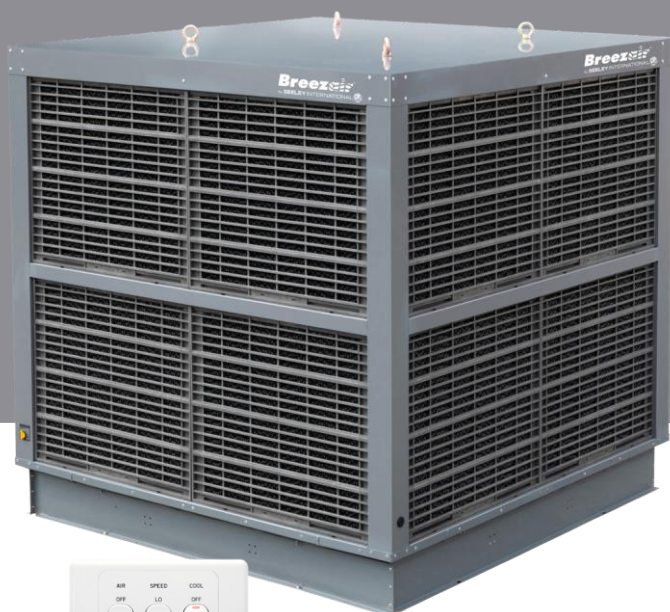


# RPM-RPL Series

Formerly known as 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 fan is a galvanised steel forward curved centrifugal blower mounted inside a polyethylene scroll. The stainless steel blower shaft is mounted in pillow blocks with self aligning, sealed, 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

### Black Opal™ MINI-CELL^ Chillcel® Pads

Our revolutionary Black Opal™ Mini-Cell^ Chillcel® pads have transformed the aesthetics of our coolers as they seamlessly blend into their surroundings; maintaining 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!

^Patent pending



# RPM-RPL Series

Specifications		RPM 5000	RPM 6000	RPM 8000	RPL 10000	RPL 12000	RPL 14000 (Side 3-sided intake)	RPL 14000 (Down/Top 4-sided intake)
Airflow (@ zero static)	High (l/s)	4,960	6,290	7,940	10,650	12,530	13,330	14,260
	High (m³/h)	17,855	22,645	28,585	38,340	45,110	47,990	51,335
	High (cfm)	10,510	13,330	16,825	22,565	26,550	28,245	30,215
	Low (l/s)	3,325	4,215	5,320	7,135	8,395	8,930	9,555
	Low (m³/h)	11,965	15,170	19,150	25,690	30,225	34,555	34,395
	Low (cfm)	7,045	8,930	11,270	15,120	17,790	20,340	20,245
Airflow (@ 80 Pa)	High (l/s)	4,250	5,810	7,390	9,340	11,490	12,340	13,240
	High (m³/h)	15,300	20,915	26,605	33,625	41,365	44,425	47,665
	High (cfm)	9,005	12,310	15,660	19,790	24,345	26,150	28,055
Cooling capacity (@ 80 Pa)	High speed (kW)	20	25	30	40	50	50	55
Air System	Fan Type	Centrifugal						
	Fan Size (mm)	760			820			
	Duct Connection (mm)	780 x 760			890 x 890			
Motor	Type	2 speed induction 3 phase						
	Speed (RPM)	1440						
	Rating (kW)	3		5	7,5	11	15	15
	Supply	415 V / 50 Hz 3 phase						
Chillcel Cooling Pads	Size top (mm)	595 x 580 (6)			595 x 580 (6)			595 x 580 (8)
	Size bottom (mm)	595 x 580 (6)			795 x 895 (6)			795 x 895 (8)
	Pad thickness	90 mm						
Water reservoir tank	Capacity (L)	55		100				
Dimension Shipping	Height (mm)	1,560		2,100				
	Length (mm)	1,560		2,100				
	Width (mm)	1,630		2,050				
Dimension Operating	Height (mm)	1,520		2,030				
	Length (mm)	1,520		2,030				
	Width (mm)	1,510		1,854				
Weight	Mass (kg)	295		330	460	470	500	515
	Operating (kg)	330		365	530	540	560	575



### **BREEZAIR**

Direct Evaporative Air Conditioning

### **CLIMATE WIZARD**

Indirect Evaporative Air Conditioning

### **COOLAIR**

Direct Evaporative Air Conditioning

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