

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

- Automatic water dumping feature

Why Breezair 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

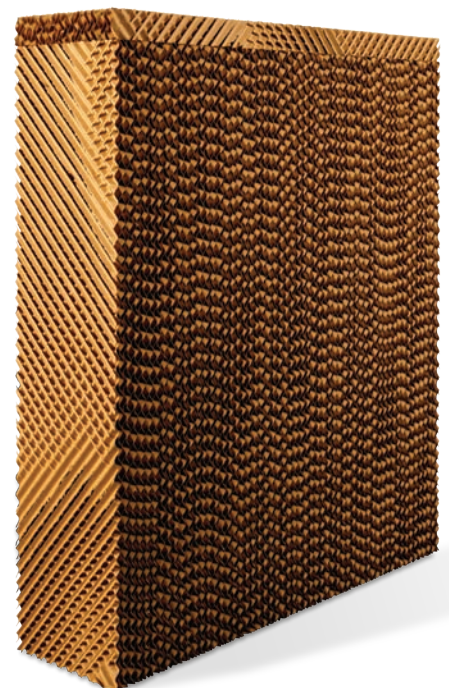
Revolutionary new Mini-Cell structure provides a new development in cooling technology.

New enhanced small cell design, means that the Breezair 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



RPB Series

Specifications		RPB 600	RPB 700	RPB 900	RPB 1000	RPB 1200	RPB 1300	RPB 1400	RPB 1500	RPB 1800 (Top & down dis.)	RPB 1800 (Side dis.)
Airflow (@ zero static)	High (m ³ /h)	21,096	25,920	31,716	35,604	41,292	45,900	50,688	54,180	64,440	58,680
	High (cfm)	12,417	15,256	18,667	20,956	24,303	27,016	29,834	31,889	37,928	34,538
	Low (m ³ /h)	14,040	16,632	21,600	23,850	27,720	30,762	33,966	36,018	43,387	42,804
	Low (cfm)	8,263	9,789	12,713	14,037	16,315	18,106	19,991	21,199	25,537	25,193
Cooling capacity (@ 80 Pa / 80% sat.)	High speed (kW)	20.7	23.7	30.4	34.2	39.0	44.3	49.8	53.1	63.3	56.9
Blower Wheel	Dia x width (mm)	760 x 635				820 x 800					
	Outlet (mm)	780 x 760				890 x 890					
Motor	Type	2 speed 3 phase									
	Speed (RPM)	1450/955									
	Rating (kW)	2.5:1.1	2.5:1.1	4.5:1.5	6.0:2.7	4.5:1.5	6.0:2.0	8.0:2.5	10.0:4.4	15.0:6.7	15.0:6.7
	Current (amp)	5.0:4.0	5.0:4.0	8.5:5.3	15.5:7.5	8.5:5.3	11.7:6.6	16.2:7.0			
	Supply	415 V / 50 Hz 3 phase									
Pump	Type	Cent x 1	Cent x 1	Cent x 1	Cent x 2	Cent x 3	Cent x 3	Cent x 3	Cent x 3	Cent x 4	Cent x 3
	Rating (W)	50									
	Flow Rate (l/m)	24									
Chillcel Cooling Pads	Size top (mm)	595 x 580 (6)			595 x 580 (8)	795 x 580 (6)				795 x 580 (8)	795 x 580 (6)
	Size bottom (mm)	595 x 580 (6)			595 x 580 (8)	795 x 890 (6)				795 x 890 (8)	795 x 890 (6)
	Area (m ²)	4.14			5.52	7.0				9.4	7.0
Water reservoir tank	Capacity (L)	55				100					



BREEZAIR

Direct Evaporative Air Conditioning

CLIMATE WIZARD

Indirect Evaporative Air Conditioning

COOLAIR

Direct Evaporative Air Conditioning

COOLERADO

Indirect Evaporative Air Conditioning

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