



Coolair delivers high performance evaporative cooling at unbelievable value. Its standards in design and manufacture are second to none, ensuring reliable and long lasting operation.

**Highly durable and non-corrosive cabinet and water reservoir**  
High performance Permatuf® polymer construction will not corrode or rust.

### AUTOWeatherseal

The AUTOWeatherseal closes the cooler air discharge outlet automatically, thus significantly reducing natural air currents from circulating in and out of the building. The result – a more comfortable and controlled environment.



### Axial fan

This super powerful fan is designed to maximise performance and minimise noise. The purpose designed fans are inherently balanced, with aerofoil blades to provide energy efficient, high pressure performance.



### Totally enclosed motor

Coolair's fan motor is fully enclosed to international standards and excludes any moisture ingress from all sources.



### WATERManager™ system (optional)

- Uses the minimum amount of water to achieve high efficiency cooling
- Water quality monitoring to maximise water savings



### Clean and dry function (optional)

The cooler drains automatically when it's not in use, preventing algae growth and maintaining a clean cooler.



### Tornado® water pump

- Exceptional reliability in extreme conditions
- Dual directional impact start motor/impeller
- Encapsulated motor with overload cut-out, stainless steel shafts and bearings are fully protected from water



### Non-clogging water distribution system

Water distribution system includes a combination of pressurised and free flow water division systems which provide even water coverage within a compact height for maximum pad area and cooling.



### MagIQcool® controller (optional)

Operate one cooler from an easy to use, wall mounted thermostat controller. Each cooler comes with 20m wiring loom and it can be extended up to a maximum length of 40 m (optional).



### MagIQtouch® controller (optional)

Smart, sophisticated and incredibly intuitive, your MagIQtouch® controller makes operating your Breezair, a breeze. Control the temperature, fan speed and many more features on a user friendly touch screen. Discreet and modern design will blend seamlessly into the décor of your home.



### Digital Smartbox™ / control power module

A state-of-the-art digital electronic control for optimum performance. The Smartbox monitors and controls all of the cooler's features to provide ultimate comfort conditions. The module also incorporates diagnostic features and memory with several user choices to set up your preferred environment.

## 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



### COOLAIR GUARANTEE

For complete peace of mind, Coolair backs every one of its air conditioning systems with an industry leading comprehensive guarantee program.

Pump, motor and electronics come with a an additional 1 year guarantee for residential installations (3 years total). Please refer to your owner's manual for all service and guarantee terms and conditions.

## Technical specifications

		CPQ 700	CPQ 1100
<b>Airflow @ 80Pa</b>	Industry standard (m³/h)	7200	9760
<b>Cooling capacity*</b>	(kW)	9.5	13.3
<b>Power consumption (total)</b>	Watts max / min	880 / 400	1260 / 400
	Current max (amp)	4.0	5.7
<b>Power supply</b>	Voltage / Phases / Hz	220-240 / 1 / 50	220-240 / 1 / 50
<b>Controller</b>	Type	Digital	Digital
<b>Fan</b>	Type	Axial	Axial
	Dia (mm)	541	541
<b>Motor</b>	Type	PSC	PSC
	Speed max (rpm)	1260	1350
	Output Watts max	430	750
	Overload & Fuse	Auto reset & 'one shot' fuse	Auto reset & 'one shot' fuse
<b>Pump</b>	Enclosure	IP54	IP54
	Type	Centrifugal	Centrifugal
	Motor	Synchronous	Synchronous
	Rating Watts (input)	25	25
	Flow rate (L/min)	21	21
	Voltage / Phases / Hz	230 / 1 / 50	230 / 1 / 50
<b>Cooling pad Chillcel</b>	Overload	Auto reset	Auto reset
	Enclosure rating	IPX4	IPX4
	Size (mm)	850 x 376 (H) x 90 (4 pads)	850 x 526 (H) x 90 (4 pads)
<b>Water</b>	Pad area (m²)	1.28	1.79
	Tank capacity (L)	23	23
	Inlet (mm / inches)	12.7 / ½" male BSP	12.7 / ½" male" BSP
<b>Shipping</b>	Drain (mm / inches)	40 / 1½" male BSP	40 / 1½" male" BSP
	Dimensions including pallet (mm)	1150 x 1150 x 752 (H)	1150 x 1150 x 902 (H)
	Volume (m³)	0.99	1.19
	Mass (kg)	56	68
<b>Connecting duct (raw edged)</b>	Operating (kg)	79	89
	Length x width (mm)	550 x 550	550 x 550

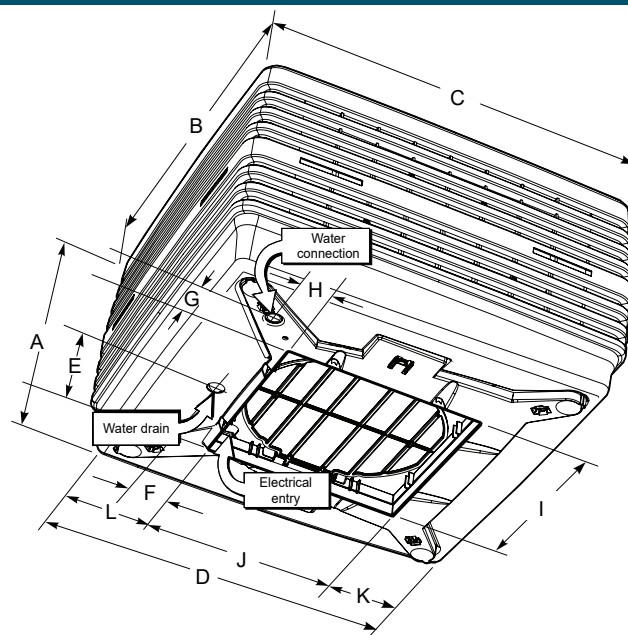
\*Cooling capacity measured to Australian Standard AS2913-2000, ambient of 38° C dry bulb & 21° C wet bulb, with room exit temperature of 27.4° C.

## Cooler Discharge Air Temperature Chart

		Ambient Relative Humidity %								
		10	20	30	40	50	60	70	80	90
Ambient Dry Bulb Temperature °C	10	2.7	3.6	4.5	5.4	6.2	7.0	7.8	8.5	9.3
	15	6.2	7.3	8.4	9.4	10.5	11.4	12.4	13.3	14.2
	20	9.5	10.9	12.2	13.5	14.7	15.9	17.0	18.1	19.0
	25	12.6	14.4	16.0	17.5	19.0	20.3	21.6	22.8	23.9
	30	15.8	17.9	19.8	21.6	23.2	24.7	26.2	27.5	28.8
	35	18.8	21.3	23.6	25.6	27.5	29.2	30.8	32.3	33.7
	40	21.9	24.8	27.4	29.7	31.8	33.7	35.5	37.1	38.6
	45	24.8	28.2	31.2	33.8	36.1	38.2	40.1	41.9	43.5
	50	27.8	31.7	35.0	37.9	40.5	42.7	44.8	46.7	48.4

This chart represents approximate air temperatures based on cooling performance at sea level. From tests carried out to Australian Standard 2913.

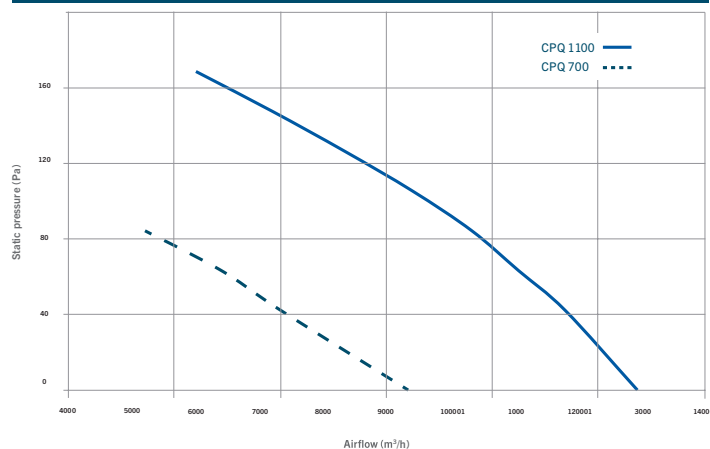
## CABINET DETAILS



Model#	A	B	C	D	E	F	G	H	I	J	K	L
CPQ 700	685	1150	1150	1080	275	95	82	82	555	555	249	279
CPQ 1100	835	1150	1150	1080	275	95	82	82	555	555	249	279

Note: All dimensions are in mm.

## FAN CURVES



Model#	Airflow L/s (m³/h) @ 80Pa	Motor W	Air Flow - L/s (m³/h) vs. Static Pressure (Pa)				
			0	40	80	120	160
CPQ 700	6980	430	9220	8140	6980	-	-
CPQ 1100	9760	750	11160	10550	9760	8680	7420