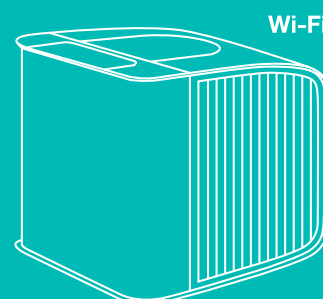
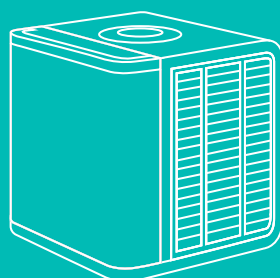


## Your personal microclimate solutions

Two innovative devices for personal microclimate cooling systems brought to the global market – Evapolar air coolers: EV-1000 and EV-3000.



	evaLIGHT™ EV-1000	evaSMART™ EV-3000
<b>Coverage Area</b>	Up to 3.5 m <sup>2</sup> / Up to 30 ft <sup>2</sup>	Up to 4 m <sup>2</sup> / Up to 33 ft <sup>2</sup>
<b>Power Consumption</b>	10 W	12 W
<b>Cooling Power</b>	100 W - 350 W / 340-1200 BTU/hr	100 W - 400 W / 340-1360 BTU/hr
<b>Volumetric Flow Rate</b>	46.6 cfm	55.1 cfm
<b>Noise Level</b>	27-45 dB	25-40 dB
<b>Size</b>	170 x 171 x 174 mm / 6.69 x 6.70 x 6.87 inch	184 x 217 x 207 mm / 7.24 x 8.54 x 8.14 inch
<b>Net Weight</b>	1300 g / 2.866 lbs	1820 g / 4.01 lbs
<b>Water Tank Capacity</b>	750 ml / 25.36 fl oz	1300 ml / 43.96 fl oz
<b>Water Refill Cycle</b>	every 3-5 hours	every 6-8 hours
<b>Evaporative cartridge life expectancy</b>	3 - 6 months*	3 - 6 months*
<b>Color</b>	Crystal White Magic Black Royal Blue	Opaque White Coal Black Stormy Grey
<b>Energy Efficiency Ratio (EER)</b>	21-37	21-37
<b>Power Plugs</b>	US, UK, EU, AU	US, UK, EU, AU
<b>Power Supply</b>	Micro USB ( 5V; 2A )	USB Type C ( 5V; 2,5A )
<b>Supplied Accessories</b>	Cartridge, power cord, power adapter	Cartridge, power cord, power adapter
<b>Wi-Fi connection</b>	n/a	✓
<b>Smart Home</b>	n/a	✓

### CONTACTS

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**R&D:** Saint-Petersburg, Russia

# evapolar

Your personal microclimate solutions

## How Evapolar air coolers work

Evapolar functionality is based on a natural evaporative cooling technology. After you fill the removable water tank and connect your Evapolar air conditioner to a power supply, the cartridge will absorb large amounts of water. The water then spreads evenly through the cooling pads.

As the air blows through the pads, the water evaporates, which causes both the lowering of the air temperature with saturating it with water. Evapolar air conditioner will reach its full cooling power within 5-10 minutes. There is no heat exhausted as a result of the evaporation process.

The device works with any USB power supply and consumes 10-12W.



Hot and dry air



Wet and cool air

## EvaBreeze®

EvaBreeze® Patented Evaporation Technology is based on a unique inorganic material that:

- Is based on mineral nanofibers with great hydrophilic capacity
- Provides intense water evaporation from the small surface
- Uses the capillary effect to raise the water to a height of 30 cm and saturates the whole area of the Evapolar cartridge. A pump is not required
- Does not contain organic elements, and thus, does not create suitable conditions for bacterial growth, which embodies the Evapolar responsive care approach
- Saves energy due to a compact cartridge size

		Room temperature			
		75° F	85° F	95° F	105° F
Indoors humidity	30 %	59,3° F	56,6° F	72,1° F	78,9° F
	40 %	62,0° F	69,0° F	75,5° F	82,4° F
	50 %	64,5° F	71,6° F	79,1° F	86,7° F
	60 %	67,1° F	75,0° F	82,9° F	90,8° F
	70 %	69,6° F	77,9° F	86,0° F	94,2° F

Temperature of outgoing air, °F

		Room temperature			
		25° C	30° C	35° C	40° C
Indoors humidity	30 %	15,2° C	18,7° C	22,3° C	26,1° C
	40 %	16,7° C	20,6° C	24,2° C	28,0° C
	50 %	18,1° C	22,0° C	26,2° C	30,4° C
	60 %	19,5° C	23,9° C	28,3° C	32,7° C
	70 %	20,9° C	25,5° C	30,0° C	34,6° C

Temperature of outgoing air, °C