

RPB Series



Ideal for medium to very large installations

Designed to stand the test of time

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

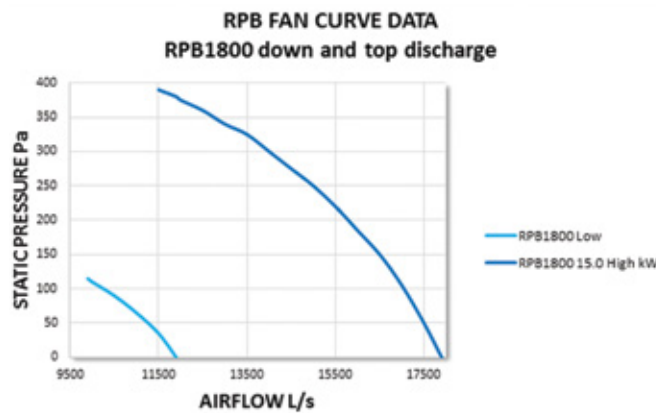
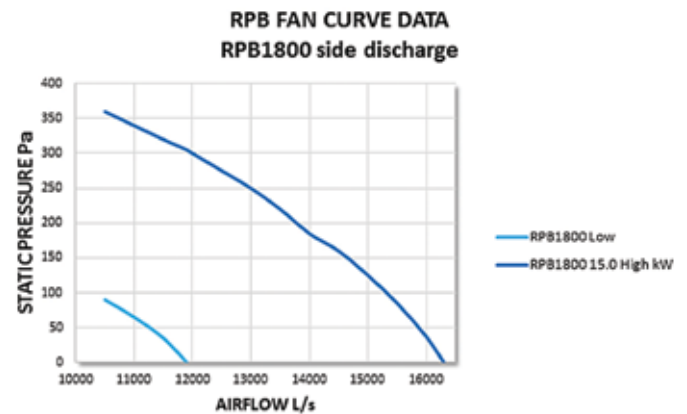
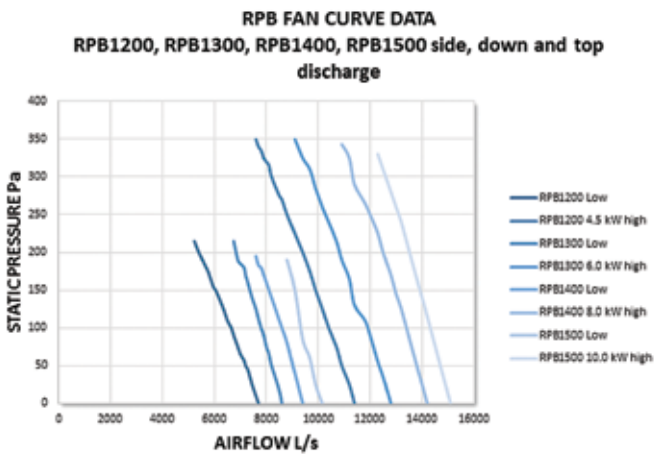
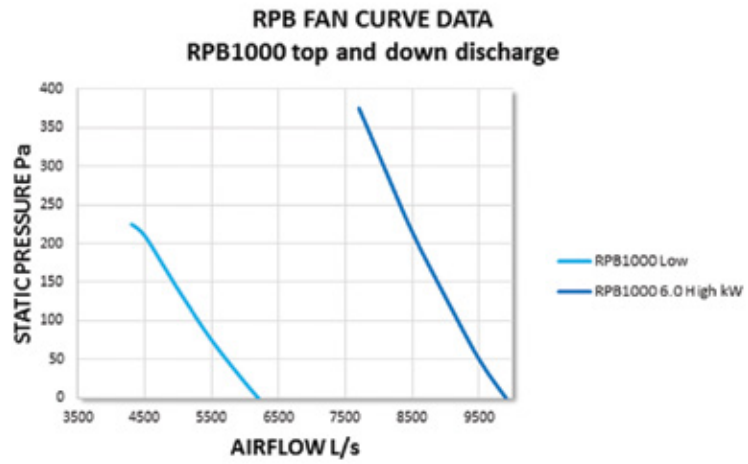
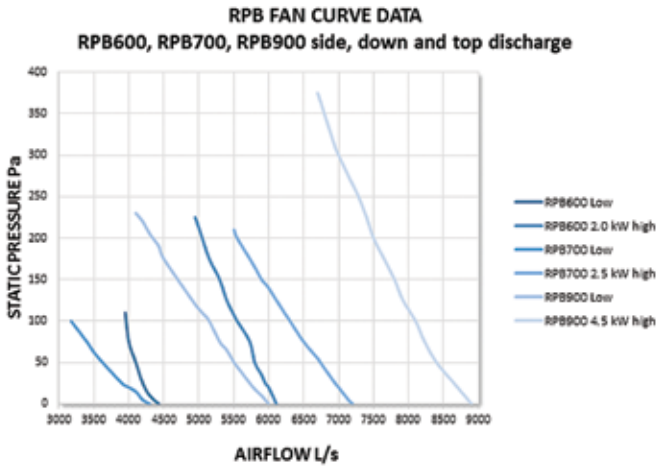


Known for unmatched reliability, outstanding performance and cost effectiveness



Low maintenance and running costs year after year

Specifications		RPB/X 600	RPB/X 700	RPB/X 900	RPB/X 1000	RPB/X 1200	RPB/X 1300	RPB/X 1400	RPB/X 1500	RPB/X 1800 (Top & down dis.)	RPB/X 1800 (Side dis.)
Airflow (@ zero static)	High (L/sec)	5,860	7,200	8,810	9,890	11,470	12,750	14,080	15,050	17,900	16,300
	Low (L/sec)	3,900	4,620	6,000	6,625	7,700	8,545	9,435	10,005	12,052	11,890
Cooling capacity (@ 80 Pa / 80% sat. eff.)	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)	760x635	760x635	760x635	760x635	820x800	820x800	820x800	820x800	820x800	820x800
	Outlet (mm)	780x760	780x760	780x760	780x760	890x890	890x890	890x890	890x890	890x890	890x890
Motor	Type	2 speed 3 phase	2 speed 3 phase	2 speed 3 phase	2 speed 3 phase	2 speed 3 phase	2 speed 3 phase	2 speed 3 phase	2 speed 3 phase	2 speed 3 phase	2 speed 3 phase
	Speed (RPM)	1440/960	1450/955	1450/955	1450/955	1450/955	1450/955	1450/955	1465/985	1465/985	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	18.5:10.8	26.0:14.4	26.0:14.4
Pump	Supply	415V/50hz 3 phase	415V/50hz 3 phase	415V/50hz 3 phase	415V/50hz 3 phase	415V/50hz 3 phase	415V/50hz 3 phase	415V/50hz 3 phase	415V/50hz 3 phase	415V/50hz 3 phase	415V/50hz 3 phase
	Type	Cent x 1	Cent x 1	Cent x 1	Cent x 1	Cent x 1	Cent x 1	Cent x 1	Cent x 1	Cent x 1	Cent x 1
	Rating (W)	50	50	50	50	50	50	50	50	50	50
Chillcel Cooling Pads	Flow Rate (L/m)	24	24	24	24	24	24	24	24	24	24
	Size top (mm)	595 x 580 (6)	595 x 580 (6)	595 x 580 (6)	595 x 580 (8)	795 x 580 (6)	795 x 580 (6)	795 x 580 (6)	795 x 580 (6)	795 x 580 (8)	795 x 580 (8)
	Size bottom (mm)	595 x 580 (6)	595 x 580 (6)	595 x 580 (6)	595 x 580 (8)	795 x 890 (6)	795 x 890 (6)	795 x 890 (6)	795 x 890 (6)	795 x 890 (8)	795 x 890 (8)
	Area (m ²)	4.14	4.14	4.14	5.52	7.0	7.0	7.0	7.0	9.40	7.0
Water reservoir tank	Velocity (m/sec)	1.48	1.74	2.13	1.79	1.64	1.82	2.01	2.15	1.89	1.89
	Capacity (L)	55	55	55	55	100	100	100	100	100	100
Shipping	Height (mm)	1,630	1,630	1,630	1,630	2,050	2,050	2,050	2,050	2,050	2,050
	Length (mm)	1,560	1,560	1,560	1,560	2,100	2,100	2,100	2,100	2,100	2,100
	Width (mm)	1,560	1,560	1,560	1,560	2,100	2,100	2,100	2,100	2,100	2,100
	Mass (kg)	295	295	331	376	415	447	457	468	513	513
	Operating (kg)	330	330	366	411	475	517	527	538	573	573



Breakthrough Black Opal™ MINI-CELL^ CHILLCEL® pad technology

- The only evaporative cooling medium of its kind. Fully manufactured in Australia to address the harsh Australian 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.

^Patent Pending





BREEZAIR

Ducted Evaporative Air Conditioning

BRAEMAR

Ducted Gas Heating

CLIMATE WIZARD

Indirect Evaporative Air Conditioning

CONVAIR

Ducted Evaporative Air Conditioning

seeleyinternational.com

southafrica@seeleyinternational.com

Seeley International Africa

Ph: +27 (0) 11 452 0394

Email: southafrica@seeleyinternational.com

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

Cat No B0763 REV E (0122) SAF