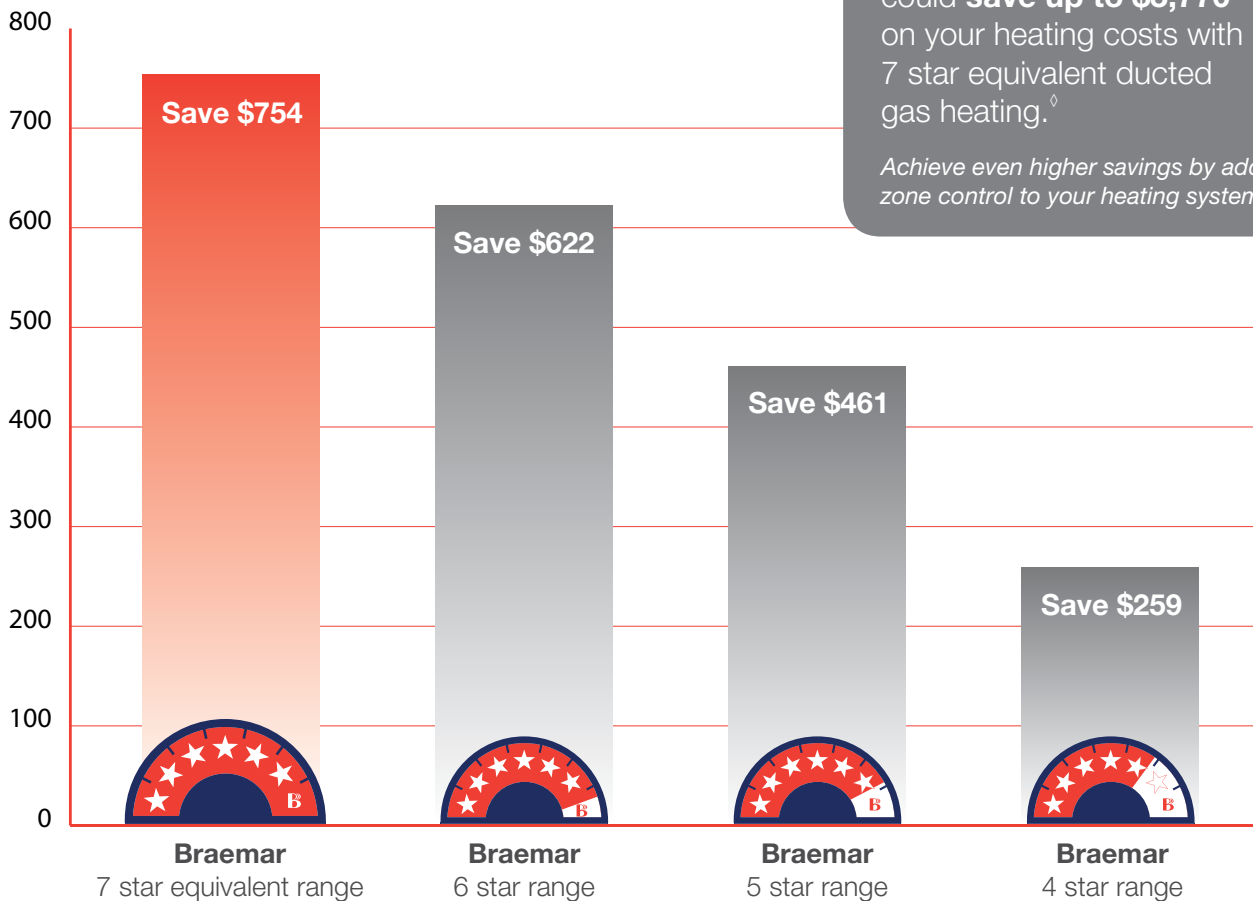
Savings per year

Compared to a 3 star ducted gas heater



Over a five year period you could **save up to \$3,770** on your heating costs with 7 star equivalent ducted gas heating.^o

Achieve even higher savings by adding zone control to your heating system.



Ducted gas heating vs reverse cycle heating

With energy prices rising, ducted gas heating has the edge on reverse cycle when it comes to both efficiency and performance, and even more so with the world's first 7 star equivalent ducted gas heating range from Braemar.



COST EFFECTIVE

Save up to **\$525 per year** when compared to reverse cycle[^]



BETTER PERFORMANCE

Reverse cycle works less efficiently when outside temperature drops. Ducted gas efficiency remains steady.



INSTANT WARMTH

Ducted gas reaches desired temperature much faster than reverse cycle.



COMFORTABLE AIR

Ducted gas heating won't dry your skin and eyes. It's a different kind of cosy warmth.

MAGIQTOUCH® controller

Touch screen technology

Smart, sophisticated and incredibly intuitive, your MagIQtouch® controller makes operating your Braemar so simple. Discreet and modern design will blend seamlessly into the decor of your home. Choose between standard, Wi-Fi enabled or wireless Radio Frequency MagIQtouch® controller options.

MAGIQTOUCH® controller



Can be Wi-Fi enabled for use with our smart app and smart home integration[^]

MAGIQTOUCH® Radio Frequency controller



Use the latest in Radio Frequency (RF) channel hopping technology with no need for wiring

MAIN FEATURES



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 mode[°] and servicing information.



Switch to Cooling

Quickly switch to cooling (if applicable). Display turns blue when cooling and red when heating.



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.*



[°] TQ3 and TQD3 models: night quiet mode and zoning is not available, and fan speed is not user-adjustable.
^{*} Zoning is an optional extra.

MAGIQTOUCH®

MAGIQTOUCH®

Wi-Fi SMART APP*



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.



Available for download now on iOS and Android



MAGIQTOUCH®

SMART HOME INTEGRATION*



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



Google Home



amazon echo



*Requires MagIQtouch® wall control, MagIQtouch® Wi-Fi smart kit and MagIQtouch® account to operate.

^Requires Wi-Fi, Google Account and a compatible device. Google and Google Home are trademarks of Google LLC.

^Requires Wi-Fi, Amazon Account and a compatible device.

Zone your home with three zoning options[◇]



COMPLETE CONTROL

Complete control over individual comfort needs



FLEXIBILITY

Flexibility to heat only parts of the house in use.



SAVINGS

Heat only the zones you are in and save.

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



**1 x Main
MagIQtouch® controller**



Diagram for illustration purposes only. Zoning is subject to individual house design.

Central control zoning

Controlled from:

1 x MagIQtouch® controller
in common zone

- 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



**1 x Main
MagIQtouch® controller**

1 Air Sensor per zone

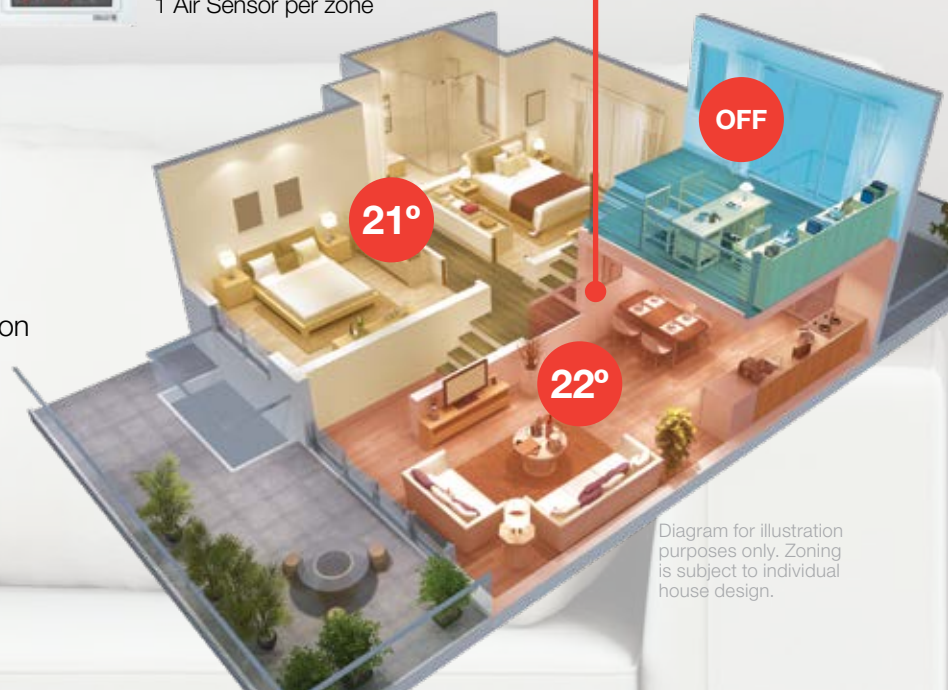


Diagram for illustration purposes only. Zoning is subject to individual house design.



Save up to an extra
60% on running costs
with zone control[#]

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 MagIQtouch® controller
- Set independent programs for zones from each MagIQtouch® zone controller
- Option for up to 10 different zones



**1 x Master
MagIQtouch® controller
in common zone**

**MagIQtouch®
ZONE controller
(1 per zone)**



**MagIQtouch®
ZONE controller
(1 per zone)**

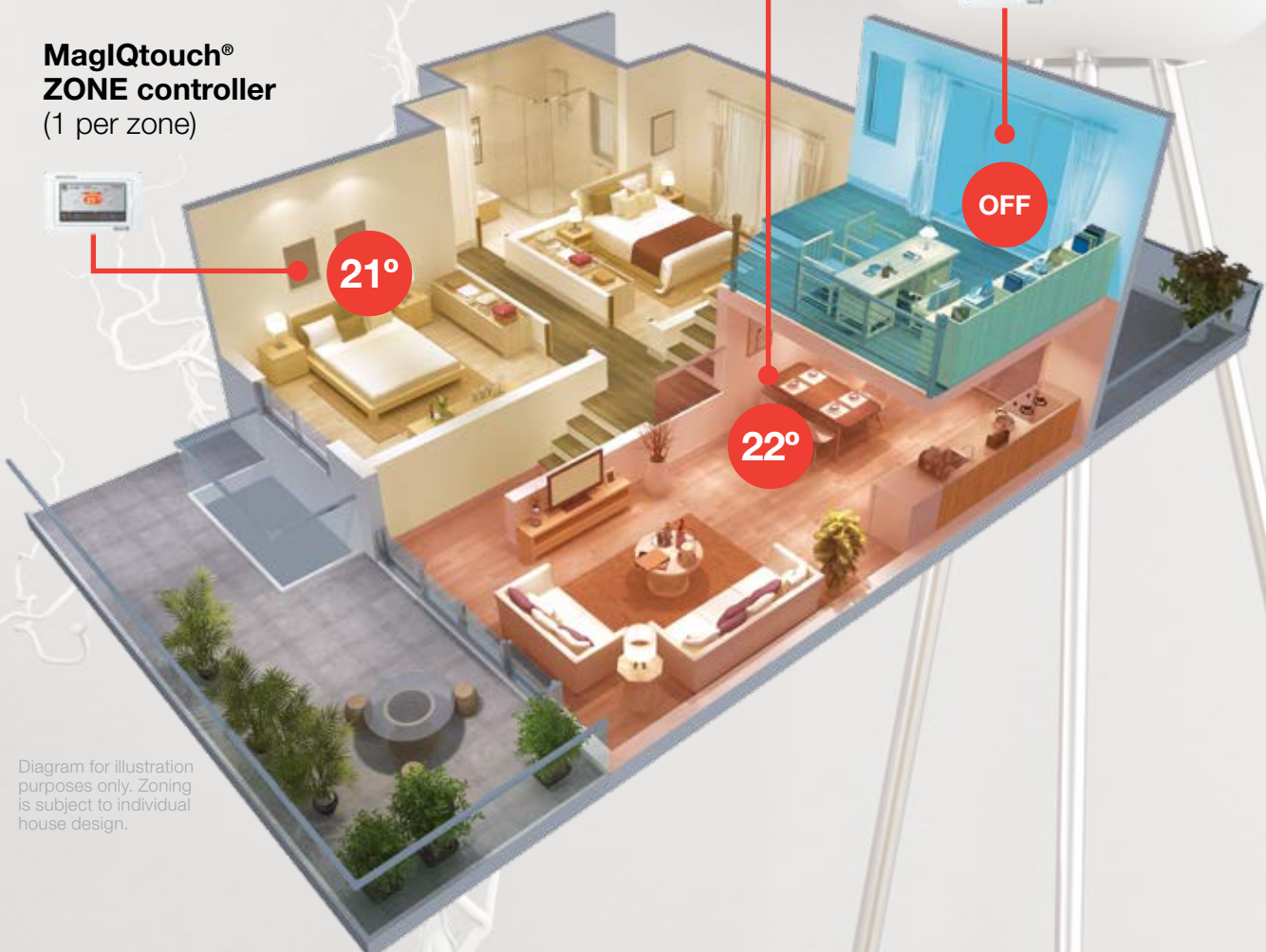


Diagram for illustration purposes only. Zoning is subject to individual house design.

[°]Zoning is an optional extra. TQ3 and TQD3 models: zoning is not available.

[#]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 MagIQtouch® controller in combination with air temperature sensors, or multiple MagIQtouch® controllers).

Braemar ducted gas heating

Features and benefits



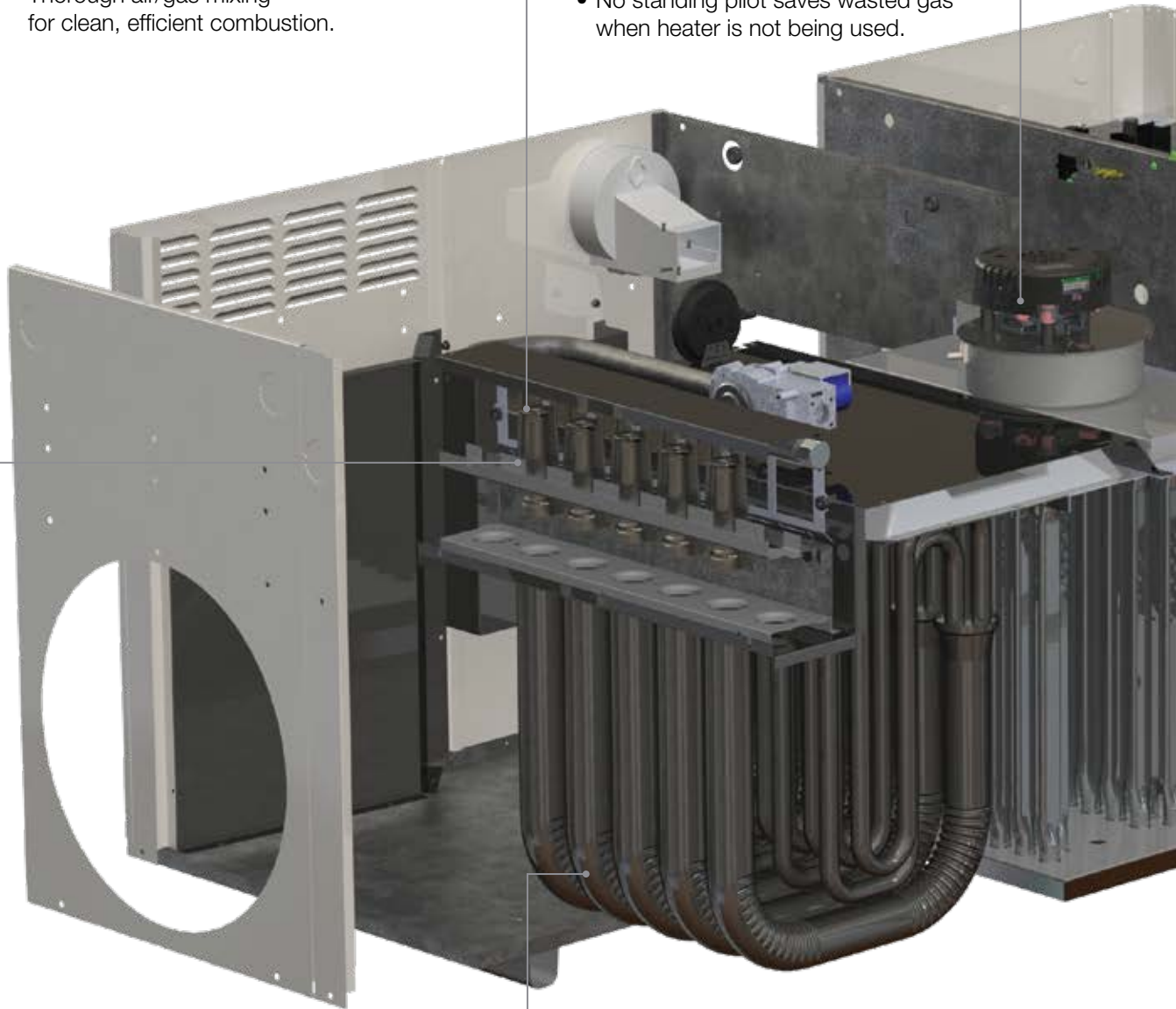
Maximum efficiency with the InShot Burner™

- Thorough air/gas mixing for clean, efficient combustion.



No pilot light ensures the heater works everytime

- Electronic ignition guarantees reliable ignition
- No standing pilot saves wasted gas when heater is not being used.



Flexible installation for all types of homes

- Unit can be safely installed in the roof, under the floor or outside the house^o
- Ducts can be installed in the ceiling or under the floor
- Two-piece configuration means easy installation.



Maximum energy efficiency with Ecostar® Tri-Action™ heat exchanger

- Standard on TQM6 and TQS7 series ducted gas heaters
- Corrosion resistant
- Maximum heat transfer in minimum space.



Whisper quiet operation with variable speed combustion fan

- Combustion fan safely expels all combustion gases outside.



Use less energy with heater output modulation

- The Modulating Gas Control in conjunction with the micro-processor controlled burner, efficiently burns the right amount of gas for any given situation. It can burn from 100% gas rate all the way down to 6% gas rate on our 7 star equivalent* heater range when zoned.#



Australian Gas Association (AGA) tested and certified

- Multi level safety controls standard on all of our ducted gas heaters
- Integrated control system monitors all heater, flame sensor and safety functions.



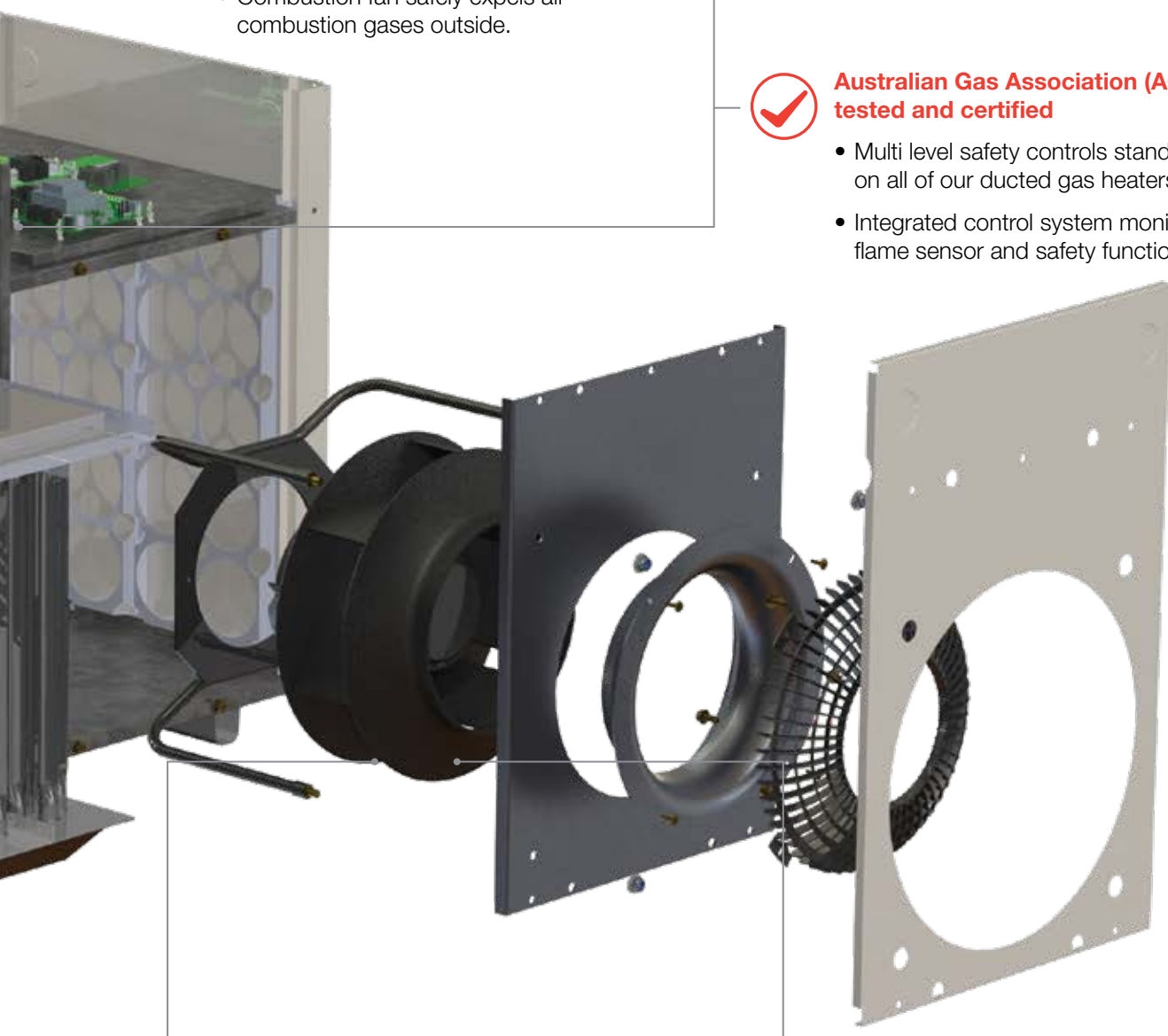
Use less electricity with an Inverter motor

- Australia's **first and only** inverter motor for ducted gas heating, available on the 7 star equivalent* range only
- Designed to distribute warm air via ducts quickly, effectively and discreetly
- Save on running costs.



No cold drafts with Softair™ fan system

- Exclusive to Braemar
- Delivers continuous warm air.



◊Braemar TQS7, Side Service SSQ5 and SSQ4 ranges are only suitable for internal installations. ReBuff TQMD5 and TQD3 ranges are only suitable for external installations.

*Star rating equivalent. Based on Australian Gas Association's results calculated in accordance with the testing methodology in AS/NZS5263.1.6:2016.

#Available on Braemar TQ4/5, SSQ4/5, TQM5/6 and TQS3/4/5/6/7 series ducted gas heaters, but is not available on other models. Subject to correct heater sizing and duct/zone configuration.

7 star equivalent* range

The world's most energy efficient conventional ducted gas heaters!

Boasting Australia's first and only inverter motor for ducted gas heating, Braemar's 7 star equivalent ducted gas heaters have the lowest running costs – by far!



WORLD FIRST

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



INVERTER MOTOR

Australia's first and only inverter motor for ducted gas heating



COST EFFECTIVE

Most energy efficient on the market making it cheaper to run compared to reverse cycle

Ecostar® 7 star 7.0 star equivalent*

- Engineered for ultimate efficiency
- Suitable for internal installations
- Controller options: MagIQtouch® controller^ or MagIQtouch® Radio Frequency controller
- Zoned-heating capable
- Not available with add-on cooling



Model	Series	Stars	Gas rate (MJ/h)	Airflow @ 100 Pa (l/s)	Output (kW)	Length (mm)	Width (mm)	Height (mm)	Duct dia (mm)	Gas type
TQS720 [#]	Ecostar	7.0	75	570	20.0	1165	510	660	350	NG
TQS730 [#]	Ecostar	7.0	100	700	26.6	1165	510	660	350	NG

*Star rating equivalent. Based on Australian Gas Association's results calculated in accordance with the testing methodology in AS/NZS5263.1.6:2016

[#]Internal installation only (in ceiling or under floor) ^Can be Wi-Fi enabled for use with our smart app and smart home integration. Requires MagIQtouch® wall control, MagIQtouch® Wi-Fi smart kit and MagIQtouch® account to operate.

6 star range

Supernova® Super Six

6.8 star equivalent*

Highest star rating equivalent in the 6 star category

- Low running costs
- Controller options: MagIQtouch® controller[^] or MagIQtouch® Radio Frequency controller
- Zoned-heating capable
- Braemar add-on cooling system available for model numbers TQS6X23 and TQS6X32



Model	Series	Stars	Gas rate (MJ/h)	Airflow @ 100 Pa (l/s)	Output (kW)	Length (mm)	Width (mm)	Height (mm)	Duct dia (mm)	Gas type
Super-Six TQS623	Supernova	6.8	88	640	23.5	1150	385	660	300	NG
Super-Six TQS6X23 [◊]	Supernova	6.8	88	755	23.5	1150	385	660	350	NG
Super-Six TQS632	Supernova	6.8	122	935	31.2	1165	510	660	350	NG
Super-Six TQS6X32 [◊]	Supernova	6.8	122	1070	31.2	1165	510	660	400	NG

Ecostar® 6 star

6.3 star equivalent*

- Controller options: MagIQtouch® controller[^] or MagIQtouch® Radio Frequency controller
- Zoned-heating capable
- Braemar add-on cooling system TQM6X23, TQM6X23U, TQM6X32 and TQM6X32U



Model	Series	Stars	Gas rate (MJ/h)	Airflow @ 100 Pa (l/s)	Output (kW)	Length (mm)	Width (mm)	Height (mm)	Duct dia (mm)	Gas type
TQM618	Ecostar	6.3	70	500	17.9	1150	385	660	300	NG
TQM623	Ecostar	6.3	88	640	22.5	1150	385	660	300	NG
TQM6X23 [◊]	Ecostar	6.3	88	755	22.5	1150	385	660	350	NG
TQM6X23U [◊]	Ecostar	6.3	88	755	22.5	1150	385	660	350	Propane
TQM632	Ecostar	6.3	122	935	31.2	1165	510	660	350	NG
TQM6X32 [◊]	Ecostar	6.3	122	1070	31.2	1165	510	660	400	NG
TQM6X32U [◊]	Ecostar	6.3	122	1070	31.2	1165	510	660	400	Propane

[◊]Extra air models are designed to have Braemar add-on cooling system added. [^]Can be Wi-Fi enabled for use with our smart app and smart home integration. Requires MagIQtouch® wall control, MagIQtouch® Wi-Fi smart kit and MagIQtouch® account to operate.

5 star range

Supernova® Super Five

5.9 star

Highest star rating in the 5 star category

- Outstanding efficiency
- Controller options: MagiQtouch® controller^ or MagiQtouch® Radio Frequency controller
- Zoned-heating capable



Model	Series	Stars	Gas rate (MJ/h)	Airflow @ 100 Pa (l/s)	Output (kW)	Length (mm)	Width (mm)	Height (mm)	Duct dia (mm)	Gas type
Super-Five TQS523	Supernova	5.9	88	640	22.5	1150	385	660	300	NG
Super-Five TQS532	Supernova	5.9	122	935	31.2	1165	510	660	350	NG

Ecostar® Non-Condensing 5 star

5.2 star

- Small cabinet for easier installation
- No drain required
- Controller options: MagiQtouch® controller^ or MagiQtouch® Radio Frequency controller
- Zoned-heating capable
- Braemar add on cooling system available for model numbers TQM5X20, TQM5X20U, TQM5X30 and TQM5X30U



Short on space?

Braemar's non-condensing heater is 30% smaller than other five star heaters.



Model	Series	Stars	Gas rate (MJ/h)	Airflow @ 100 Pa (l/s)	Output (kW)	Length (mm)	Width (mm)	Height (mm)	Duct dia (mm)	Gas type
TQM516	Ecostar	5.2	70	475	15.9	770	385	660	300	NG
TQM520	Ecostar	5.2	88	630	20.0	770	385	660	300	NG
TQM5X20 [◇]	Ecostar	5.2	88	695	20.0	770	385	660	350	NG
TQM5X20U [◇]	Ecostar	5.2	88	695	20.0	770	385	660	350	Propane
TQM530	Ecostar	5.2	122	960	27.8	880	510	660	350	NG
TQM5X30 [◇]	Ecostar	5.2	122	1050	27.8	880	510	660	400	NG
TQM5X30U [◇]	Ecostar	5.2	122	1050	27.8	880	510	660	400	Propane

[◇]Extra air models are designed to have Braemar add-on cooling system added. [^]Can be Wi-Fi enabled for use with our smart app and smart home integration. Requires MagiQtouch® wall control, MagiQtouch® Wi-Fi smart kit and MagiQtouch® account to operate.

5 star range

ReBuff™ 5 star

5.2 star

- Pre-fitted with brackets to suit existing supply/return air plenum boxes
- Supplied with a gas inlet pipe to match existing gas supply location
- Controller options: MaglQtouch® controller* or MaglQtouch® Radio Frequency controller
- Zoned-heating capable
- Not available with add-on cooling



Renovating or upgrading?

ReBuff™ is designed to replace Brivis Buffalo and other heater models and brands.



Model	Series	Stars	Gas rate (MJ/h)	Airflow @ 100 Pa (l/s)	Output (kW)	Length (mm)	Width (mm)	Height (mm)	Duct dia (mm)	Gas type
TQMD520 [‡]	ReBuff	5.2	88	490	20.0	770	385	635	n/a	NG
TQMD530 [^]	ReBuff	5.2	122	880	27.8	880	510	650	n/a	NG

Ecostar® Side Service 5 star

5.2 star

- Controller options: MaglQtouch® controller* or MaglQtouch® Radio Frequency controller
- Zoned-heating capable
- Side access – ideal for tight spaces



Side service

Easy access for servicing, ideal for small space installations including ceiling spaces



Model	Series	Stars	Gas rate (MJ/h)	Airflow @ 100 Pa (l/s)	Output (kW)	Length (mm)	Width (mm)	Height (mm)	Duct dia (mm)	Gas type
SSQ520	Ecostar	5.2	88	630	20.0	770	385	660	300	NG
SSQ530	Ecostar	5.2	122	960	27.8	880	510	660	350	NG

[‡]Bracket dimensions to fit existing supply/return air plenum box: 770mm(W) x 395mm(D). Models suitable for external installation only.

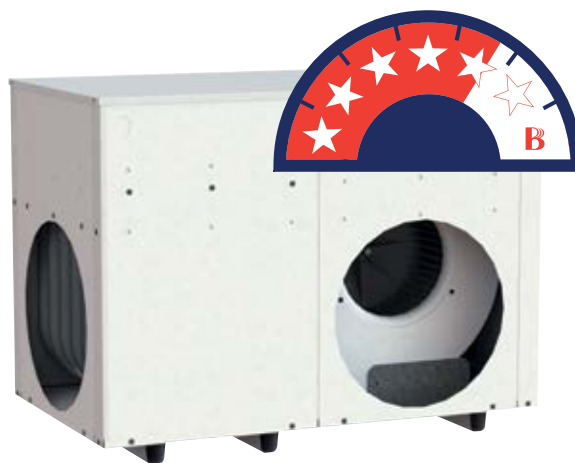
[^]Bracket dimensions to fit existing supply/return air plenum box: 880mm(W) x 565mm(D). *Can be Wi-Fi enabled for use with our smart app and smart home integration. Requires MaglQtouch® wall control, MaglQtouch® Wi-Fi smart kit and MaglQtouch® account to operate.

4 star range

Ecostar® 4 star

4.7 star

- Controller options: MagIQtouch® controller[^] or MagIQtouch® Radio Frequency controller
- Zoned-heating capable
- Braemar add-on cooling system available for model numbers TQ4X20, TQ4X25 and TQ4X30



Model	Series	Stars	Gas rate (MJ/h)	Airflow @ 100 Pa (l/s)	Output (kW)	Length (mm)	Width (mm)	Height (mm)	Duct dia (mm)	Gas type
TQ415	Ecostar	4.7	60	475	14.0	770	385	660	300	NG
TQ420	Ecostar	4.7	80	630	18.0	770	385	660	300	NG
TQ4X20 ^o	Ecostar	4.7	80	695	18.0	770	385	660	350	NG
TQ425	Ecostar	4.7	100	755	23.0	770	385	660	350	NG
TQ4X25 ^o	Ecostar	4.7	100	810	23.0	770	385	660	350	NG
TQ430	Ecostar	4.7	122	960	28.0	880	510	660	350	NG
TQ4X30 ^o	Ecostar	4.7	122	1050	28.0	880	510	660	400	NG
TQ435	Ecostar	4.7	140	1050	32.0	880	510	660	400	NG

Ecostar® Side Service 4 star

4.7 star

- Controller options: MagIQtouch® controller[^] or MagIQtouch® Radio Frequency controller
- Zoned-heating capable
- Side access – ideal for tight spaces



Side service

Easy access for servicing, ideal for small space installations including ceiling spaces



Model	Series	Stars	Gas rate (MJ/h)	Airflow @ 100 Pa (l/s)	Output (kW)	Length (mm)	Width (mm)	Height (mm)	Duct dia (mm)	Gas type
SSQ420	Ecostar	4.7	80	630	18.0	770	385	660	300	NG
SSQ430	Ecostar	4.7	122	960	28.0	880	510	660	350	NG

[^]Can be Wi-Fi enabled for use with our smart app and smart home integration. Requires MagIQtouch® wall control, MagIQtouch® Wi-Fi smart kit and MagIQtouch® account to operate.

3 star range

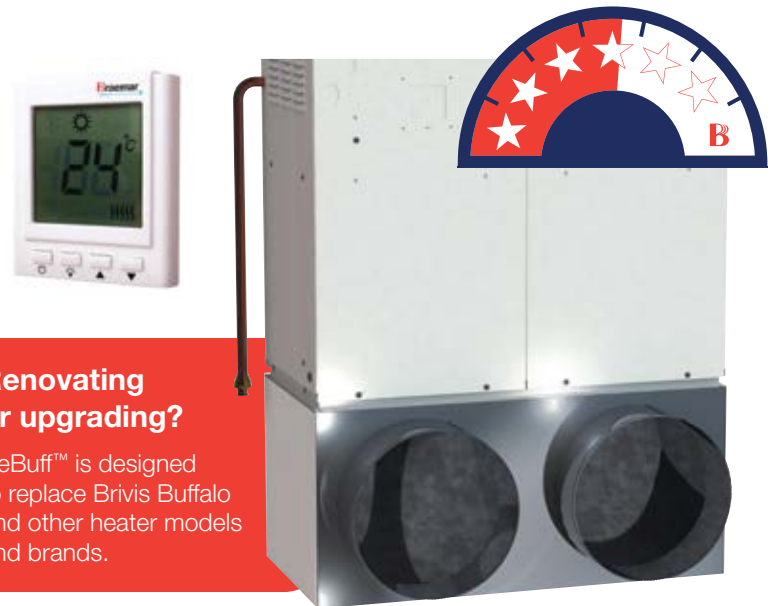
Ecostar® 3 star 3.7 star



- Controller options: Manual controller, MagiQtouch controller* or MagiQtouch® Radio Frequency controller
- Value for money
- Easy to operate
- Proven reliability

Model	Series	Stars	Gas rate (MJ/h)	Airflow @ 100 Pa (l/s)	Output (kW)	Length (mm)	Width (mm)	Height (mm)	Duct dia (mm)	Gas type
TQ315	Ecostar	3.7	60	475	14.0	770	385	660	300	NG
TQ320	Ecostar	3.7	80	630	18.0	770	385	660	300	NG
TQ325	Ecostar	3.7	100	755	23.0	770	385	660	350	NG
TQ330	Ecostar	3.7	122	960	28.0	880	510	660	350	NG

ReBuff™ 3 star 3.7 star



- Controller options: Manual controller, MagiQtouch® controller* or MagiQtouch® Radio Frequency controller
- Pre-fitted with brackets to suit existing supply return air plenum boxes
- Supplied with a gas inlet pipe to match existing gas supply location
- Value for money
- Easy to operate
- Proven reliability
- Not available with add-on cooling



Renovating or upgrading?

ReBuff™ is designed to replace Bravis Buffalo and other heater models and brands.

Model	Series	Stars	Gas rate (MJ/h)	Airflow @ 100 Pa (l/s)	Output (kW)	Length (mm)	Width (mm)	Height (mm)	Duct dia (mm)	Gas type
TQD320‡	ReBuff	3.7	80	490	18.0	770	385	635	n/a	NG
TQD330^	ReBuff	3.7	122	880	28.0	880	510	650	n/a	NG

◊ Extra air models are designed to have Braemar add-on cooling system added.

‡ Bracket dimensions to fit existing supply/return air plenum box: 770mm(W) x 395mm(D). Models suitable for external installation only.

^ Bracket dimensions to fit existing supply/return air plenum box: 880mm(W) x 565mm(D).

* Can be Wi-Fi enabled for use with our smart app and smart home integration. Requires MagiQtouch® wall control, MagiQtouch® Wi-Fi smart kit and MagiQtouch® account to operate.

Add-on cooling for gas heating

The ideal solution for whole of home comfort

Add-on cooling systems are specifically designed to complement a new or existing[^] 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.



[^]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.

Invertair™

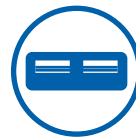
Indoor units – Australia's first and only true inverter add-on cooling system

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 discrete 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 make for best efficiency and the quietest operation.



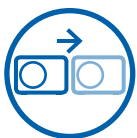
EASY AND FLEXIBLE INSTALLATION

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.

Invertair™

Outdoor units



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.



QUICK AND EASY INSTALLATION

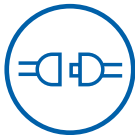
Single drain connection point allows for quick and easy installation.





Fixed speed add-on cooling range

Indoor units



EASY SINGLE POINT CONNECTION

Quick and easy single point duct connection of indoor unit.



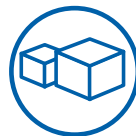
BUILT IN SAFE TRAY

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

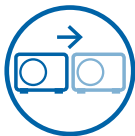
Compact design allows for installation in ceiling or under floor.



10KW TO 23KW CAPACITY UNITS

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

Outdoor units



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.

Invertair™ series

Specifications

Model No.	Indoor unit	SACV10D1S	SACV12D1S	SACV14D1S	SACV16D1S
	Outdoor unit	SCHV10D1S	SCHV12D1S	SCHV14D1S	SCHV16D1S
Capacity	Cooling (kW)	10.00	13.00	14.50	15.50
AEER	W / W (rated)	3.40	3.71	3.72	3.35
Power supply	V / Ph / Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50
Power input	Cooling (kW)	2.90	3.50	3.90	4.62
Indoor unit	Rated airflow (L/s)	550	610	700	1050
	Dimensions (W × H × D), outline (mm)	1280 x 366 x 450	1280 x 366 x 450	1280 x 366 x 450	1442 x 412 x 450
	Net / Gross weight (kg)	23	25	25	30
	Pressure drop dry/wet (Pa)	19/22	27/30	37/40	46/56
Outdoor unit	Sound pressure level (dB(A))	60	60	61	62
	Dimensions (W × H × D) (mm)	1107 x 1100 x 440	1107 x 1100 x 440	1085 x 1365 x 427	1085 x 1365 x 427
	Net / Gross weight (kg)	91 / 100	101 / 111	117 / 128	121 / 133
Refrigerant charge	R410A (kg)	3.5	3.9	4.0	5.5
Pipe	Liquid size (mm)	Ø9.53 (3/8)	Ø9.53 (3/8)	Ø9.53 (3/8)	Ø9.53 (3/8)
	Gas size (mm)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø19.05 (3/4)
	Pre-charge length (m)	7.0	7.0	9.5	9.5
	Additional charge (g/m)	60	60	60	60
	Max distance height / length (m)	15 / 50	30 / 50	30 / 50	30 / 50
Electrical	Indoor to outdoor (mm ²)	2 x 0.75 non-shielded	2 x 0.75 non-shielded	2 x 0.75 non-shielded	2 x 0.75 non-shielded
	Power to outdoor (mm ²)	3 x 4.0	3 x 4.0	3 x 6.0	3 x 6.0
	Power to indoor (mm ²)	3 core plug & cord	3 core plug & cord (supplied)	3 core plug & cord (supplied)	3 core plug & cord (supplied)
	Recommended fuse (amp)	25	25	40	40
Set temp. range	°C	16~30	16~30	16~30	16~30
Ambient temperature range	Cooling (°C)	-15~48	-15~48	-15~48	-15~48

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

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	3.20-10.00-11.00 330-550-650	9	X20, X23
		755		8	X20, X23
SACV12D1S	SCHV12D1S	695	4.00-13.00-13.50 415-610-800	10	X20, X23
		755		10	X20, X23
SACV14D1S	SCHV14D1S	695	6.00-14.50-14.50 470-700-800	10	X23, X25
		755		10	X23, X25
		810		10	X23, X25
SACV16D1S	SCHV16D1S	1050	6.40-15.50-17.00 610-1050-1070	10	X30, X32
		1070		10	X30, X32

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 MaglQtouch® Controller and must be purchased as a package with Braemar ducted gas heating.

Fixed speed add-on cooling series

Specifications

Model No.	Indoor unit	AOCF10C-S	AOCF12C-S	AOCF15C-S	AOCF18C-S	AOCF18C-S	AOCF21C-S	AOCF23C-S
	Outdoor unit	TCCF10C1S	TCCF12C1S	TCCF15C1S	TCCF18C1S	TCCF18C3S	TCCF21C3S	TCCF23C3S
Normal Capacity	Cooling (kW)	10.1	11.8	14.8	17.8	17.8	21.1	23.3
AEER	W / W (rated)	3.49	3.34	3.46	3.52	3.56	3.58	3.46
Power supply	V / Ph / Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	380-415 / 3 / 50	380-415 / 3 / 50	380-415 / 3 / 50
Normal Power input	Cooling (kW)	2.89	3.53	4.27	5.05	4.99	5.89	6.73
Indoor unit	Nominal airflow (L/s)	755	755	935	935	935	1050	1200
	Min~Max airflow (L/s)	400~800	400~800	700~1000	700~1000	700~1000	760~1200	760~1200
	Dimensions (H x W x D) outline (mm)	500 x 685 x 760	500 x 685 x 760	560 x 730 x 815	560 x 850 x 815	560 x 850 x 815	590 x 850 x 945	590 x 850 x 945
	Net / Gross weight (kg)	31/34	31/34	37/41	47/52	47/52	55/61	55/61
	Pressure drop wet/dry(Pa)	69/58	112/74	106/60	87/74	94/74	96/58	113/72
Outdoor unit	Sound pressure level @ 1m (dB(A))	60/56/51	60/56/51	61/58/55	61/58/55	61/58/55	67/60/51	67/60/51
	Dimensions (H x W x D) (mm)	1000 x 1200 x 540	1000 x 1200 x 540	1320 x 1200 x 590	1320 x 1200 x 590	1320 x 1200 x 590	1280 x 1400 x 685	1280 x 1400 x 685
	Net / Gross weight (kg)	97/101	97/101	139/144	143/148	143/148	150/156	157/163
Refrigerant charge	R410A (kg)	3.95	3.85	5.45	7.35	7.15	7.15	8.15
Add refrigerant if over 12m Pipe	Liquid size mm (inch)	Ø9.50 (3/8)	Ø9.50 (3/8)	Ø12.70 (½)	Ø12.70 (½)	Ø12.70 (½)	Ø12.70 (½)	Ø12.70 (½)
	Gas size mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø22.22 (7/8)	Ø22.22 (7/8)
	Pre-charge length (m)	12	12	12	12	12	12	12
	Additional charge (g/m)	50	50	100	100	100	100	100
	Max distance height / length (m)	15/30	15/30	15/30	15/30	15/30	15/50	15/50
Electrical	Running current*	13.1	15.9	21.8	22.6	8.7	11.1	12.0
	Rated current	18.5	21.5	31.0	36.0	12.0	14.5	16.0
	Extreme Condition current**	21.0	24.4	35.2	40.0	13.1	16.1	17.6
	Power to outdoor (mm²)	4.0	4.0	6.0	6.0	2.5	4.0	4.0
	Recommended Circuit breaker (amp)	25	25	40	40	16	20	20
Recommended Set temp. range	°C	20~28	20~28	20~28	20~28	20~28	20~28	20~28
Ambient temperature range	Cooling (°C)	20~43	20~43	20~43	20~43	20~43	20~43	20~43

Note: The above design and specifications are subject to change without notice for product improvement. *Maximum current based on 43°C Ambient and 32°C Indoor. **Extreme condition current when operated at 52°C outdoor ambient temperature.

Indoor unit	Outdoor unit	Nominal airflow l/s @ 100Pa	Nominal capacity Total/sensible (kW)	Nominal AEER	Applicable Braemar extra air ducted gas heaters
AOCF10C-S	TCCF10C1S	755	10.1 / 9.5	3.49	X20, X23
AOCF12C-S	TCCF12C1S	755	11.8 / 10.3	3.34	X23, X25
AOCF15C-S	TCCF15C1S	935	14.8 / 12.0	3.46	X30, X32
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: Note: 4, 5 and 6 star extra air heaters are suitable for add-on cooling.

Evaporative air conditioning with ducted gas heating

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A totally natural form of cooling that delivers 100% fresh air into your home.



ENERGY EFFICIENT

Evaporative cooling is the most energy and cost efficient way to cool your whole home.



LOW RUNNING COSTS

Consumes less power than refrigerated systems.



SUPER WHISPER QUIET

State of the art components like the Stealth® fan make Braemar super quiet to run.



BUILT TO LAST

Permatuf® polymer cabinet is designed to withstand the harshest climates.



POWERFUL WHOLE OF HOME COOLING

Cool your entire home and enjoy alfresco living indoors.

#Note: 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. All previous XA heaters, having the appropriate airflow may also be suitable to the above Invertair and AOC models. Please consult your dealer for further clarification. ^Capacity and AEER is estimated using HPRate™ Version 5 simulation software. †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 your dealer.



Comprehensive warranty

Every single Braemar ducted gas heating unit is made from premium grade materials and supported by a comprehensive factory-backed warranty.

Our industry standard 7 year comprehensive warranty** for residential ducted gas heating also comes with a 10 year heat exchanger and burner warranty.

While our engineering and quality control procedures mean we don't think you'll ever need to use it, our warranty is there for your protection and peace of mind.



Register your warranty and go into the draw to win \$500 worth of prizes*

Prize includes 2 free services (up to the value of \$400) and a \$100 eftpos gift card

All you need is your home owners' manual then:

- Go to seeleyinternational.com and click on the 'Support' tab
- Go to 'Register a product for warranty'
- Have your serial number ready



*Terms and conditions apply. See seeleyinternational.com for more information, including the dates of the promotion

IMPORTANT

Remember to always use qualified, licensed installers who have been trained to install Braemar products. While Seeley International stands by its product quality, a poorly installed product may not operate properly and can even be dangerous. So be sure to buy your product from a reputable dealer (visit seeleyinternational.com/braemar or call **1300 136 515** to find a dealer) and make sure your installer is fully qualified and trained.

**The 7 year comprehensive warranty is available exclusively (i.e. only) if the product is purchased from Seeley International participating dealers. If it is not, then the warranty period, when the product is used for personal, residential household purposes, is 5 years. In commercial applications (when the product is used for keeping people warm), the warranty period is 5 years, and it is 1 year for 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. In the fourth year the service must be performed by Seeley International or its appointed nominee.



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

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