

**Braemar**  
By SEELEY INTERNATIONAL 

Australian  
designed, made  
and owned!

# Evolution series

THE COLDEST ULTRA-LOW PROFILE EVAPORATIVE AIR CONDITIONER



**MAGIQTOUCH**  
Next generation smart controller





## QUALITY

NATA accredited test results substantiate superior product performance

Simple to install, maintain and operate



## AUSTRALIAN MADE AND OWNED

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



## WARRANTY

Quality that lasts – 3 year comprehensive warranty<sup>^</sup>

65 year history of Braemar excellence and reliability



## ENVIRONMENT

Delivers fresh, outside air – not stale recycled air

Up to 90% less nasty CO<sub>2</sub> emissions<sup>#</sup>



## LIFESTYLE

Perfect for alfresco living, with options for security vents so you can leave doors and windows closed

Whisper quiet operation

# LEADING EDGE TECHNOLOGY HIGH CAPACITY, LOW PROFILE

**The Braemar Evolution** is the highest capacity sloped tank evaporative air conditioner on the market\*...and one of the smallest.

With its low profile, sleek design, it unobtrusively sits below the roof ridgeline to blend seamlessly into your home.

### EVEN WATER COVERAGE

Water distribution system includes a combination of pressurised and free flow water division systems which provide even water coverage within a compact height for maximum pad area and cooling.

### UV STABILISED AND CORROSION FREE

The cabinet and water reservoir components are injection moulded structural foam polypropylene (Permatuf®). The cabinet and reservoir are UV stabilised and corrosion free.



### TORNADO® PUMP

- Exceptional reliability in extreme conditions
- Dual directional impact start motor/impeller
- Encapsulated motor with overload cut-out, stainless steel shafts and bearings are fully protected from water

### AUTO WATER DRAINING KEEPS YOUR SYSTEM CLEAN

- Empties the reservoir automatically when system is not in use, leaving it clean and dry
  - Ensures the system is operating at maximum efficiency, while using the minimum amount of water
  - Helps to avoid the seasonal maintenance<sup>~</sup> as required by some other similar products
- <sup>~</sup>Seasonal maintenance does not replace regular maintenance of the unit as required for peak performance.

\*Braemar Evolution LPQI550 has the highest cooling capacity (kW), based on test results of all equivalent capacity sloped tank evaporative air conditioners, performed by a NATA accredited Meridian Test Laboratory, to the requirements of the Australian Standard AS2913-2000 Evaporative Air Conditioning Equipment. #Seeley International calculations, based on publicly available data (2008). CO<sub>2</sub> emissions based on 1.13kg CO<sub>2</sub> e/kWhr electricity purchased from grid for Victoria. Data sourced from Part 6 or schedule 1 to the National Greenhouse and Energy Reporting (Measurement) Determination 2008 (Compilation No. 97. dated 1 July 20176).



### SUPERSTEALTH TECHNOLOGY

SuperStealth inverter motor and SuperStealth fan for high energy efficiency.

### MINIMISE DRAFTS IN WINTER

The WeatherSeal™ consists of two semi-circular, polypropylene blades, hinged and counterbalanced, to open automatically when the fan is activated, and to close when the fan is switched off.



## BREAKTHROUGH BLACK OPAL™ MINI-CELL^ CHILLCEL® PAD TECHNOLOGY

- The only evaporative cooling medium of its kind. Fully manufactured in Australia to address the harsh global climate. It's an **absolute out-performer!**
- Exclusive small cell design provides cutting-edge cooling capacity.
- Maintains our global leading Mini-Cell^ Chillcel® pad technology, which increases surface area of the pads by 25%, dramatically multiplying cooling capacity and efficiency - **BEYOND BELIEF!**
- **BLACK OPAL™ MINI-CELL^ CHILLCEL® pads** deliver transformational aesthetics to your home enabling the unit to blend seamlessly into its surroundings.

## OPTIONAL CONTROLLERS

### MAGIQTOUCH®

Smart, sophisticated and incredibly intuitive, your MagIQtouch® controller makes operating your Breezair, a breeze. Control the temperature, fan speed and many more features on a user friendly touch screen. Discreet and modern design will blend seamlessly into the décor of your home.



**MAGIQTOUCH®**  
wired controller

Touch screen, wall mounted controller wired to your home or building



**MAGIQTOUCH®**  
wi-fi enabled  
(Optional add-on)

- Upgrade to a WI-FI module to work with your wired-in MagIQtouch® Controller\*, enabling you to control your cooling 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.

### WATERMANAGER™ SAVES WATER

- Uses the minimum amount of water to achieve high efficiency cooling
- Water quality monitoring to maximise water savings

### MAGIQTOUCH™ BMS CONTROL



- Optional 12Vdc power supply
- 100m communication cable
- Operate up to 60 coolers using link modules



## BRAEMAR GUARANTEE

^For complete peace of mind, Braemar backs every one of its air conditioning systems with an industry leading comprehensive guarantee program.

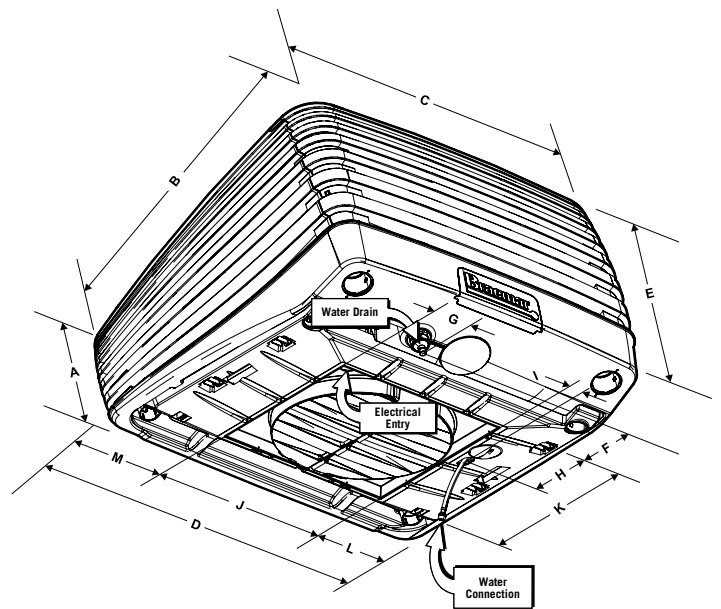
Pump, motor and electronics come with a an additional 1 year guarantee for residential installations (3 years total). Please refer to your owner's manual for all service and guarantee terms and conditions.



# TECHNICAL INFORMATION

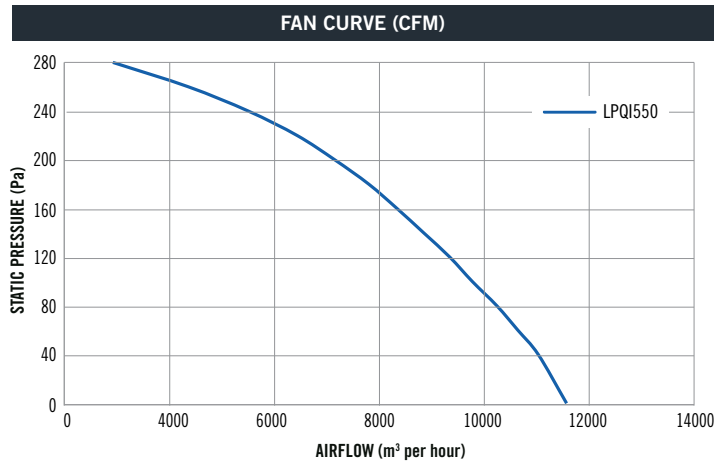
Specification	LPQI550	
Airflow @ 80Pa	(m <sup>3</sup> /h)	10,260
Cooling capacity*	(kW)	13.2
Power consumption (total)	Watts (max / min)	1,530
	Current max (amp)	7.0
Power supply	Voltage / Phases / Hz	220-240 / 1 / 50
Controller	Type	Digital
Fan	Type	Axial
	Diameter - External (mm)	534
Motor	Type	Inverter
	Speed max (rpm)	1,700 VAR
	Output Watts max	950
	Overload & Fuse	One Shot Fuse
	Enclosure	IP24
Pump	Type	Centrifugal
	Motor	Synchronous
	Rating Watts (input)	0.25
	Flow rate (L/min)	21
	Voltage / Phases / Hz	230 / 1 / 50
	Overload	Thermal One Shot Fuse
Cooling pad Chillcel	Enclosure rating	IPX4
	Size (mm) - Front (1 pad)	850 x 540 (H) x 90
	Size (mm) - Sides (2 pads)	850 x 540 (H) x 90 (chamfered)
	Size (mm) - Rear (1 pad)	850 x 298 (H) x 90
Water	Pad area (m <sup>2</sup> )	1.52
	Tank capacity (L)	14
	Inlet (mm / inches)	12.7 / ½" male BSP
Shipping	Drain (mm / inches)	40 / 1½" male BSP
	Dimensions including pallet (mm)	1153 x 1150 x 815 (H)
Connecting Duct (raw edged)	Volume (m <sup>3</sup> )	1.08
	Mass (kg)	72
	Operating (kg)	86
Cabinet	Length x Width (mm)	550 x 550
	Available Colours	Beige, Grey & Terracotta

\*Cooling capacity measured to Australian Standard AS2913-2000, ambient of 38°C dry bulb & 21°C wet bulb, with room exit temperature of 27.4°C.



CABINET DETAILS													
Model#	A	B	C	D	E	F	G	H	I	J	K	L	M
LPQI 550	395	1,150	1,153	1,138	745	206	112	230	53	555	555	295	295

Note: All dimensions are in inches.



Model#	Airflow m <sup>3</sup> /hr @ 80Pa	Motor W	Air Flow - m <sup>3</sup> /hr vs. Static Pressure (Pa)							
			0	40	80	120	160	200	240	280
LPQI 550	10,260	950	11,590	11,050	10,260	9,360	8,350	7,160	5,510	2,920



\*Terracotta only available on special order.



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

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