

Technical specifications

Specifications	TBA 550	
Air Flow	High Speed at 80pa L/sec (m ³ /h)	3010 (10840)
Cooling Capacity*	KW	14.7
Power consumption (total)	Watts	1360
Fan	Dia (mm)	541
Motor	Type	PSC
	Speed (RPM)	1360/var
	Rating (Watts)	950
	Current (amp)	6.0
	Capacitor (uF)	5.6
	Supply Volts (±10%)	230V 50Hz
	Overload	Auto reset
Pump	Enclosure rating	IP 35
	Type	Centrifugal, Encapsulated Synchronous 2 pole
	Input Power (Watts)	20
	Flow Rate (L/min)	18 @ 1.2m head
	Overload	Auto reset
Cooling Pads (Chillcel)	Enclosure rating	IP X 4
	Size (mm)	525x850x90 (4pcs)
	Area (m ²)	1.8
Water	Velocity (m/s)	1.7
	Capacity (L)	23
	Drain (mm)	40 (Configurable to local regulations)
Shipping	Height (mm)	902
	Length (mm)	1150
	Width (mm)	1150
	Volume (m ³)	1.2
	Mass (kg)	66
	Operating (kg)	89
Connecting Duct (raw edged)	Length x Width (mm)	550 x 550

*Cooling Capacity calculated at ambient of 38°C dry bulb & 21°C wet bulb with Room temperature of 27.4°C.
From tests carried out to Australian Standard 2913

Intelligent technology: Breezair TBA Series

TBA 550 - A paradigm shift in evaporative cooling technology

Sets new standards in technologically advanced design, improved air delivery, significantly reduced noise levels and greatly improved ease of installation and use.

Clever use of modern injection moulding technology has minimised individual parts — both functional and aesthetic parts are combined in single mouldings that provide efficient function and completely contemporary styling that blends really well with today's building designs.

The overall design concept and certain innovations within the TBA have been registered and patented internationally.

Two-way digital controls have pushed through the old boundaries of Evaporative Air Conditioning control systems to provide the best Comfort monitoring and deviation correction ever seen in this industry, plus rapid diagnosis and memorising of fault conditions.

Lightweight materials and “snap together” assembly make the TBA 550 a **b-r-e-e-z-e** to install — contractors love them!



Winner of the 2002 "Engineering South Australia" Award
- The Institution of Engineering, Australia

Breezair[®]
Intelligent climate control

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