

Breezair
By SEELEY INTERNATIONAL 

EXT SERIES

TWO-SPEED RESIDENTIAL



**THE WORLD'S COOLEST, QUIETEST AND MOST
ENERGY EFFICIENT EVAPORATIVE COOLER**

THE BREEZAIR EXT SERIES:

THE BEST IN EVAPORATIVE COOLING

KEEPING COOL HAS NEVER BEEN EASIER

The Breezair EXT is a high performance evaporative cooler that provides the kind of performance you need for cooling spacious living areas. Breezair features a range of benefits exclusive to Seeley International – while delivering 100% fresh, cool, outside air at much lower costs than refrigerated cooling methods.

NON-CLOGGING WATER DISTRIBUTION SYSTEM

- Unique water flow distributor (patented worldwide by Breezair)
- Fully balanced and continuous water distribution to all Chillcel™ cooling pads
- Maintains perfect pad saturation, maximizing cooling efficiency

THE ONLY CABINET WITH A 25-YEAR WARRANTY!

- Injection molded
- High-strength structural polymer
- UV resistant and non-rusting

EXCLUSIVE ONE-PIECE AERODYNAMIC FAN

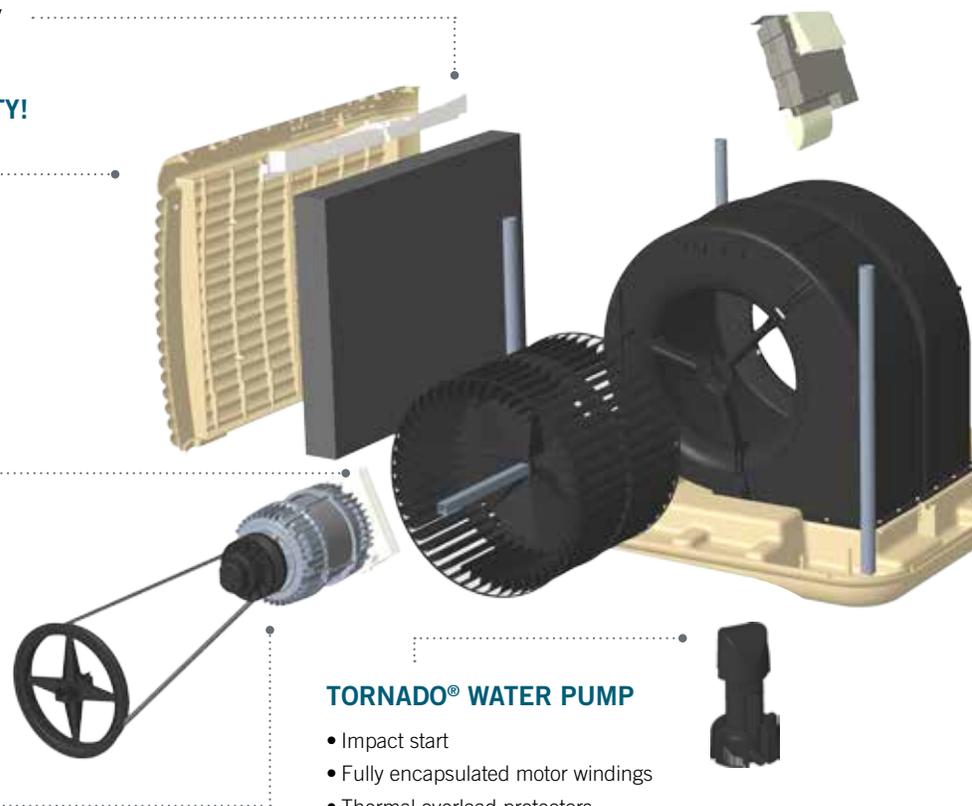
- Molded one-piece polypropylene centrifugal fan
- Square stainless steel shaft to prevent fan slippage
- Pre-lubricated and sealed bearings (no oil needed)
- Cools more efficiently
- Operates quietly
- Motor lasts longer
- Costs less to operate

SEEELECTRIC™ TWO-SPEED MOTOR

- Double-coated with rust inhibitors
- Low energy use
- Heavy duty to last longer
- Low maintenance requirements

TWO-SPEED JUNCTION BOX

- On-board isolation switch
- Overload circuit breaker protection on pump and motor circuits



TORNADO® WATER PUMP

- Impact start
- Fully encapsulated motor windings
- Thermal overload protectors
- Top and bottom ball bearings
- Pumps in ½" water

THE HIGHEST RATED 2-SPEED COOLER ON THE MARKET

One of the finest evaporative coolers on the market today, the Breezair EXT combines sleek, upscale design with Seeley International's solid-quality construction. The result is an unobtrusive – yet incredibly attractive – powerhouse of cooling efficiency.

The unique Breezair UV-resistant cabinet is guaranteed for **25 years!** All of the structural components are guaranteed for 10 years. That's the kind of warranty you'd expect only from Seeley International. Because nobody makes an evaporative cooler quite like we do.

The Breezair EXT uses a constant stream of fresh air to cool, instead of recycling the same stale air. Its unique advanced cooling technology provides superior indoor air quality. By adding moisture to the air, your nose, eyes and skin will appreciate the difference immediately. You will enjoy cooler, more enjoyable air for years to come.

WORLD-CLASS FEATURES – FIRST-CLASS COOLING

The secret to the cooling power of the Breezair EXT lies in the state-of-the-art technology that is built into every Breezair evaporative cooler.

THE INTELLIGENT CHOICE FOR YOUR HOME, THE ENVIRONMENT AND YOUR BUDGET

Unlike air-conditioning that requires harsh, earth-unfriendly chemicals to cool the air, Breezair uses only water. That makes the Breezair cooling system the green alternative – and the environmentally conscious choice.

When cooling your home – and when conventional air conditioning is simply not an option – evaporative cooling is the smartest move you can make.

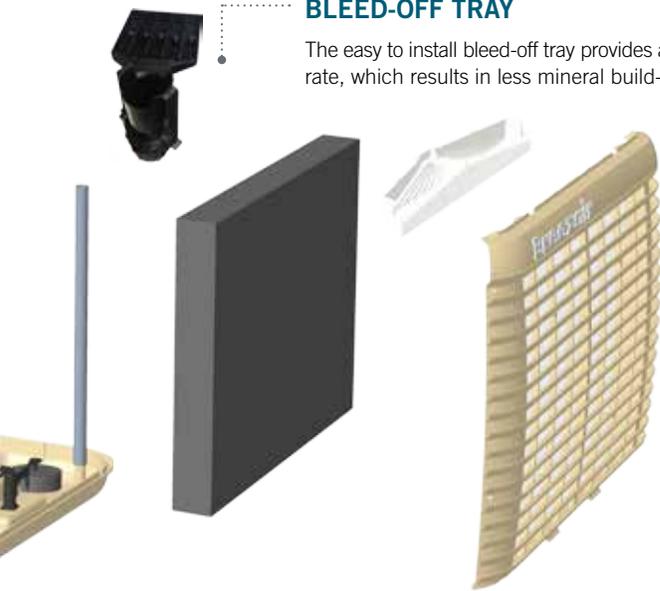
The advantages for your budget and for the environment are obvious with this green, environmentally conscious cooling system.

THE BREEZAIR COOLING SYSTEM:

- Is more energy-efficient and cheaper to run when compared to a standard efficiency ducted refrigerated system!
- Is healthier for the environment – drastically reduced power use, no harmful emissions and no synthetic refrigerants
- Is easier to install, and easier to maintain
- Delivers 100% fresh air

BLEED-OFF TRAY

The easy to install bleed-off tray provides a more precise bleed rate, which results in less mineral build-up in the pads.



BREAKTHROUGH BLACK OPAL™ MINI-CELL CHILLCEL® PAD TECHNOLOGY

- The only evaporative cooling medium of its kind. Fully manufactured in Australia. 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.

BREEZAIR SALINITY MANAGER (OPTIONAL)

AUTOMATIC DRAIN SYSTEM

- Prevents algae, dirt build-up and odors
- Cooler sump stays clean and dry when not in use
- Reduces maintenance to unit



WATERMANAGER™ SYSTEM

- Uses the minimum amount of water to achieve high efficiency cooling
- Water quality monitoring to maximise water savings
- Automatically replaces impure water with clean water



FRESH, CLEAN AIR

The delivered air is 100% fresh, with no risk of recirculated fumes, germs or odors.

Most importantly, as the outside temperature rises, the more cooling you get inside – the fundamental benefit of the evaporative process.

EXT Technical Information

EXT SERIES

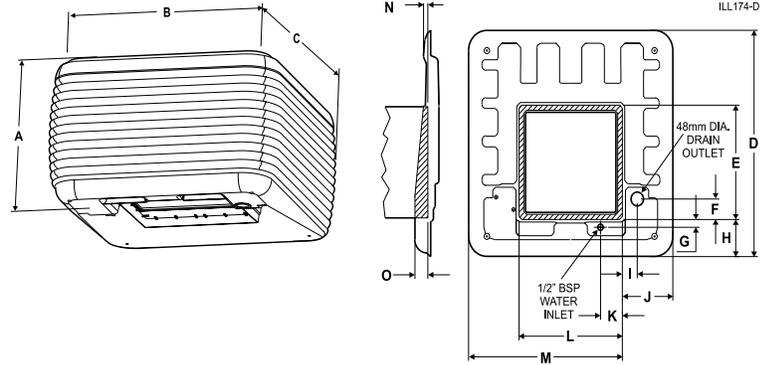
Specification		EXT 155	EXT 265
Airflow	Industry standard (CFM)	5,500	6,500
Cooling Capacity*	0.3 IWG (BTU/hr)	24,570	35,830
Power Consumption (total)	Power Max (W)	930	990
	Current - Rated (A)	8.4	8.4
Power Supply	Voltage / Phases / Hz	115 / 1 / 60	115 / 1 / 60
Controller	Type	Not Supplied	Not Supplied
Fan	Type	Centrifugal	Centrifugal
	Diameter (inches)	15" x 15"	18 1/8" x 15"
Motor	Type	PSC	PSC
	Shaft Speed Max (RPM)	1,470 / 1,050	1,470 / 1,050
	Output Max (W)	550	550
	Overload & Fuse	Auto Reset	Auto Reset
	Enclosure Rating	IP2X	IP2X
Pump	Type	Centrifugal	Centrifugal
	Motor	Synchronous	Synchronous
	Power - Rated (W)	80	80
	Flow rate (gal / min)	4.4	4.4
	Voltage / Phases / Hz	115 / 1 / 60	115 / 1 / 60
	Overload	Thermal One Shot	Thermal One Shot
Enclosure Rating	IPX4	IPX4	
Cooling pad Chillcel™	Size (inches)	31 1/2" x 17 1/4" (H) x 3 1/2" (4 pads)	31 1/2" x 25" (H) x 3 1/2" (4 pads)
	Pad area (feet²)	15	22
Water	Tank capacity (gal)	2.9	2.9
	Inlet (inches)	1 1/2" male BSP	1 1/2" male BSP
Shipping	Dimensions (inches) including pallet	45 1/2" x 45 1/8" x 29 3/4" (H)	45 1/2" x 45 1/8" x 37 1/2" (H)
	Volume (feet³)	36.4	45.6
	Mass - Shipping (lbs)	156	197
	Mass - Operating (lbs)	172	212
Connecting Duct	Length x Width (inches)	21 1/8" x 21 1/8"	21 1/8" x 21 1/8"
		17 3/4" x 17 3/4" Adapter	19 3/4" x 19 3/4" Adapter

Cooling capacity measured to Australian Standard AS2913-2000, ambient of 100.4°F dry bulb & 69.8°F wet bulb, with room exit temperature of 81.3°F.

Cooler Discharge Air Temperature Chart

Ambient Dry Bulb Temperature °F	Ambient Relative Humidity %								
	10	20	30	40	50	60	70	80	90
50	37	38	40	42	43	45	46	47	49
60	43	46	47	50	52	53	55	57	58
70	50	53	55	58	60	62	64	66	68
80	56	60	63	66	68	71	73	76	78
90	62	66	70	74	77	80	83	85	88
100	68	73	78	82	85	89	92	95	N/A
110	74	80	85	90	94	N/A	N/A	N/A	N/A
120	80	87	93	98	103	N/A	N/A	N/A	N/A
130	86	94	101	106	N/A	N/A	N/A	N/A	N/A

This chart represents approximate air temperatures based on 87% saturation efficiency at sea level from tests carried out to Australian Standard 2913.



CABINET DETAILS

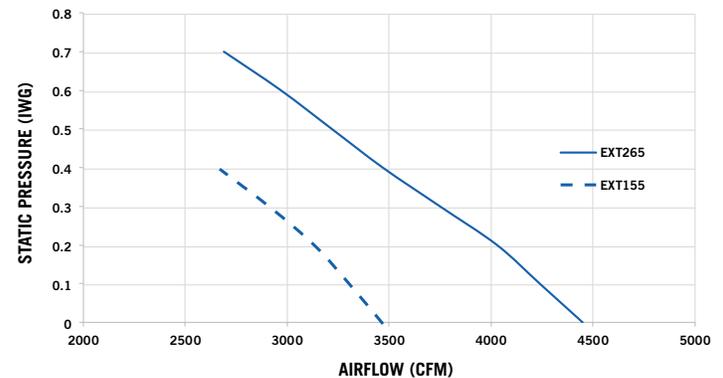
Model#	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
EXT 155	26	45 3/4	45 3/4	43 3/4	21 9/16	4 3/4	1 1/2	7 1/4	3 3/4	10 3/4	4 3/4	21 7/8	32 3/4	1 1/2	3 3/4
EXT 265	34	45 3/4	45 3/4	43 3/4	21 9/16	4 3/4	1 1/2	7 1/4	3 3/4	10 3/4	4 3/4	21 7/8	32 3/4	1 1/2	3 3/4

Note: All dimensions are in inches.

Typical installation

Drain outlet	1 1/2" BSP to 3/4" OD Reducer piece designed for push-on use with a flexible hose (3/4" ID) or solid PVC pipe (3/4" ID)
Water inlet	1/2" BSP to 3/8" Nom or 1/2" BSP to 1/4" compression adapter pieces
Electrical	1/2" Flexible conduit

FAN CURVE (CFM)



Model	Industry Standard CFM	Motor (W)	Air Flow - Cubic feet/min (CFM vs. Inch water gauge (IWG))							
			0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7
EXT 155	5,500	550	3,470	3,310	3,140	2,920	2,670	-	-	-
EXT 265	6,500	550	4,450	4,240	4,030	3,750	3,470	3,220	2,970	2,690



BREEZAIR GUARANTEE

For complete peace of mind, Breezair backs every one of its air conditioning systems with an industry leading comprehensive guarantee program. Refer to your owner's manual for all service and guarantee terms and conditions.

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Information in this brochure was correct at the time of preparation. E & OE

