Braemar – exclusive heating and cooling range for new homes of distinction

Braemar®
HEATING COOLING

SEELEY INTERNATIONAL

Seeley International brings you the world’s best combined heating and cooling ranges, under the iconic Braemar brand, which has been synonymous with quality, reliability and energy efficiency throughout Australia, for well over half a century, and all backed by Seeley International’s comprehensive network of specialised dealers and service agents – so you get the best possible local support throughout the sales process, and way, way beyond.

At Seeley International, we aim to inspire – through product innovation, product and service excellence, superb energy efficiency and reliability.

For four decades, Seeley International has supplied heating and cooling products to some of Australia’s leading builders. We provide the best products available, backed by the best after-sales service and support in the industry.

You'll be so glad that you chose Braemar from Seeley International.

Braemar Heating

Braemar’s multi-award winning gas heating range includes ducted gas heating, wall furnaces and space heaters. Gas heating is becoming more popular, as electricity prices rise and customers choose natural, instant warmth.

Braemar's ducted gas systems are designed to be easier and faster to install – their two-piece construction makes it so simple to get heaters into roofspaces and other hard-to-access places.

With a wide range of safety and convenience benefits, Braemar has the most energy-efficient range of ducted gas heaters available.

Now, Seeley International has an exclusive range of Braemar ducted gas heaters, specially designed for builders of homes of distinction. This exclusive range features three-star, galvanized units for internal installation. There are extra air options available, as well as choices for upgrading.

Braemar Evaporative Cooling

Braemar evaporative cooling is a household name for evaporative cooling in Australia. Designed and made in Australia, for Australian conditions, Braemar coolers have a reputation as tough, reliable out-performers.

Also, Braemar evaporative cooling systems are easy to install and super-reliable. As with all Seeley International products, Braemar evaporative coolers are backed by the strength of Seeley International’s exceptional network of dealers and service agents throughout Australia and New Zealand.

Seeley International has an exclusive range of Braemar coolers, specially crafted for the builders of homes of distinction.

Braemar integrated refrigerated cooling

Seeley International also offers Braemar add-on cooling to go with Braemar ducted gas heating, for year round comfort – using one controller for both heating and cooling. This integrated cooling system is designed to use the same ductwork and grilles as Braemar ducted gas heating – making installation and operation easier.

Braemar hi-wall splits

Hi-wall splits are one of the world’s most popular forms of air conditioning and Seeley International is proud to offer Braemar hi-wall splits in Australia and New Zealand. Known for their innovation and reliability, these superb refrigerated air conditioning systems are backed by Seeley International’s exceptional network of dealers and service agents across both nations.

Support

Seeley International operates to the ISO9001-2000 Quality System and has robust and proven quality control processes in place. We offer free sales and installation product training for our dealers, to enable them, together with their installers, to get the best results out of all of our products.

We also provide competitive warranties and rock-solid product and service support. All warranty claims are undertaken by Seeley International's certified service agents.

Want to know more?

Contact your local sales representative or visit the website – **braemar.com.au**

Braemar Ducted Gas Heating

Australia's best whole of home heating – exclusive range for new homes of distinction

Australians have been coming home to the wonderful warmth of Braemar for well over 50 years.

Designed and made right here in Australia, in our Albury factory, Braemar ducted gas central heating leads the market and is renowned for its reliability and incredible energy efficiency. Not only do customers love the product, but installers do too – its two-piece cabinet construction makes installation just **so** much easier. Also, its quality and production engineering ensure far fewer customer issues.

Why are so many Australians switching to natural gas?

- Gas heating keeps performing consistently, no matter how cold it gets outside – unlike some other options; and
- Gas heating doesn't dry out skin and eyes like other forms of heating.

The InShot burner shapes the flame for optimum efficiency

Some of the many benefits of Braemar natural gas heating include:

- Numerous safety features, including no naked flames or exposed hot surfaces, as well as the combustion inducer fan that expels all combustion gases outdoors;
- Microprocessor-controlled electronic ignition that eliminates the need for a pilot light and ensures dependable ignition, as well as monitoring all heater, flame sensing and safety functions;
- All Braemar heaters are made from premium grade materials and are developed under the most stringent engineering and quality control processes;
- All Braemar products are supported by a comprehensive factory-backed warranty;
- The heaters are easy to operate and offer excellent value for money;
- The Softair™ fan system, which means that there are no cold draughts, just continuous warm air; and
- The InShot Burner™ that facilitates maximum heat and minimum gas wastage, through long-life aluminized burners.

Now, Braemar has an exclusive range of specially designed heaters for new homes of distinction. This range features seven three-star models ranging from 15kW to 30kW – three with extra air versions. These BM models have galvanized cabinets (suitable for internal installations only) and come with a manual controller (upgradable to the Spectrolink controller for an extra cost).

Model	Dimensions			Weight	Rating	Capacity	Airflow			Output	Controller type	
	Length	Width	Height				Standard	Extra Air	Supply and return duct		Manual digital	Spectrolink
	mm	mm	mm	kg	Stars	MJ/hr	litres/sec	@100pa	Diameter	kW		
BM315	770	385	660	47	3.7	60	475	-	300mm/12"	14	optional	optional
BM320	770	385	660	50	3.7	80	630	-	300mm/12"	18	optional	optional
BM3X20	770	385	660	51	3.7	80	-	695	350mm/14"	18	optional	optional
BM325	770	385	660	54	3.7	100	755	-	350mm/14"	23	optional	optional
BM3X25	770	385	660	54	3.7	100	-	810	350mm/14"	23	optional	optional
BM330	880	510	660	70	3.7	122	960		350mm/14"	28	optional	optional
BM3X30	880	510	660	70	3.7	122	-	1050	400mm/16"	28	optional	optional

Ducted gas heating upgrade options

Higher-efficiency heaters

If your customers are looking for even more efficient whole-of-home heating options, the Braemar ducted gas central heating range is Australia's most efficient. The range features three, four, five and six star models, including the world's first six star and non-condensing five star ducted gas heating series.

The Braemar ducted gas heating range includes:

- Colorbond cabinet finish for internal or external installation;
- The option to zone up to four areas;
- Home and Away function (when you change your usual routine, you don't have to change your Spectrolink controller heater program);
- 10 fan-speed settings; and
- The option to pair with Braemar Integrated Cooling, using the same controller and ductwork as the heating system.

Spectrolink Comfort Controller

You can upgrade to the Spectrolink Comfort Controller (SCC), even with a three star heating system (although it has even greater functionality with the four and five star systems).

This clever controller is fully programmable and offers fingertip control over every function of the ducted gas heating system. It controls both heating and cooling functions, whether the cooling is the Braemar Integrated Cooling or evaporative cooling, as well as supporting the Home and Away function.

Four Star

Non-condensing Five Star

Six Star

Spectrolink Comfort Controller

Manual Controller

Braemar Evaporative Cooling

Australia's best evaporative cooling – exclusive range for new homes of distinction

Seeley International was the first company in the world to develop an all-plastic evaporative cooler – now the industry standard – and still leads in developing the world's most energy-efficient, reliable evaporative cooling products. The new Braemar range retains key features of Seeley's tried and tested coolers, but is specially tailored for new homes of distinction.

Braemar evaporative cooling offers:

- Proven reliability
- Easy operation
- Easy maintenance
- Low running costs
- Easy installation
- Whole of home cooling
- Long life – corrosion-free cabinet

Clever Braemar features include:

- Powerful Tornado® pump, which has a higher capacity and lasts at least three times longer than less-efficient conventional pumps
- Auto Weather Seal™ means reduced draughts in winter
- Chillcel pads, specially-designed and made by Seeley International for long life and high-performance, as well as greater energy-efficiency
- Easy to set and use controller (available separately)
- Available in three popular colours to complement modern design – Slate Grey, Terracotta and Beige

Why evaporative cooling?

- Incredibly cheap to run
- Easier and cheaper to install than ducted refrigerated air conditioning
- 100% fresh air – no stale recycled air
- Windows and doors can stay open
- Replaces all the air in the home every two minutes (also drives out odours and stale air)
- Doesn't dry out the eyes, skin or plants
- Quiet running means a good night's sleep
- No harmful refrigerants

Look at the...

...cooling power of Braemar®

Cooling Performance in kW

Meridian Laboratories, NATA accredited laboratory

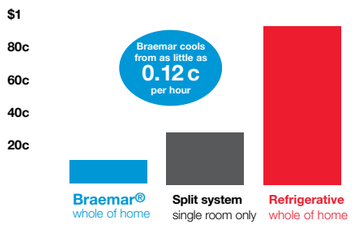
Model	Nominal Motor Power (W)	Claimed kW of Cooling	Actual kW of Cooling*
BM500	340	7.7	7.7
BM750	430	9.1	9.1
BM900	600	13.4	13.4
BM1150	750	14.1	14.1

The above analysis was drawn from Meridian Laboratories 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, when room temperature is 27.4°C.

...savings with Braemar®

Hourly running cost (Electricity)

Sustainable Energy Victoria "Choosing a cooling system", **Nov 2002**



Bushfire Attack Level (BAL) rating and Building Code of Australia compliance

Seeley International's evaporative air conditioners can be fitted with auto-seal closers and ember screens, to help prevent ember attack.

Firewall Auto-seal

When fitted with the Firewall Auto-seal, all residential Seeley International evaporative coolers comply with BAL-LOW through to BAL-29 (AS3959) and the Building Code of Australia.

The Firewall Auto-seal is a metal isolating flap that meets the requirements of AS3959. These closers are to be used in AS3959 compliant droppers.

Fully open

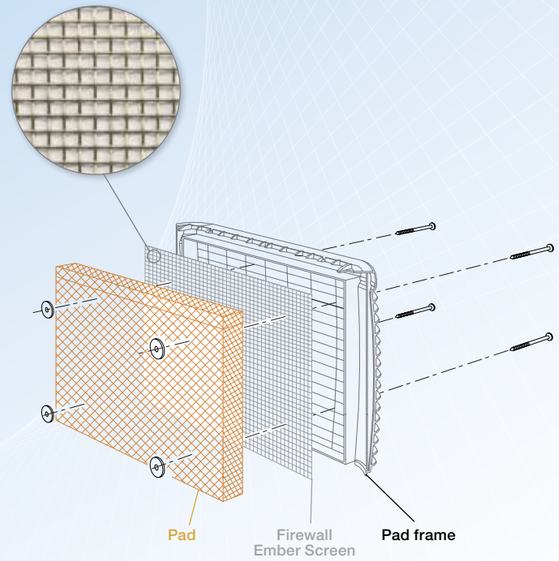
Half open

Firewall ember screen

Seeley International also offers Firewall Ember Screens, which are made of non-combustible mesh, with a maximum aperture of 2mm and can be fitted into the existing cooler pad frames, to help guard against ember attack.

Both the Firewall Auto-seal and Ember Screens have been designed to minimise any reduction in airflow – in fact, our tests show that the screens reduce air flow by only 5%. When both the screens and closer are used, airflow reduction is only 15%. (Be sure to consider this when selecting the appropriate sized cooler for installations in bushfire prone areas, as well as using appropriate cooler placement and ducting size and layout.)

Remember that, if ember screens are installed, more regular servicing may be required in order to remove any material that may build up in the screen.



Braemar Integrated Cooling

Braemar now offers a range of integrated refrigerated cooling options, designed to be installed with Braemar ducted gas heating – for year-round heating and cooling comfort.

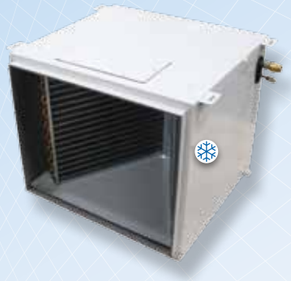
Both heating and cooling systems use the same ductwork and grilles – and can be operated from the one Spectrolink Multizone controller.

Note that Braemar integrated coolers must be paired with a Braemar extra air heater. There are three models of Braemar integrated cooling, delivering 840 to 1,060 litres per second of nominal airflow.

Braemar integrated cooling units are compact, economical to operate, and use R410A refrigerant, which is less harmful to the environment than some other refrigerants.

Heater Model	Indoor Coil	Outdoor Unit	Nominal Air Flow	Rated Capacity
BM3X20	Y3500	Y3000	700 l/s	11.5 kW
BM3X25	Y3510	Y3010	820 l/s	14.2 kW
BM3X30	Y3520	Y3020	1060 l/s	18.0 kW

Indoor Coil Y3500



Braemar ducted gas heater BM3X20

Outdoor Unit Y3510

Space heaters and wall furnaces

If you want to heat a smaller area, where ducted heating systems are not appropriate, the Braemar range also features space heaters and wall furnaces.

The Braemar space heater range features two flued models – the SH18 and SH25 – both highly energy-efficient at 4.8 stars. They are easy to install and don't take up much space, making space heating an attractive and practical heating option for rooms or living areas. Available with a remote control or rear register kit, the space heaters offer a great range of safety and performance features.

Easy to use and easy to install, Braemar's slim line WF25 and WF30 wall furnaces are another stylish and highly efficient option for heating spaces up to 90m².

The space heater and wall furnace ranges are also backed by Seeley International's proven manufacturing processes and factory-backed warranty.

For more information about the Braemar space heater and wall furnace ranges, visit braemar.com.au, or contact your dealer or sales representative.

Flued Heaters

Braemar space heaters and wall furnaces are flued, so exhausts are expelled outside the home.

Products to suit you

Braemar Eco-Superstar power flued space heating is available in two sizes to meet the requirements of your heating needs. The SH18 heats up to 62m² and the SH25 heats up to 85m². Consult your local Braemar specialist to discuss the unit that best suits your home.

Remote Control

Your Braemar Eco-Superstar power flued space heater has an optional remote control allowing you to operate your unit from anywhere in the room. The remote control also allows you to set up a full seven day programmable timer.

Model	Dimensions (mm)				Star Rating	Gas Input MJ/hr		Heat Output	Area that can be heated (m^2)		
	H	W	D inbuilt	D console		Low	High	kW	Cold	Cool	Mild
SH18	900	495	167	262	4.8	12	18	4.3	40	54	62
SH25	1050	495	167	262	4.8	17	25	6.0	57	75	85
WF25	1800	495	167	262	4.8	17	25	6.0	57	75	85
WF30	1800	495	167	262	2.2	15	30	6.5	60	80	90

SH18

SH25

WF 25/30

Split air conditioning systems

Seeley International is proud to offer the Braemar range of innovative, reliable split system air conditioners.

This extensive range of split systems is completely MEPS compliant - and represent great value for money. They feature inverter technology for more efficient running, use R410A refrigerant, which is less harmful to the environment than some other refrigerants, and have a compact, stylish design, which looks good in any room.

Remember, all Braemar products are backed by Seeley International's extensive network of dealers and service agents and support is available throughout Australasia.

For more information about the Braemar split systems, visit braemar.com.au or contact your dealer or sales representative.

Available from September 2012

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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 well over 100 countries. Not bad for a company that started out in 1972 in the garage of its founder and Chairman, Frank Seeley AM, who was named South Australian of the Year for 2011!

SEELEY INTERNATIONAL

Breezair NUMBER ONE IN NATURAL COOLING · Braemar HEATING COOLING · Climate Wizard

Haier* · convair · coolair · Braemar Tudor Romeo

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

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