

Braemar – The **ultimate** in natural ducted gas heating





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# **About Braemar**

## When it comes to heating, there's more than 4 degrees of separation between Braemar and all the rest!

Australia and New Zealand's leading gas heating range is proudly manufactured by Seeley International at its factory in Albury, New South Wales. Braemar has been keeping families wonderfully warm for more than 50 years.

Braemar has a long history of developing clever, reliable products that stand apart from all the rest. Today, Braemar is still Australian owned, designed and manufactured.

Because we've been making heaters for so long, our processes are well proven, so you can be confident that the heaters coming out of our factory will work – and work superbly for years.

The Braemar range features three, four, five and six star – and now, the "Super-Six" ducted gas heater\*. This amazing product has increased our dominance in energyefficiency, by more than 50%.

Each heater delivers the product reliability and excellence for which the Braemar brand is renowned.

# Some of Seeley International's many awards...

Ernst & Young Champion of Entrepreneurship, SA/NT Frank Seeley AM FAICD

**BRW Most Innovative Companies List** Number 14

Seeley International

QLD Gas Awards

Winner: Environmentally Sustainable Product Category Braemar world's first six star ducted gas heating range

QLD Gas Awards

Winner: Innovation Category

Braemar world's first five star non-condensing ducted gas heating range

Melbourne Design Awards - Product Design

Housing & Building Awards

Braemar six star ducted gas heating range

Induction into the Family Business Australia Hall of Fame Seelev International

Manufacturers' Monthly 2012 Endeavour Awards Winner: Australian Consumer/Trade Product of the Year Award Braemar six star ducted gas heating range

Australian Design Awards

Winner: Housing and Building Design Award  $^{\text{TM}}$  Good Design Award

Braemar world's first five star non-condensing ducted gas heating range Braemar world's first six star ducted gas heating range

Australian Export Heroes Awards Winner (one of 7 recipients)

Frank Seeley AM FAICD

Advantage SA

Winner: South Australian of The Year Award Frank Seeley AM FAICD

**AIRAH Awards** 

Winner: Award for Excellence in Innovation

Climate Wizard

**Business SA Export Awards** 

Winner: Large Advanced Manufacturer SA

Australian Design Awards

Winner: Housing and Building Design Award™

Manufacturers' Monthly 2011 Endeavour Awards Winner: Australian Consumer/Trade

Product of the Year Award

Climate Wizard

Manufacturers' Monthly 2011 Endeavour Awards Finalist: Australian Industrial Product of the Year Award Climate Wizard

NSW GAS Awards for Excellence

Winner: Industry Category - Environmentally Sustainable Product Braemar ducted gas heating range



















# Braemar - a better kind of warm...

No matter how cold it gets outside this winter, keep your home wonderfully warm with Braemar from Seeley International – Australia and New Zealand's most efficient range of ducted gas heaters.

Ducted gas heating delivers natural whole-of-home heating – so your living areas, bedrooms – even your bathrooms – can be warmed, when you need them to be.

Plus, with our four, five, six star and "Super-Six"\* models, you can upgrade to our Spectrolink Multizone system for even greater flexibility and efficiency.

As well as offering the best range of ducted gas heating, Seeley International has a network of more than 300 experienced dealers, right around Australia and New Zealand. It's important to get the right heating model for your home and your lifestyle, as well as having the heating system designed and installed correctly. When you buy through an approved Seeley International dealer, you benefit from their years of experience and knowledge.

With a reputation for product quality, Braemar heaters are engineered to offer you the most advanced, reliable ducted gas heating systems on the market.

# How does ducted gas heating work?

A ducted gas heating system includes a number of essential components:

- The heater itself;
- Insulated ducts that carry air from and to the heater:
- Vents (also known as grilles or registers) that spread air into individual rooms and return air to the heater; and
- A thermostat.

Ducted gas heaters work by passing cold air over a heat exchanger, which is warmed by gas combustion. The warmed air is then pushed through ducts into the home via a series of vents in the ceiling or floor.

A thermostat is installed in the main living area. This senses the air temperature inside the home and sends a signal to the heater to cycle on, or off, to maintain the desired temperature.

The products of combustion are all discharged safely outside the home, via a flue.



# Customer testimonial

"After having a Braemar wall furnace for 37 years I never contemplated another brand when I looked at ducted gas heating - Braemar you have always been trustworthy and most reliable." - Dawn, Victoria

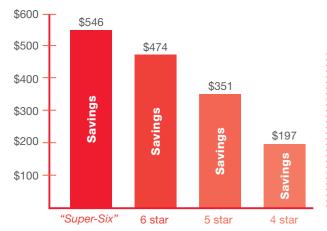
For more testimonials, visit www.braemar.com.au

# Huge savings on running costs and CO<sub>2</sub> emissions

Braemar's "Super-Six" ducted gas heater brings you energy efficiency and savings that are out of this world, but won't cost the earth!

#### Savings per year (running costs)

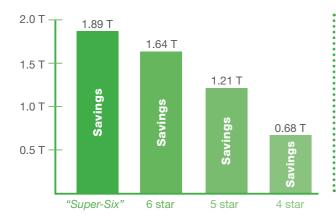
4, 5, 6 star and "Super-Six" ducted gas heaters vs 3 star\*



Installing a "Super-Six"
instead of a three star
ducted gas heater will
save approximately \$546
per year in running costs!

## CO<sub>2</sub> emissions savings per year (tonnes)<sup>+</sup>

4, 5, 6 star and "Super-Six" ducted gas heaters vs 3 star\*



Installing a "Super-Six" instead of a three star ducted gas heater will save 1.89 tonnes of CO<sub>2</sub> per year, which is equivalent to taking a small car off the road for a year!

\*Distribution is limited to supporting dealers.



<sup>\*</sup> Data is based on: • Gas price = 1.6 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 AS4556-2011 • House Heat load – 0.2 MJ/h/m³ – based on AS4556-2011 • Annual Energy Consumption (AEC) for different star rated heaters based on AS4556-2011 • 3.0, 4.0, 5.0, 6.0 star rated ducted gas heating systems.

<sup>^</sup> CO₂ emissions from small car based on: Table 15, "Carbon Emissions from New Australian Vehicles 2011 Information Paper", National Transport Commission Australia • Calculation assumes an annual travel distance of 7900 km/yr.

<sup>+</sup> CO<sub>2</sub> emissions based on Australian Government Department of Climate Change and Energy Efficiency – National Greenhouse Accounts Factors July 2012. **Note** that these figures may vary for individual situations due to variation in factors such as gas price, house size and insulation, heater usage patterns etc.



# The newest stars from Seeley International

Seeley International is delighted to introduce the most energy-efficient conventional ducted gas heater the world has ever seen! The Braemar "Super-Six" has redefined the paradigm for six star ducted gas heating. This incredible new product is the latest "world first" innovation in Braemar's long history of global leadership in innovation and it joins the world's first six star ducted gas heating range and the world's first non-condensing five star ducted gas heating range. Seeley International also offers the exciting new THD and THMD series, that are specially designed to replace some older heater models and brands.

# "Super-Six" ducted gas heaters - the highest efficiency yet\*

Braemar now has the world's most energy-efficient conventional ducted gas heater! Braemar's "Super-Six" TSS623 ducted gas heater offers an efficiency increase which is significantly greater than its closest rival, which is the Braemar THM623 six star model.



## Six star ducted gas heaters – the highest ever efficiency – until the arrival of the "Super-Six"\*

The new Braemar six star range is the first in the world to break the six star barrier. We've cleverly redesigned our heaters so they can now deliver far greater efficiency.

When you consider that each additional star means 10-15% in energy savings, that's big news for the environment and for Australians and New Zealanders. Come and see this fantastic transformational technology for yourself!



## Newest five star range – in compact form

Our latest five star range is non-condensing, which means the heater cabinet is one third smaller than other five star heaters – and that means it's much easier - and therefore cheaper - to install

Other five star heaters need to have drains, so that the condensate created by the heating process can be drained away.

Our new technology means we can now also deliver a five star rating without producing condensate, so there is no need for that drain - so you can save ever more money - and the size of the cabinet can shrink, by one-third.

Now you have an easier, less costly way to get five star efficiency!



#### New THD and THMD series

# - specially designed as replacements for older heater products.

The THD 3 star heater and THMD 5 star heater dimensions fit perfectly into the space used by these old heaters - making installation even quicker and easier! The THD and THMD series come pre-fitted with brackets on the base to suit existing supply/return air plenum boxes. Plus, the heater is



THD 3 star range and THMD 5 star range



Tested in accordance with Australian Standard AS4556

# Product range

The world's most energy-efficient conventional ducted gas heater

# TSS "Super-Six"\* range\*



- - Lowest running costs by far!
  - Zoned-heating capable
  - Softair™ for greater comfort
  - Corrosion-resistant heat

# THM 6 star range\*



- · Very low running costs
- Zoned-heating capable Softair<sup>™</sup> for greater comfort
- Corrosion-resistant heat exchanger

# THMD 5 star range



"With a reputation for product quality, Braemar heaters are

engineered to offer you the most advanced, reliable ducted gas heating systems on the market."

- Replacement for other
- older heater products Outstanding efficiency
- · Very economical to run
- Corrosion resistant heat exchanger
- Easy to operate
- Proven reliability
- Softair<sup>™</sup> for greater comfort

# TH 5 star range



- · Outstanding efficiency
- Very economical to run
- Zoned-heating capable
- Softair™ for greater comfort
- Corrosion-resistant heat exchanger

# THM 5 star non-condensing range



- · Outstanding efficiency · Very economical to run
- Zoned-heating capable
- Softair™ for greater
- comfort Corrosion-resistant

# TH 4 star range



- High efficiency
- Economical to run
- · Zoned-heating capable
- Softair™ for greater comfort

At Braemar, we continually strive to enhance and improve our products. Accordingly, some specifications may change without notice. Please check with your Braemar specialist to ensure that specifications of the selected model meet your requirements expectations.

# THD 3 star range



- Replacement for other older
- heater products
- Value for money • Easy to operate
- Proven reliability
- Softair<sup>™</sup> for greater comfort

## TH 3 star range



- Value for money
- · Easy to operate
- Proven reliability
- Softair™ for greater comfort



# Why is Braemar better?

Engineered for excellence, the Braemar ducted gas heating range has a long list of brilliant benefits for easier and more efficient operation.



# Spectrolink™ controller convenience

The Spectrolink Multizone controller provides you with simple control options over every function of your Braemar ducted gas heating system.

This includes:

- Regulating the temperature and fan speed throughout your home in up to four different temperature zones (zones are optional)
- Temporarily over-riding user-programmed settings
- Automatically turning zones on or off, up to four times each day
- Operating refrigerated integrated cooling or Seeley International evaporative cooling – using a single controller

#### Home/Away setting

Sometimes things change – for example, you are home on a day that you would normally be at work. With the Home/Away button, you can temporarily override your standard settings – suspend the normal program cycle, switch the heating on or off earlier than usual or change zone settings – all with one simple press of a button.

You don't need to reprogram anything – another press of the Home/Away button will return the system to its previous settings.



### InShot Burner™

The InShot Burner™ shapes the flame for maximum heat, minimising gas wastage for higher efficiency. The burners are made of long-life aluminised steel, reducing maintenance requirements.

#### Combustion inducer fan

Using leading-edge bearing, motor-cooling and speed control technologies, Braemar's combustion inducer fan draws all combustion gases through the heat exchanger and expels them safely outdoors. It's designed for ultra-safe, quiet operation.

### Electronic ignition

Microprocessor controlled electronic ignition eliminates the need for a pilot light. It manages the gas ignition system and the fan controller system, ensures dependable ignition and monitors all heater, flame sensor and safety functions.

### Softair™ fan system

Exclusive to Braemar, the Softair™ function delivers continuous warm air and ensures no cold draughts.

## Ecostar Tri-Action™ heat exchanger

This comes standard on all TH5 five star and THM6 six star heaters delivering maximum heat transfer in minimum space, it features a "no-weld" tubular design for maximum durability and long-life corrosion-resistant construction.

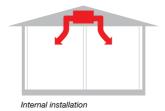
#### Multi-level safety controls as standard

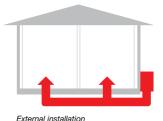
We don't just care about keeping you warm – we care about keeping you safe, too. That's why all Braemar heaters have numerous layers of safety points to protect you at all times.

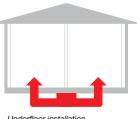
#### Heater output modulation

With Braemar's clever combination of step-modulating gas control, and micro-processor controlled burner cycling, the heater output can reduce down to as low as 6% of its maximum, when heating single small areas of the home (in zoned systems, or when the outside temperature increases)\*.

\*Braemar TH4/5 and THM5/6 series ducted gas heaters, subject to correct heater sizing and duct/zone configuration.







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#### Flexible installation

With Braemar ducted gas heating, you can install the heater in the roof, under the floor, or outside the house, with ducts in the ceiling or under the floor.

#### Easier installation

Seeley International's two-piece heater has been a runaway hit! This modular construction means the heaters are much easier to install. In many cases, they can be put into the ceiling space via the manhole – without the cost of making a hole in the roof to get the heater in.

Also, the heater cabinet is specially designed for a quick-change panel arrangement. Your installer can interchange the panels to suit various inlet and outlet requirements.



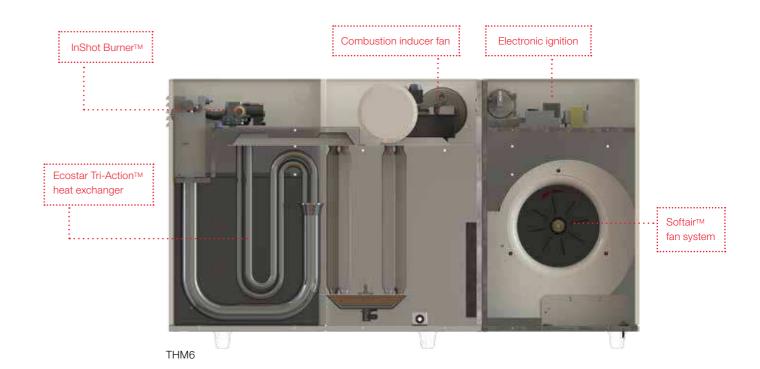
#### Quiet heating

Braemar is designed to work as quietly as possible, by distributing warm air via a series of ceiling or floor ducts – quickly, effectively and without fuss.

#### **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 braemar.com.au or call 1300 360 815 to find a dealer) and make sure your installer is fully qualified and trained.





12 | BRAEMAR DUCTED GAS HEATING



# Zoning options

Braemar ducted gas heating offers two zoning options:

- Standard zoning, with a single Spectrolink controlling a common zone, plus up to four additional zones.
- Spectrolink Multizone zoning, with a separate Spectrolink controller in each of up to four zones, allowing you to have different temperatures, and different user-programmed automatic operating times, in each zone.

## Standard zoning

With standard zoning, one Spectrolink controller manages a common zone, as well as up to four additional zones. Heating can be turned on or off in each of the zones – great for saving money by not heating areas you aren't using.

# Spectrolink Multizone, for outstanding control and efficiency

If you're looking for even greater efficiency, you can upgrade to the Spectrolink Multizone system (upgrades are available with all four, five, six star and "Super-Six" systems). Remember that it's easier and more-cost effective to do this when the system is first installed.

With this clever zoning option, you can have different temperatures in up to four separate zones. So the living areas can be warmer than the bedrooms – and you can even switch zones off completely, saving money. Each zone has its own Spectrolink controller (hardwired to the wall), giving you total control over the individual comfort levels throughout your home.

If you're interested in upgrading to Spectrolink Multizone, we recommend talking to your experienced Seeley International dealer. They will work with you to plan the zoning system so it best suits your needs and lifestyle.



# Braemar integrated cooling systems



"SACC" models up to 45% smaller than the "U" series models, and now, the largest capacity in the nation.

Cooling systems specifically designed to complement your new or existing\* Braemar gas heating system, for year round comfort.

The Braemar "U" & "SACC" Series integrated coolers are the leaders in MEPS compliance, and are specifically designed, tested and registered in the 'cool only' category in Australia.



## Braemar heating has found its perfect match

Australians and New Zealanders have been coming home to the wonderful warmth of Braemar ducted gas heating for more than 50 years, and Braemar Ecostar is Australia and New Zealand's most efficient range of ducted gas heaters.

But now, you can be comfortable all year round with Braemar's integrated cooling system. This system is specially designed to use the same ductwork and grilles as Braemar ducted gas heating - which makes installation and operation so much easier. You can use Braemar integrated cooling with existing\* Braemar ducted gas heating systems, as well as new installations. Ask your dealer for details.

#### One heater, one cooler, one control

You can have year round heating and cooling, using one controller - the Braemar Spectrolink Comfort Control. All Braemar four, five, six star and "Super-Six" ducted gas heating systems offer you the ability to heat up to four different zones to different temperatures.

Now, using the new Braemar TH4, TH5, THM5, THM6 or TSS6 Star Extra Air series ducted gas heater with Braemar integrated cooling, you can have different cooling temperatures in up to four different zones, too. You can even choose to just cool one zone\*\* enhancing your comfort and helping to reduce your power bills.

Braemar integrated cooling units are compact, economical to run and use R410A refrigerant, which is less harmful to the environment than the more commonly used R22 refrigerant.

## "U" & "SACC" Series specifications

| Indoor Unit | Outdoor Unit | Nominal Air Flow<br>(I/s @ 100Pa) | Nominal Capacity<br>(kW) <sup>+</sup> | Nominal<br>AEER^ | Applicable Braemar Ducted Gas Heaters             |
|-------------|--------------|-----------------------------------|---------------------------------------|------------------|---|
| U3509A      | U3009A       | 630                               | 8.8                                   | 3.278            | TSS6X23, THM6X23, THM5X20, TH5X23, TH4X20, TH3X20 |
| SACC11C-S   | BC11A        | 755                               | 10.8                                  | 3.339            | TSS6X23, THM6X23, TH5X23, TH4X25, TH3X25          |
| SACC15C-S   | SCHF15C1S    | 935                               | 14.5                                  | 3.467            | THM6X32, THM5X30, TH5X32, TH4X30, TH3X30          |
| SACC18C-S   | BC183A       | 935                               | 17.1                                  | 3.192            | THM6X32, THM5X30, TH5X32, TH4X30, TH3X30          |
| U3521A      | U30213A      | 1050                              | 20.0                                  | 3.321            | THM6X32, THM5X30, TH5X32, TH4X30, TH3X30          |
| U3521A      | BC253A       | 1050                              | 24.0                                  | 3.246            | THM6X32, THM5X30, TH5X32, TH4X30, TH3X30          |

<sup>+</sup>Rated capacity in accordance with AS/NZS 3823.1.2.

## Choices to suit you

There are six models of Braemar integrated cooling, delivering 630 to 1050 litres per second of nominal airflow and a rated capacity of 8.8 kW to 20.0 kW (as shown in table below).

## Backed by the strength of Seeley International

Like all Braemar products, Braemar integrated cooling systems are backed by Seeley International's renowned service and support. With a network of expert dealers and service agents throughout Australia and New Zealand, you can be confident that, when you buy a Seeley International product, you are buying excellence, reliability and super-efficiency in which you can absolutely trust.



outdoor unit



# so clever, so quiet, so cool

- The right choice for the environment
- Fresh, healthy air
- High energy efficiency
- Low running costs
- Whisper-quiet cooling
- Environmental benefits
- Whole of home cooling
- So easy to use
- Trusted Australian company
- Built to out-last
- Superb engineering
- Elite Seeley International dealership network

For more details about Braemar evaporative cooling, visit

or ask your Seeley International dealer.

braemar.com.au

<sup>^</sup>AFFR is net and includes input power calculation for IFM

<sup>\*</sup> Applicable to installations where airflow requirements and duct design are suitable. \*\* Available on Extra Air models manufactured after January 2011 Only available with the Spectrolink controller. \*Distribution is limited to supporting dealers.

# Features and benefits



| Features/benefits                                | "Super-Six" | 6 star   | 5 star   | 4 star   | 3 star   |
|--|-------------|----------|----------|----------|----------|
| Spectrolink™ controller*                         | √ √         | √ √      | √ otai   | √ viai   | √        |
| Manual digital                                   | -           |          | -        | •        | <i>✓</i> |
| Optional zoning up to four areas                 | <b>√</b>    | <b>√</b> | <b>✓</b> | <b>√</b> |          |
| Multiple temperature control (with zoning)       | · ✓         | ✓        | ✓        | · ✓      |          |
| Multiple controls                                | ✓           | <b>√</b> | <b>✓</b> | <b>√</b> |          |
| Home and Away function                           | · ✓         | ✓        | · ✓      | · ✓      | ✓        |
| Flexible operation (run at 25% of full capacity) | <b>√</b>    | <b>√</b> | <b>√</b> | <b>✓</b> |          |
| Programmable settings                            | ✓           | ✓        | ✓        | ✓        | ✓        |
| Manual operation                                 | ✓           | <b>√</b> | <b>√</b> | <b>√</b> | <b>√</b> |
| Softair™ function                                | ✓           | ✓        | ✓        | <b>✓</b> | ✓        |
| 10 fan speed settings                            | <b>√</b>    | ✓        | ✓        | ✓        |          |
| Thermostatically controlled                      | <b>√</b>    | ✓        | ✓        | ✓        | ✓        |
| Colorbond <sup>®</sup> cabinet                   | <b>√</b>    | ✓        | ✓        | ✓        | ✓        |
| Internal models                                  | ✓           | ✓        | ✓        | ✓        | ✓        |
| External models                                  | ✓           | ✓        | ✓        | ✓        | ✓        |
| Inshot burner                                    | ✓           | ✓        | ✓        | ✓        | ✓        |
| Technologically advanced heat exchanger          | <b>√</b>    | ✓        | ✓        | ✓        | ✓        |
| Single point ignition                            | ✓           | ✓        | ✓        | ✓        | ✓        |
| Self diagnostics                                 | ✓           | ✓        | ✓        | ✓        | ✓        |
| Operate cooling                                  | ✓           | ✓        | ✓        | ✓        | ✓        |
| Back-lit controller                              | ✓           | ✓        | ✓        | ✓        | ✓        |
| Electronic ignition                              | ✓           | ✓        | ✓        | ✓        | ✓        |
| Electronic flame sensing                         | ✓           | ✓        | ✓        | ✓        | ✓        |

- ✓ Benefits available with all controllers
- √ 3 star product benefits only available with Spectrolink Multizone Controller

\*Spectrolink controller has reduced functionality on 3 star units



Manual digital controller



Spectrolink controller

# Specifications

| Model                | D      | imensior | 18     | Weight Rating Cap |       | Capacity | Airf       | low        |                        | Output | Controll       | er type     | Gas Ty |
|----------------------|--------|----------|--------|-------------------|-------|----------|------------|------------|------------------------|--------|----------------|-------------|--------|
|                      | Length | Width    | Height |                   |       |          | Standard   | Extra Air* | Supply and return duct |        | Manual digital | Spectrolink |        |
|                      | mm     | mm       | mm     | kg                | Stars | MJ/hr    | litres/sec | @100Pa     | Diameter mm            | kW     |                |             | NG     |
| TSS623               | 1150   | 385      | 660    | 63                | 6.0   | 88       | 640        | -          | 300                    | 23.5   | -              | standard    | NG     |
| TSS6X23              | 1150   | 385      | 660    | 63                | 6.0   | 88       | -          | 755        | 350                    | 23.5   | -              | standard    | NC     |
| THM618               | 1150   | 385      | 660    | 58                | 6.0   | 70       | 500        | -          | 300                    | 17.9   | -              | standard    | N      |
| THM623               | 1150   | 385      | 660    | 61                | 6.0   | 88       | 640        | -          | 300                    | 22.5   | -              | standard    | NG/pro |
| THM6X23              | 1150   | 385      | 660    | 61                | 6.0   | 88       | -          | 755        | 350                    | 22.5   | -              | standard    | NG/pro |
| THM632               | 1165   | 510      | 660    | 73                | 6.0   | 122      | 935        | -          | 350                    | 31.2   | -              | standard    | NG/pro |
| THM6X32              | 1165   | 510      | 660    | 73                | 6.0   | 122      | -          | 1070       | 400                    | 31.2   | -              | standard    | NG/pro |
| THM516               | 770    | 385      | 660    | 47                | 5.2   | 70       | 475        | -          | 300                    | 15.90  | -              | standard    | N      |
| THM520               | 770    | 385      | 660    | 50                | 5.2   | 88       | 630        | -          | 300                    | 20.0   | -              | standard    | NG/pro |
| THM5X20              | 770    | 385      | 660    | 51                | 5.2   | 88       | -          | 695        | 350                    | 20.0   | -              | standard    | NG/pro |
| THM530               | 880    | 510      | 660    | 70                | 5.2   | 122      | 960        | -          | 350                    | 27.8   | -              | standard    | NG/pro |
| THM5X30              | 880    | 510      | 660    | 70                | 5.2   | 122      | -          | 1050       | 400                    | 27.8   | -              | standard    | NG/pro |
| TH516                | 1150   | 385      | 660    | 58                | 5.6   | 60       | 500        | -          | 300                    | 16.0   | -              | standard    | NG/pro |
| TH523                | 1150   | 385      | 660    | 61                | 5.6   | 88       | 640        | -          | 300                    | 23.0   | -              | standard    | NG/pr  |
| TH5X23               | 1150   | 385      | 660    | 61                | 5.6   | 88       | -          | 755        | 350                    | 23.0   | -              | standard    | NG/pr  |
| TH532                | 1165   | 510      | 660    | 72                | 5.6   | 122      | 935        | -          | 350                    | 32.0   | -              | standard    | NG/pro |
| TH5X32               | 1165   | 510      | 660    | 72                | 5.6   | 122      | -          | 1070       | 400                    | 32.0   | -              | standard    | NG/pr  |
| THMD516 <sup>+</sup> | 770    | 385      | 635    | 47                | 5.2   | 70       | 440        | -          | N/A                    | 15.9   | -              | standard    | N      |
| THMD520 <sup>+</sup> | 770    | 385      | 635    | 50                | 5.2   | 88       | 490        | -          | N/A                    | 20.0   | -              | standard    | N      |
| THMD530 <sup>^</sup> | 880    | 510      | 650    | 70                | 5.2   | 122      | 880        | -          | N/A                    | 27.8   | -              | standard    | N      |
| TH415                | 770    | 385      | 660    | 47                | 4.7   | 60       | 475        | -          | 300                    | 14.0   | -              | standard    | NG/pr  |
| TH420                | 770    | 385      | 660    | 50                | 4.7   | 80       | 630        | -          | 300                    | 18.0   | -              | standard    | NG/pro |
| TH4X20               | 770    | 385      | 660    | 51                | 4.7   | 80       | -          | 695        | 350                    | 18.0   | -              | standard    | NG/pr  |
| TH425                | 770    | 385      | 660    | 54                | 4.7   | 100      | 755        | -          | 350                    | 23.0   | -              | standard    | NG/pr  |
| TH4X25               | 770    | 385      | 660    | 54                | 4.7   | 100      | -          | 810        | 350                    | 23.0   | -              | standard    | NG/pr  |
| TH430                | 880    | 510      | 660    | 70                | 4.7   | 122      | 960        | -          | 350                    | 28.0   | -              | standard    | NG/pr  |
| TH4X30               | 880    | 510      | 660    | 70                | 4.7   | 122      | -          | 1050       | 400                    | 28.0   | -              | standard    | NG/pr  |
| TH435                | 880    | 510      | 660    | 70                | 4.7   | 153      | 1050       | -          | 400                    | 35.0   | -              | standard    | N      |
| TH315                | 770    | 385      | 660    | 47                | 3.7   | 60       | 475        | -          | 300                    | 14.0   | standard       | optional    | N      |
| TH320                | 770    | 385      | 660    | 50                | 3.7   | 80       | 630        | -          | 300                    | 18.0   | standard       | optional    | N      |
| TH3X20               | 770    | 385      | 660    | 51                | 3.7   | 80       | -          | 695        | 350                    | 18.0   | standard       | optional    | N      |
| TH325                | 770    | 385      | 660    | 54                | 3.7   | 100      | 755        | -          | 350                    | 23.0   | standard       | optional    | N      |
| TH3X25               | 770    | 385      | 660    | 54                | 3.7   | 100      | -          | 810        | 350                    | 23.0   | standard       | optional    | N      |
| TH330                | 880    | 510      | 660    | 70                | 3.7   | 122      | 960        | -          | 350                    | 28.0   | standard       | optional    | N      |
| TH3X30               | 880    | 510      | 660    | 70                | 3.7   | 122      | -          | 1050       | 400                    | 28.0   | standard       | optional    | N      |
| THD315 <sup>+</sup>  | 770    | 385      | 635    | 47                | 3.7   | 60       | 440        | -          | N/A                    | 14.0   | standard       | optional    | N      |
| THD320 <sup>+</sup>  | 770    | 385      | 635    | 50                | 3.7   | 80       | 490        | -          | N/A                    | 18.0   | standard       | optional    | N      |
| THD330^              | 880    | 510      | 650    | 70                | 3.7   | 122      | 880        |            | N/A                    | 28.0   | standard       | optional    | N      |

- \* Extra air models are designed to have Braemar integrated refrigerated cooling added.

  + Bracket dimensions to fit existing supply/return air plenum box for THD315/20 and THMD516/20 models: 770mm (W) x 395mm (D).

  ^ Bracket dimensions to fit existing supply/return air plenum box for THD330 and THMD530 models: 880mm (W) x 565mm (D).

# 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 5 year general warranty for ducted gas heating includes both residential and commercial applications (when the product is used for warming people).

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.







#### **SEELEY INTERNATIONAL**

Seeley International is Australia's largest air conditioning and ducted gas heating manufacturer and a global leader in developing ingenious, energy-efficient cooling and heating products.

Our vision is to lead the world in creating climate control solutions which continue to be highly innovative, of premium quality and inspirational in their delivery of energy-efficiency.

But it's more than just a vision... it's a way of life!

A commitment to innovation and excellence is at the heart of all that we do. Our success in delivering on that commitment has been recognised by our many awards and our expanding global presence. Seeley International now exports to more than 120 countries. Not bad for a company that started out in 1972 in the garage of its founder and Executive Chairman, Frank Seeley AM FAICD, who was named South Australian of the Year for 2011!

















\*Haier air conditioning products are proudly distributed by Seeley International throughout Australia.

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

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