

Supercool

NEW!
INCREASED
COOLING
CAPACITY

TBS 580

Cool a 1 kanal house - or 2,000 Sqr.Ft. Factory Hall &
USE LESS THAN RS.5,000 PER MONTH OF ELECTRICITY

Save 90% on electricity

Save Rs. 50,000 a month on electricity bill*

NEW AUTO RESTART



100% Made & Assembled
in Australia

New Model
Year 2020



Provides up to 22°C Temperature drop



BENEFITS OF BREEZAIR EVAPORATIVE COOLING

- ◆ 30% better cooling, more area, more air flow
- ◆ Quietest axial evaporative cooler in the world
- ◆ **Certified 2 Micron Australian Chillcel filters, stops all water droplets that cause dampness, and dust**
- ◆ Air completely changed every minute
- ◆ Provides cool, filtered, fresh air
- ◆ **Works 7 to 8 months in Pakistan's climate**
- ◆ Cooling capacity increases as temperature rises
- ◆ Breezair offers more than 20 versalite models
- ◆ Improves human productivity in Industrial, Commercial and Residential application

Clients from Karachi to Peshawar include

- ◆ Main Army GHQ (Rawalpindi)
- ◆ Honda Cars Ltd. Main Plant Multan Road (1 Million+ Sqr.ft)
- ◆ Aitchison College ◆ LUMS University.
- ◆ Guard Filters Ltd. ◆ Vision Technologies, Sialkot.
- ◆ Big Bird Hatcheries ◆ High Noon Textiles Ltd.
- ◆ Interwood Mobil Ltd. ◆ Dawlance Pvt. Ltd. Hydreabad.
- ◆ Atlas Honda Motorcycles Pvt. Ltd. Karachi.
- ◆ Audi Cars Pakistan Ltd....and many more.



Seeley International is an Australian award winning manufacturer since 1972 of cooling and heating products. Seeley markets and distributes to over 120 countries throughout the world and has its own offices in USA, Italy, Spain and the UK.

All products conform to Australian Standard AS 2913-2000

Breezair is the most highly awarded heating and cooling company of this millennium with over 170 awards and counting..



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Advanced touch screen MagiQtouch™ Master Controller (optional) Now with Wi-Fi or Wireless Option

Control Breezair from any location having internet. Additional sensor with Humidity & Temperature control also available. Touch screen technology provides programmable features including energy saving mode etc. You can operate up to 135 coolers from a single Master MagiQtouch Controller.

BMS system compatible

Permatuf™ corrosion-proof cabinet

The Breezair cabinet will not corrode or rust. The UV stabilised structural polymer material comes with **25 years of warranty** the same material is also used to make space satellite components.

Digital Salt Control (Optional)

The Breezair WATERManager increases machine life with minimum maintenance by constantly checking water quality. As the water in the cooler evaporates, it leaves behind impurities and salts, which then become deposited on the cooling pads and cause the cooling power to fall

This system cleans salts by ejecting dirty water automatically & allowing fresh water

Cooler Discharge Air Temperature Chart

Ambient Dry Bulb Temperature °C	Ambient Relative Humidity %								
	10	20	30	40	50	60	70	80	90
10	2.5	3.5	4.4	5.2	6.1	6.9	7.7	8.5	9.3
15	5.9	7.1	8.2	9.3	10.4	11.3	12.3	13.2	14.1
20	9.2	10.6	12.0	13.3	14.6	15.8	16.9	18.1	19.0
25	12.3	14.1	15.8	17.3	18.8	20.2	21.5	22.7	23.9
30	15.4	17.5	19.5	21.3	23.0	24.6	26.1	27.5	28.8
35	18.4	21.0	23.3	25.4	27.3	29.1	30.7	32.2	33.7
40	21.4	24.4	27.0	29.4	31.6	33.5	35.3	37.0	38.6
45	24.3	27.8	30.8	33.5	35.9	38.0	40.0	41.8	43.5
50	27.2	31.2	34.7	37.6	40.2	42.5	44.7	46.6	48.4

This chart represents approximate air temperatures based on cooling performance at sea level.

All tests carried out to Australian Standard AS 2193-2000 by NATA approved Meridian Test Laboratories

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NEW Black Opal™ Mini-Cell Chillcel® Pad Technology!

30% IMPROVEMENT IN COOLING EFFICIENCY

Revolutionary new Mini-Cell structure provides a new development in cooling technology

New enhanced small cell design, means **91.5% unmatched efficiency, and 13% more cooling.**

NO OTHER BRAND CAN ACHIEVE SIMILAR COOLING OR EFFICIENCY

New pad design has resulted in having 25% more surface area dramatically improving cooling efficiency



AUTOWeatherseal

Clever automatic sealing system Prevents drafts, dust & insects when not in use or in winter



Totally enclosed motor

Breezair fan motor is fully enclosed to international standards and excludes any moisture ingress from all sources. The advanced design is rigorously tested and completely reliable.

NOT A SINGLE REPAIR OR REPLACEMENT OF MOTOR IN PAKISTAN SINCE 2003



2 Microns Pads Stop Moisture

The only evaporative cooling pads fully manufactured in Australia to suit the harshest climates

Only Breezair's certified, robotically engineered pads top all dusty & moisture particles as small as 2 microns Pad life 7-10 Years

$$\Delta T = \%SE \times (db - wb)$$

ΔT = temperature reduction

$\%SE$ = Saturation Efficiency of Mini-cell Chillcel

db = Dry Bulb

wb = Wet Bulb

RH = Relative Humidity

db (°C)	wb (°C)	% RH	% SE	ΔT (°C)	Supply Temp °C
45	22	12	91.5%	21.1	23.9 °C

Non-clogging water distribution system

Breezair cooling pads ensure highest evaporation efficiency of **91.5%** and maximum cooling

Guarantees 100% Saturation



Clean and dry function

The cooler drains automatically when it is not in use, preventing **dengue eggs and algae** growth and maintaining a clean system

Axial fan

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



Tornado® water pump

Breezair unique tornado pump provides exceptional reliability in extreme conditions

NOT A SINGLE REPAIR OR REPLACEMENT OF PUMP IN PAKISTAN SINCE 2003



Digital Smartbox™ control power module

The CPM (Control Power Module) is the high-powered electronic brain for Breezair. This durable state of the art install-and-forget technology maximises performance and ease of use so all you have to worry about is setting the desired level of cooling

