

Technical Specifications

Specifications		EXT 155	EXT 265
Airflow	Industry standard (cfm)	5500	6500
Cooling capacity*	0.3 IWG (BTU/hr)	27,631	36,245
Power consumption (total)	Watts	996	992
Fan	Diameter (inches)	15	18
V-belt	4L/A	4L-480/A46	4L-570/A55
Motor	Type	PSC	PSC
	Speed (rpm) Hi/Lo	1470/1050	1470/1050
	Rating (Watts)	550	550
	Current (amp) Hi/Lo	8.4/5.6	8.4/5.6
	Capacitor (uF)	30	30
	Voltage/Hz	115/60	115/60
	Overload	Auto	Auto
Pump	Enclosure	IP21	IP21
	Type	Centrifugal Encapsulated Synchronous 2 pole	
	Rating (input) (Watts)	30	30
	Flow rate (gal/min)	5.1@3.9ft head	5.1@3.9ft head
	Overload	Auto reset	Auto reset
Cooling pad	Enclosure rating	IPX 4	IPX 4
	Size (inches)	31 1/2 x 17 1/2 x 3 1/2	31 1/2 x 25 x 3 1/2
	Pad area (ft ²)	15.3	22
Chillcel™	Capacity (gal)	3.6	3.6
	Inlet (inches)	1/2" male BSP	1/2" male BSP
Shipping	Dimensions including pallet (inches)	30 1/2 x 45 1/4 x 45 1/4	38 1/2 x 45 1/4 x 45 1/4
	Volume (ft ³)	36	42
	Mass (lbs)	156	190
	Operating (lbs)	172	206
Connecting duct (raw edged)	Length x width (inches)	21 5/8 x 21 5/8	21 5/8 x 21 5/8

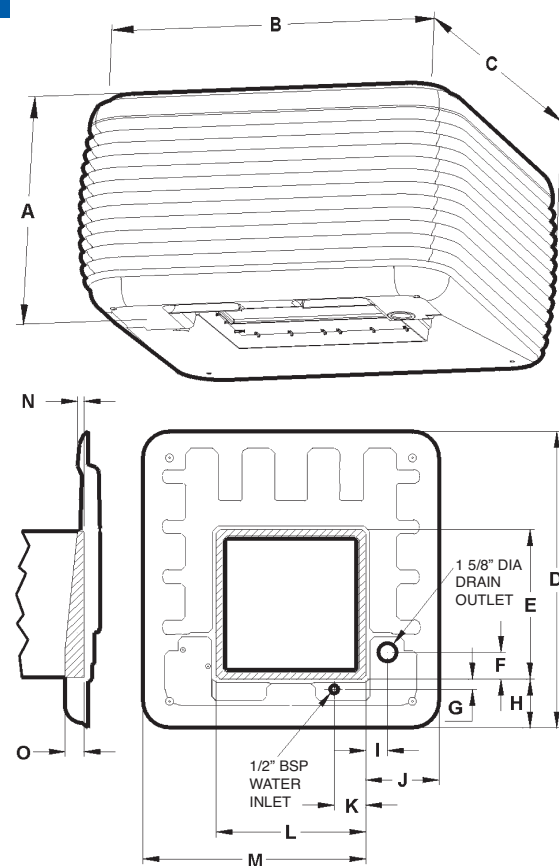
*This cooler has been tested in accordance with the requirements of the California Energy Commission Appliance Efficiency Regulations, Section 1603 and 1604

Cooler Discharge Air Temperature Chart

Ambient Dry Bulb Temperature	Ambient Relative Humidity %								
	10	20	30	40	50	60	70	80	90
50	36.2	37.9	39.6	41.2	42.8	44.3	45.8	47.2	48.7
60	42.9	45.1	47.2	49.3	51.3	53.2	55.0	56.7	58.4
70	49.2	52.1	54.7	57.3	59.7	61.9	64.1	66.1	68.1
80	55.3	58.9	62.2	65.2	68.1	70.7	73.3	75.6	77.8
90	61.4	65.7	69.6	73.3	76.5	79.7	82.4	85.1	87.7
100	67.2	72.5	77.1	81.3	85.1	88.5	91.7	na	na
110	72.9	79.1	84.5	89.3	93.6	97.5	na	na	na
120	78.7	86.0	92.2	97.5	na	na	na	na	na
130	84.5	92.8	99.9	na	na	na	na	na	na

This chart represents approximate air temperatures based on 90% saturation efficiency at sea level. From tests carried out to Australian Standard 2913

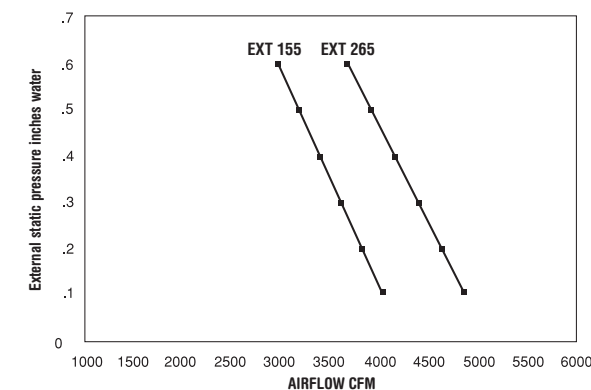
Cabinet Details



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
155/265	26/34	45.5	45.5	45.2	21.65	3.25	2.5	8.25	81	11.75	3.66	21.65	32	1.5	3.33

Note: All dimensions are in inches

Fan Curves

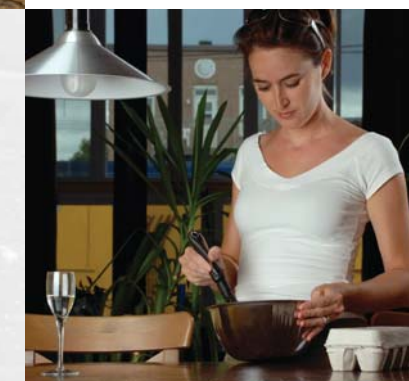


Model #	Industry STD Rating CFM	Motor H.P.	Certified Air Delivery (CFM) (inches of static pressure)						
			0.0	0.1	0.2	0.3	0.4	0.5	0.6
EXT 155	5500	.75	4240	4030	3830	3670	3470	3260	3020
EXT 265	6500	.75	5080	4870	4640	4390	4130	3900	3670

EXT Series



EXT 2-Speed Series



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Breezair™
 Global leaders in natural climate control solutions.™

How evaporative cooling works

The secret to evaporative cooling is implied by the term itself: evaporation! Warm air is drawn into the Breezair EXT cooler, where it's filtered through water-saturated Chillcel™ pads. Evaporation cools the air while the Chillcel™ pads filter out dust, pollen and other contaminants. The result: cool, clean, 100% fresh air. No Freon or other chemicals are needed. No fluorocarbons to worry about. So it's great for both you and the environment.



You Save Money, Too.

The Breezair EXT requires only about 20% of the energy needed for refrigerated air conditioning. This significantly reduces your cooling costs and peak energy demand! Plus, with no toxic chemicals, emissions are reduced.

To ensure homeowner safety at all times, the Breezair EXT offers these built-in features:

- Circuit breaker
- Thermally-protected variable-speed motor and pump
- On-board isolation switch

The Breezair EXT Series: The best in whole-house evaporative cooling

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's dependable 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.

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.



Air passes through watersoaked Chillcel™ cooling pads



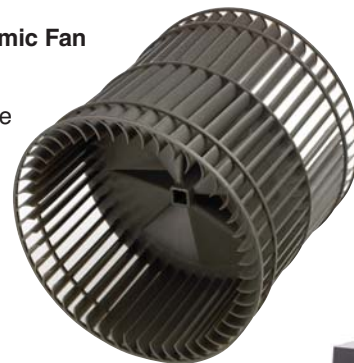
Water absorbs heat by the natural evaporation process. Cool, fresh air is produced

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.

Exclusive One-piece Aerodynamic Fan

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



2-Speed Junction Box

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



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



Seelectric™ 2-Speed Motor

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



Breezair Salinity Manager (optional feature) Water Management

- Electronically monitors water quality
- Maintains cooling efficiency by detecting impurities before they build up
- Automatically replaces impure water with clean water
- Increases cooling effectiveness and pad reliability
- Decreases maintenance



Automatic Drain System

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



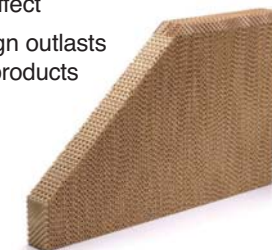
Tornado Water Pump

- Impact start
- Fully encapsulated motor windings
- Thermal overload protectors
- Top and bottom ball bearings
- Pumps in 1/2" water



Long Life Chillcel™ Cooling Pads

- Breezair unique Chillcel™ pads provide maximum cooling
- Honeycomb design with water distribution header block optimizes the cooling effect
- Durable design outlasts competitive products



Breezair™

The Only Cabinet with a 25-year Warranty!

- Injection molded
- High-strength structural polymer
- UV resistant
- Non-rusting



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 EXT 2-Speed Series the green alternative – and the environmentally conscious choice.



When cooling a large area – and when conventional air conditioning is simply not an option – evaporative cooling is the smartest move you can make. Whether it is used for space cooling or spot cooling, the Breezair EXT 2-Speed Series cooler is:

- Energy efficient
- Cleaner and healthier
- Easier and less expensive to install
- Environmentally friendly
- Simple to maintain
- Productivity enhancing

