

# Technical specifications

Specifications		TBA 550
<b>Airflow</b>	High Speed at 80pa m <sup>3</sup> /h	10840
<b>Cooling Capacity*</b>	kW	14.7
<b>Power Consumption (total)</b>	Watts	1360
<b>Fan</b>	Diameter mm	541
<b>Motor</b>	Type	PSC
	Speed rpm	1360/var
	Rating Watts	950
	Current amps	5.6
	Capacitor uF	30
	Voltage(±10%)Phases/Hz	230/1/50
	Overload	Auto reset
	Enclosure	IP 35
<b>Pump</b>	Type	Centrifugal Encapsulated Synchronous 2 pole
	Rating (input) Watts	40
	Flow Rate L/Min	19 @ 1.2m head
	Overload	Auto reset
	Enclosure rating	IP x 4
<b>Cooling Pad Chillcel™</b>	Size mm	525 x 850 x 90 (4pcs)
	Pad Area m <sup>2</sup>	1.8
	Velocity m/sec	1.7
<b>Water</b>	Capacity litres	23
	Drain mm	40 (Configurable to local regulations)
<b>Shipping</b>	Dimensions (inc pallet) mm	1150 x 1150 x 902 (H)
	Volume m <sup>3</sup>	1.2
	Mass Kg	66
	Operating Kg	89
<b>Connecting Duct (raw edged)</b>	Length x Width mm	550 x 550

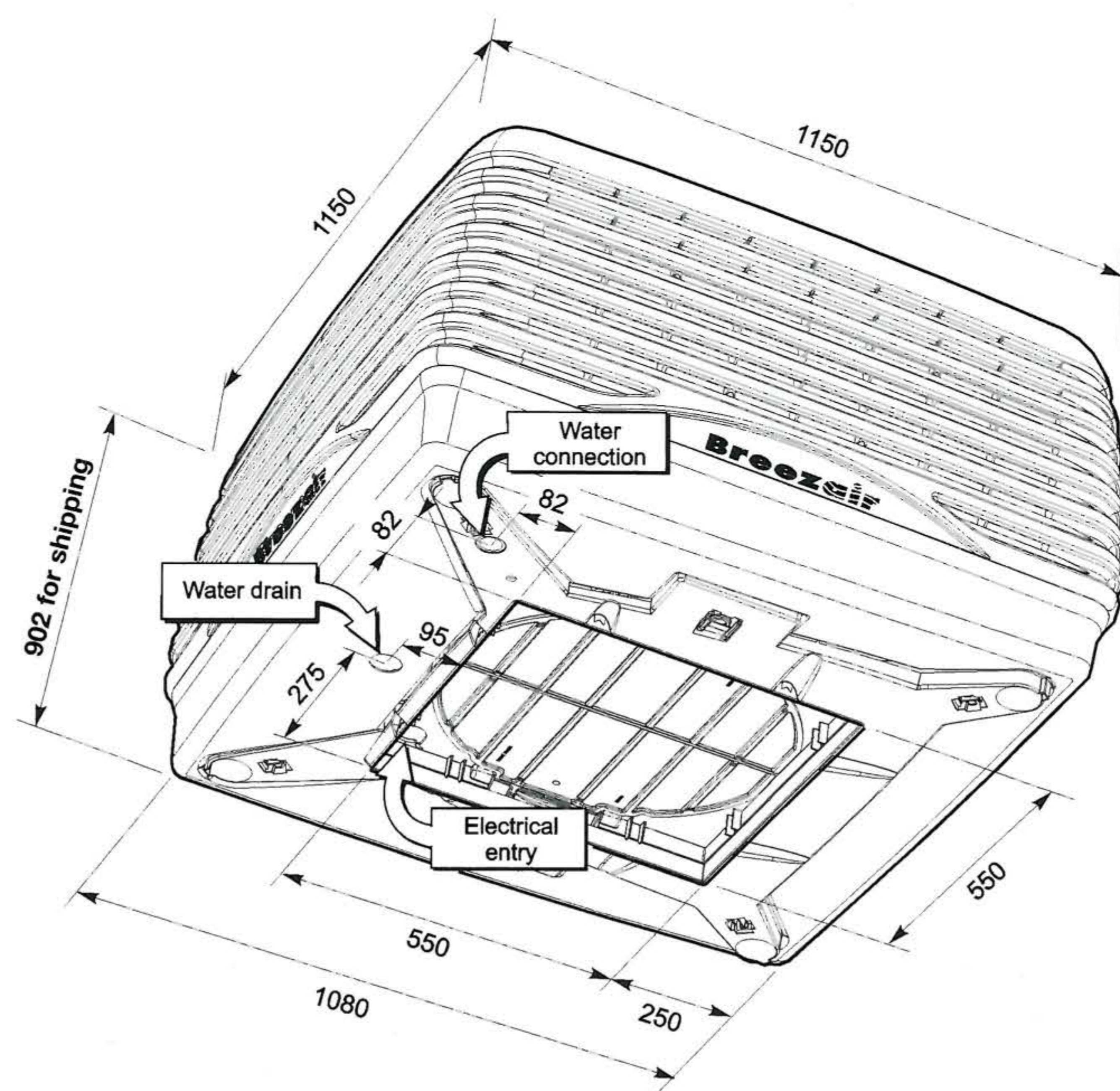
\*Cooling capacity calculated to Australian standard AS 2913 - 2000, ambient of 38°C dry bulb & 21°C wet bulb, with room exit temperature of 27.4°C

## 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

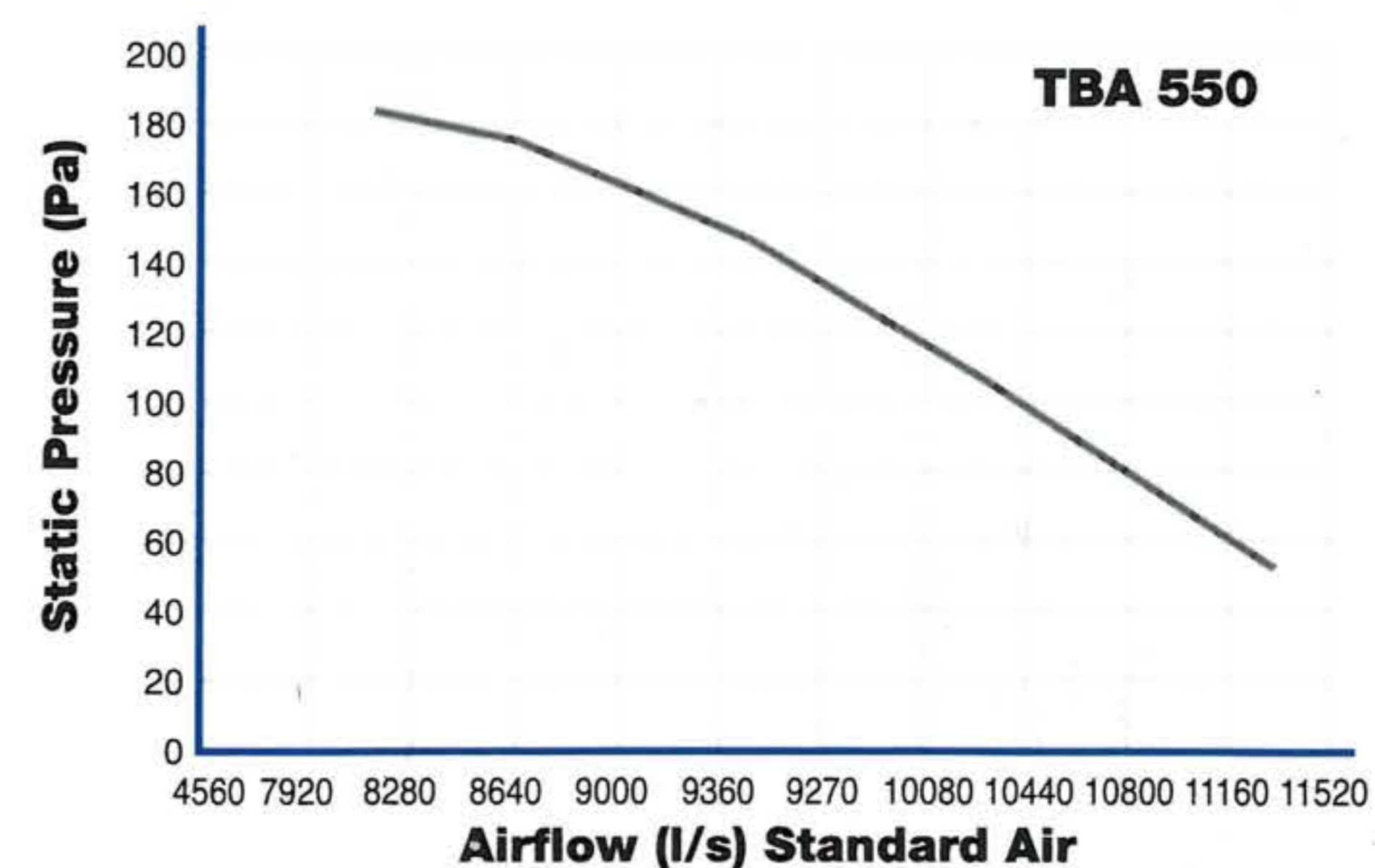
This chart represents approximate air temperatures based on 80% saturation efficiency at sea level. From tests carried out to Australian Standard 2913

## Cabinet Details



Note: All dimensions are in mm

## Fan Curves



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