

COMMERCIAL & INDUSTRIAL

Evaporative Air
Conditioning Systems





World leading climate control solutions

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



AIRA

By SEELEY INTERNATIONAL 

Commercial air conditioners, heaters & HCV

Braemar

By SEELEY INTERNATIONAL 

Refrigerated air conditioning range including VRF
(heat pump and heat recovery)
Industrial & commercial evaporative air conditioners

Climate Wizard
By SEELEY INTERNATIONAL 

Indirect evaporative air conditioners

Coolerado
By SEELEY INTERNATIONAL 

Indirect evaporative air conditioners

Why Braemar evaporative air conditioning for commercial and industrial use?



More than 40 years history in the commercial and industrial sector



Australia's number one choice for heavy industrial and commercial cooling



Suits any application, proven performer from small workshops to world's largest plants



Preferred choice of Mechanical services contractors, Engineers, Architects and Specifiers



Known for unmatched reliability, outstanding performance and cost effectiveness



Low maintenance and running costs year after year

Breakthrough technology

Mini-Cell[^] Chillcel[®] Pad Technology!

Dramatic improvement in cooling efficiency

Revolutionary new Mini-Cell structure provides a new development in cooling technology.

New enhanced small cell design, means that the Braemar range boasts a new cutting edge level of cooling capacity!

New pad formulation has resulted in having 25% more surface area dramatically improving cooling efficiency.

The only evaporative cooling pads fully manufactured in Australia to suit the harshest climates, and now, the absolute over-performer!

[^]Patent pending



RPCQ/RPC Series



For small – medium commercial and light industrial cooling applications

Solid and reliable performance

Quick and easy installation



Cabinet

- Constructed from powder coated marine grade aluminium for strength and durability.
- Well suited for direct on-duct mounting for economical and unobtrusive down discharge installations.



Fan wheel

- Double inlet, multi-blade, forward curve, centrifugal type.
- Constructed from polypropylene, the wheel is statically balanced.



Water reservoir

Rotational moulded in polyethylene to provide corrosion free long life.



Fan motors

Tropic proof two speed or variable speed, resilient, mounted to quiet operation.



Electrical control

The electrical control box is pre-wired within the cooler and incorporates an isolating switch. Mains wiring is directly to the control box.



Water connection

Industry standard connections (1/2 inch BSP) make installation quick and easy.



Optional extras

- Side and top discharge options are also available on most units
- MagIQtouch controller, BMS compatibility, Air Sensor and Link Module are all optional upgrades for the RPCQ models
- Unit supplied standard in grey colour. A range of custom colours is available.

		RPC/Q250	RPC/Q320	RPC/Q400	RPC/Q450*
Dimensions	Height - top & down (mm)	860	860	1000	1120
	Height - side (mm)	1000	1000	1120	-
	Width (mm)	910	1150	1150	1150
	Depth (mm)	910	1150	1150	1150
Airflow capacity at free discharge	High: 2 Speed / Variable (L/sec)	1900/1900	2600/2600	3050/3050	3400/3400
	Low: 2 Speed / Variable (L/sec)	1270/850	1730/1150	2035/1310	2265/1450
Fan motor*	Watts	560	750	1100	1500
	Phase/current (amps)	1/3.6	1/5.4	1/7.1	1/7.2

RPA Series



Ideal for medium to large installations
Single and three-phase models available
Quick and easy installation



Cabinet

- Constructed from marine grade aluminium for longevity and strength.
- Available in down, side and top discharge configurations (RPA500 – down discharge only).



Fan wheel

- The fan wheel is double inlet, multi-blade, forward curve, centrifugal type.
- Constructed from galvanised steel, the wheel is statically balanced.
- The blower shaft is resilient, mounted in metal housing with self-aligning, single row ball bearings.



Water reservoir

Rotational moulded in polyethylene to provide corrosion free long life and durability.



Fan motors

- Tropic proof two speed motors fitted as standard.
- Three phase coolers have manual re-set overload for added safety.
- Single phase coolers (RPA400) use resilient mounting.



Water connection

Industry standard connections (1/2 inch BSP) make installation quick and easy.



Optional extras

- Automatic water dumping feature
- Stainless steel cabinet option
- Onsite, adjustable roof stand
- Off-season weather covers.

		RPA400	RPA450	RPA500
Dimensions	Height x Width x Depth (mm)	1174 x 1146 x 1146		
Airflow capacity	High Speed (L/sec)	4100	4420	4760
	Low Speed (L/sec)	2500	2920	3050
Fan motor*	kW	1.1	2.5	2.5
	Phase/current (amps)	1/7.1	3/4.3	3/4.3
Controller type	All coolers available with 2 speed controller			

RPB Series



Ideal for medium to very large installations

Designed to stand the test of times

Easy maintenance and serviceability



Cabinet

- Constructed from marine grade aluminium, incorporating channel section corner pillars, mounted on a heavy gauge base frame for structural stability.
- Numerous components are powder coated for extra corrosion protection.
- Available in down, side and top discharge.



Fan wheel

- The fan wheel is double inlet, multi-blade, forward curve, centrifugal type.
- Constructed from galvanised steel, the wheel is statically balanced.
- The blower shaft on the RPB1200 to 1800 models is mounted in plummer blocks with self-aligning, single row ball bearings.
- RPB600-1000 models have a stainless steel shaft. Mounted in metal housing with self-aligning single row ball bearings.



Water reservoir

- Rotational moulded in polyethylene to provide corrosion free long life and durability.
- Enhanced water distribution ensures an even water distribution and improved efficiency.



Fan motors

- Tropic proof two speed motors fitted as standard.
- All coolers are three phase and have manual re-set overload for added safety.



Water connection

Industry standard connections (1/2 inch BSP) make installation quick and easy.



Optional extras

- Stainless steel cabinet
- Automatic water dumping feature
- Onsite, adjustable roof stand
- Off-season weather covers.

		RPB600	RPB700	RPB900	RPB1000	RPB1200	RPB1300	RPB1400	RPB1500	RPB1800	RPB1800
Discharge	(Down, Side, Top)									Down, Top	Side
Dimensions	H x W x D (mm)	1510x1520x1520				1855x2030x2030					
Airflow capacity	High speed (L/sec)	5860	7200	8810	9890	11470	12750	14080	15050	17690	16300
	Low speed (L/sec)	3900	4620	6000	6625	7700	8545	9435	10005	12052	11890
Fan motor*	kW	2.5	2.5	4.5	6	4.5	6	8	10	15	15
	Phase/current (amps)	3/5.0	3/5.0	3/8.5	3/15.5	3/8.5	3/11.7	3/16.2	3/18.5	3/26	3/26
Controller type	All coolers available with 2 speed controller										

*Motor capacities may vary due to manufacturer's / supplier's specification changes

EA Series



Reliable corrosion-free cooling

Available in a range of sizes and output configurations

Ideal for smaller commercial and light industrial cooling



Cabinet

- Moulded from UV stabilised structural polymer for long lasting corrosion free performance.
- Down and side configuration is available on most models.
- The down discharge cooler is ideal for direct on-duct mounting providing very economical installations.



Fan wheel

- Centrifugal design for maximum performance, moulded from polypropylene.
- Mounted on a stainless steel shaft within a moulded polypropylene housing ensuring long trouble free service.



Fan motors

Tropic proof two speed single phase resilient mounted motors are used for quiet operation.



Water reservoir and advanced water distribution system

Moulded in structural polymer to guarantee a long, corrosion-free life, and ease of service.



Water connection

Industry standard connections (1/2 inch BSP) make installation quick and easy.



Optional extras

- Automatic water dumping feature
- Onsite, adjustable roof stand
- Off-season weather covers.

		EA90			EA120			EA150
Discharge	(Down, Side, Top)	Down	Side	Top	Down	Side	Top	Down
Dimensions	Height x Width x Depth (mm)	760 x 1005 x 945			1185x1005x945			
Weight	Operating (kg)	98			106			111
	Shipping (kg)	72			83			88
Airflow capacity at free discharge	High Speed (L/sec)	1920	1780	1920	2550	2475	2550	3150
	Low Speed (L/sec)	1270	1190	1290	1710	1660	1710	2200
Fan motor*	Watts	550			750			1500
	Phase/current (amps)	1/3.6			1/5.4			1/8.6
Controller type	All coolers available with 2 speed controller							



Mobile evaporative cooler that rolls wherever it's needed

Easy maintenance



Mobile cabinet

- Made from ultra-tough polymer, so it's both lightweight and very durable.
- Has the built-in wheels - rear wheels swivel and have brakes.
- Easy to move around your workplace.



Super quiet and efficient fan motor

- Patented lightweight centrifugal fan delivers a steady stream of cool fresh air with minimal noise.
- Ideal for commercial and industrial applications due to greater flexibility with each installation.
- Ability to regulate the speed of the fan depending on the requirements.



World patented water distribution system

- Ensures peak efficiency even under the harshest conditions.
- Option to switch off the water pump in order to circulate fresh air only.



Easy maintenance

- Long lasting filter pads are easily removed and are simply washed in clean water in just minutes.
- Large capacity tank has an easy to use drain plug for tank flushing and cleaning.

		Mobile120
Dimensions	Height x Width x Depth (mm)	1360x1080x1010
Weight	Shipping (kg)	95.5
Fan motor	W	750
Typical floor area*	m ²	120

*Estimated floor area for space cooling (2.4m ceiling) or suitable for commercial spot cooling for special applications.

Roof Stands



Easy to install

Modular design – save on freight costs

Flexible – suits 0-10° roof pitches

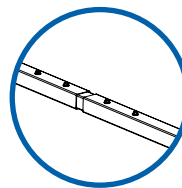
Compatible with:

Braemar RPA Series, Braemar RPB Series and **Climate Wizard** (CW-H10 and CW-H15)

Can be modified to suit any commercial and industrial cooler

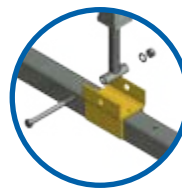


- Versatile and can be installed in minutes
- Stands can be carried onto roofs in pieces, reducing costly cranaage
- Can be installed prior to coolers arriving on site
- No roof penetrations, therefore maintaining the water-tightness and integrity of the roof
- On-site adjustability
- Can be used on any roof style; the load of the cooler is spread over a bigger area with the use of channels
- Easy to handle
- Flat packed, bolts together on site, reducing freight costs
- Rust resistant construction
- Fully adjustable supporting legs, which can be easily disassembled to assist mechanical maintenance or roof repairs
- Occupational Health & Safety plays a major part in industry. Braemar Roof Stands can assist in minimising work-related injuries and accidents.



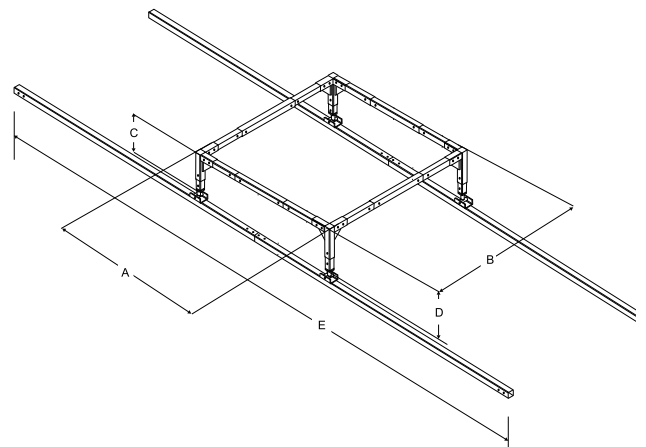
Adjustable cross-members

- Fully adjustable supporting legs allow total flexibility
- On site adjustability reduces labour
- Easily disassembled for maintenance or repairs



Adjustable legs

- Threaded T piece allows for angle adjustment of stand
- Mounting beams distribute load over three purlins
- Upright – two mounting hole locations provide greater angle variations



		SMALL STAND		LARGE STAND		
		RRS-SMF1 0-10° roof pitch		RRS-SMF2-10D 0-10° roof pitch		
Suits		Braemar RPA400, RPA450, RPA500	Climate Wizard CW-H10	Braemar RPB600, RPB700, RPB900, RPB1000	Braemar RPB1200, RPB1300, RPB1400, RPB1500, RPB1800	Climate Wizard CW-H15
Support platform	Dimension A	1055	1300	1480	1940	1300
	Dimension B	1055	1206	1480	1940	1800
Platform level adjust	Dimension C	350-500	350-500	350-500	350-500	350-500
	Dimension D (max)	780	780	780	780	780
Roof extension	Dimension E	4800	4800	4800	4800	4800
Stand weight	kg	59	59	62	62	62

Notes



BREEZAIR

Ducted Evaporative Air Conditioning

BRAEMAR

Ducted Evaporative Air Conditioning | Ducted Gas Heating
Reverse Cycle Air Conditioning | Gas Wall Furnaces and Space Heaters

CLIMATE WIZARD

Indirect Evaporative Air Conditioning

CONVAIR

Portable Air Conditioning

COOLAIR

Ducted Evaporative Air Conditioning

COOLERADO

Indirect Evaporative Air Conditioning

AIRA

Direct and Indirect Evaporative Air Conditioning | Ducted Gas Heating
Commercial Gas Space Heating | Energy Recovery Systems

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

