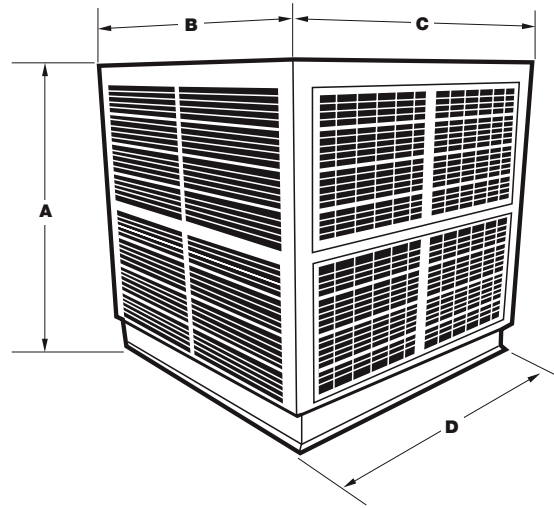


# Technical specifications

Specifications		RPX900
<b>Capacity</b>	High nominal m <sup>3</sup> /hr	32400
	Low nominal m <sup>3</sup> /hr	21600
<b>Blower Wheel</b>	Dia x Width mm	760 x 635
	Shaft Dia mm	31.75
	Pulley mm	455 x 2A
	Speed RPM	340:230
	Tip Speed m/s	13.6
	Outlet mm	775 x 755
	Outlet Vel. m/s	15.2
<b>Motor</b>	Type	2 Speed 3 Phase
	Speed RPM	1450 : 955
	Rating kW	4.5 : 1.1
	Supply	415 50Hz 3 Phase
	Overload	Auto Reset
	Pulley- Fixed mm	132 x 38 x 2A
<b>Pumps x2</b>	Type	Centrifugal, Encapsulated Shaded Pole
	Rating Watts	50
	Flow Rate L/min	24
	Overload	Auto Reset
<b>Filter Pads</b>	Area m <sup>2</sup>	6.0
	Velocity m/s	1.5
	Material	Chillcel™
<b>Water Reservoir</b>	Capacity litres	128
	Drain size (mm)	40 (1 1/2" bsp)
<b>Shipping</b>	Height mm	1630(Unit 1510)
	Length mm	1560
	Width mm	1560
	Volume m <sup>3</sup>	4.0
	Mass kg	295
	Net Unit kg	265
	Operating kg	393

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

## Cabinet Details



Model	A	B	C	D
RPAX900	1510	1520	1520	1478

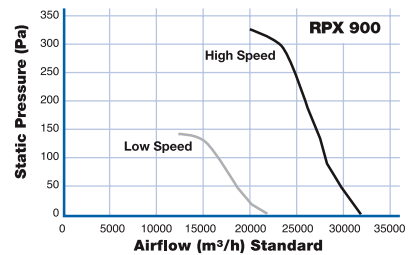
Note: All dimensions are in mm

## Cooler Discharge Air Temperature Chart

Ambient Dry Bulb Temperature	Ambient Relative Humidity %								
	10	20	30	40	50	60	70	80	90
°C									
10	3.3	4.0	4.8	5.6	6.4	7.2	8.0	8.6	9.4
15	6.6	7.8	8.8	9.8	10.8	11.7	12.6	13.4	14.3
20	10.1	11.4	12.8	13.9	15.2	16.2	17.2	18.2	19.2
25	13.4	15.0	16.6	18.0	19.4	20.6	21.8	22.9	24.0
30	16.6	18.6	20.4	22.0	23.6	25.0	26.4	27.7	28.9
35	19.8	22.2	24.2	26.2	28.0	29.6	31.0	32.4	33.7
40	23.0	25.6	28.1	30.4	32.3	33.9	na	na	na
45	25.9	29.2	32.0	34.4	na	na	na	na	na
50	29.0	32.7	35.8	na	na	na	na	na	na

This chart represents approximate air temperatures based on 80% saturation efficiency at sea level. From tests carried out to Australian Standard 2913

## Fan Curves



Our Company has a policy of continuous product development and therefore reserves the right to make changes to these specifications without notice



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