

# Technical specifications

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
<b>Airflow</b> (@ zero static)	High (L/Sec)	6100	7200	8900	9900	11400	12800	14200	15100	17900
	Low (L/Sec)	4360	4620	6000	6625	6625	8545	9435	10005	12052
<b>Cooling Capacity</b> (@ 80 Pa & 80% Sat. Efficiency)	High Speed (kW)	20.7	23.7	30.4	34.2	39.0	44.3	49.8	53.1	D&T 63.3 S 56.9
<b>Blower Wheel</b>	Dia x Width (mm)	760x635	760x635	760x635	760x635	820x800	820x800	820x800	820x800	820x800
	Shaft (mm)	31.75	31.75	31.75	31.75	40	40	40	40	40
	Pulley (mm)	455x2A	455x2A	455x2A	455x2A	455x2A	455x2B	615x2B	615x2B	615x2B
	Speed (RPM)	285/190	355/224	398/262	421/277	319/210	376/248	354/233	377/248	453/304
	Tip speed (m/s)	11.3	13.4	15.9	16.7	13.7	16.1	15.2	16.2	19.4
	Outlet (mm)	775x755	775x755	775x755	775x755	890x890	890x890	890x890	890x890	890x890
	Outlet vel (m/s)	10.5	12.3	15.1	16.9	14.5	16.1	17.8	19.0	22.3
<b>Motor</b>	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
	Speed (RPM)	1450/950	1450/950	1450/950	1450/950	1450/950	1450/950	1450/950	1450/950	1450/950
	Rating (kW)	2.0	2.5	4.5	6.0	4.5	6.0	8.0	10.0	15.0
	Current (amp)	4.3:2.9	4.7:2.9	8.5:5.3	11.7:6.6	8.5:5.3	11.7:6.6	16.2:7.0	18.5:10.8	26:10.5
	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
	Overload	Manual reset	Manual reset	Manual reset	Manual reset	Manual reset	Manual reset	Manual reset	Manual reset	Manual reset
	Pulley (mm)	90 x 28 x 2A	106 x 28 x 2A	125 x 38 x 2A	132 x 38 x 2A	100 x 38 x 2A	118 x 28 x 2B	150 x 42 x 2B	160 x 42 x 2B	190 x 42 x 2B
<b>Pump</b>	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 (S)3 (D&T) 4
	Rating (watts)	50	50	50	50	50	50	50	50	50
	Flow Rate (L/min)	24	24	24	24	24	24	24	24	24
	Overload	Auto reset	Auto reset	Auto reset	Auto reset	Auto reset	Auto reset	Auto reset	Auto reset	Auto reset
<b>Cooling Pads</b>	Size mm (top)	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)
	Size mm (bottom)	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)
	Area (m <sup>2</sup> )	4.14	4.14	4.14	5.52	7.0	7.0	7.0	7.0	9.4
	Velocity (m/sec)	1.48	1.74	2.13	1.79	1.64	1.82	2.01	2.15	1.89
	Material	Chillcel™	Chillcel™	Chillcel™	Chillcel™	Chillcel™	Chillcel™	Chillcel™	Chillcel™	Chillcel™
<b>Water</b>	Capacity (L)	65	65	65	65	100	100	100	100	100
	Drain Size (mm)	48/40	48/40	48/40	48/40	48/40	48/40	48/40	48/40	48/40
<b>Shipping</b>	Height (mm)	1630	1630	1630	1630	2050	2050	2050	2050	2050
	Length (mm)	1560	1560	1560	1560	2100	2100	2100	2100	2100
	Width (mm)	1560	1560	1560	1560	2100	2100	2100	2100	2100
	Volume (m <sup>3</sup> )	3.97	3.97	3.97	3.97	9.04	9.04	9.04	9.04	9.04
	Mass (kg)	295	295	331	376	415	447	457	468	513
	Net unit (kg)	265	265	301	346	375	417	427	438	473
	Operating (kg)	330	330	366	411	475	517	527	538	573

\*Cooling capacity calculated to Australian standard AS 2913 - 2000, ambient of 38°C dry bulb & 21°C wet bulb, with room exit temperature of 27.4°C.