

Industrial Evaporative Cooler With Axial Fan

Variable Speed (BLDC)

AC 2000 B



BLDC moto



Variable speed



Automatic



Low consumption



Thermostatic



Auto Darin



Single phaes



High Efficiency
85%



Safety control
RCCB

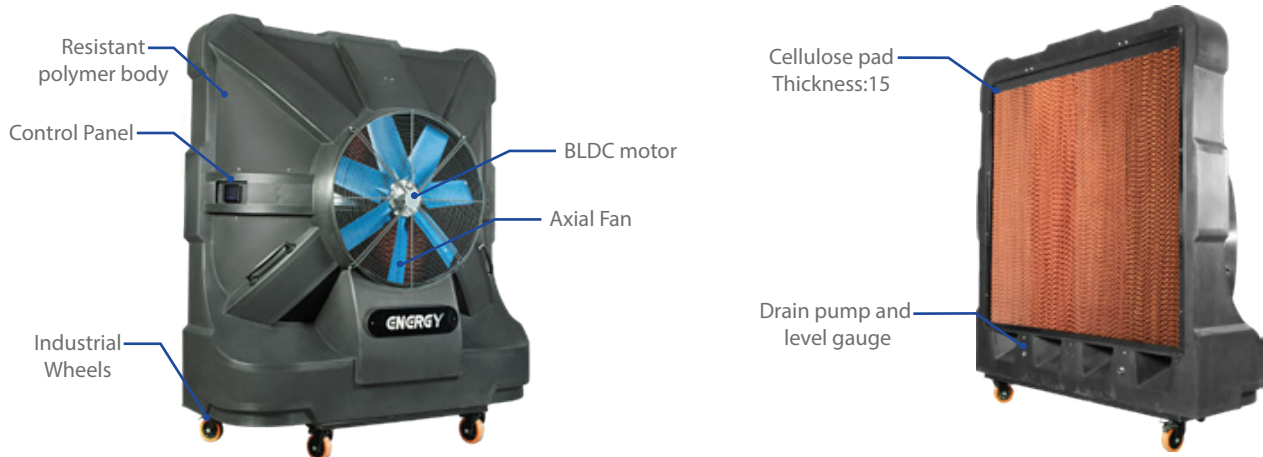


Easy maintenancy

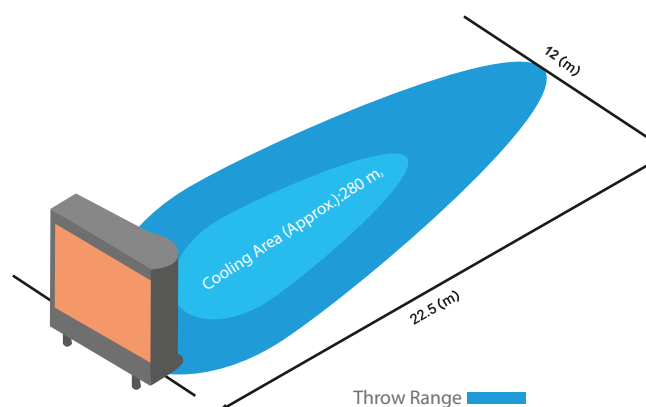
Specifications:

- Spot cooling in large spaces
- Low cost and maintenance
- Low electrical power consumption
- Variable speed fan (20 Steps)
- Manual / Automatic operation
- Special Design
- Resistant polymer body
- High evaporative cooling efficiency with special cellulose pad
- Thermostatic control panel
- Easy to move with industrial wheels

Cooling large industrial spaces in hot seasons is a difficult and costly task. In these spaces, to reduce costs and energy saving, it is recommended to use local evaporative coolers, which with the ability to move, can cool only the production lines or the workplace of the people and required places. Using this method eliminates the costs of building the Stand and air ducting. AC2000B industrial cooler with ventilation capacity of 20,000 cubic meters per hour and axial fan, BLDC motor (Brushless DC Motor), low power consumption, automatic operation and easy portability, provides local cooling of large industrial places. The evaporation efficiency of this device is 85% with a 15 cm thick cellulose pad and provides cooler air than similar systems.



Local Cooling

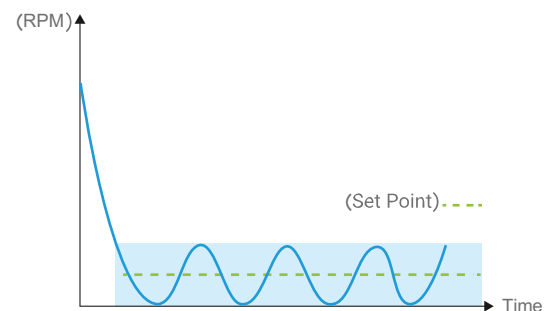


**Low cost**

- Low installation and maintenance cost
- Portable no need to structure and ducting

**Automatic**

- Gradually adjusting speed using electronic board and control panel
- Automatic operation around set point temperature in comfort zone with minimum fan speed
- Manual / Automatic operation (Thermostatic)
- Variable fan speed (20 Steps)
- Water pump protection system (Water level gauge)
- Automatic makeup and drain system

**Low consumption**

- Low electrical power consumption with axial fan and BLDC motor
- Automatic fan speed adjustment according to the ambient temperature

**Body**

- Resistant polymer body

**Easy to carry**

- Equipped with industrial wheels and handles

**30% Cooler than aspen pad evaporative cooler**

- More evaporative cooling efficiency (85%) by using a special cellulose pad (thickness:15cm)
- More water absorption and evaporative cooling efficiency
- Higher air-to-water contact surface

**Steady cooling efficiency**

- Uniform distribution of water on the cellulose pad
- High cooling efficiency and reaching comfort temperature in a shorter time.
- Long life cellulose pad (3 to 5 years)



Health breathing

- Special geometric structure and thickness of cellulose pad: Reduce the transfer of water droplets, dust and harmful bacteria
- Special coating of industrial resin in cellulose pads: reducing the growth of fungi and bacteria
- Airflow free of aspen particles



Life protection system

- Safety control RCCB(Residual-Current Circuit Breaker):** Automatic shutdown in case of power leakage of more than 30 mA (Danger range for person)
- Double-Pole Circuit Breakers:** Circuit Breakers both phase and null to protect against wiring errors during installation and service



Low maintenance

- Removing belts, pulleys and bearings surface
- Increasing the life of the electric motor by starting the cooler at low speed
- No motor damage due to voltage fluctuations

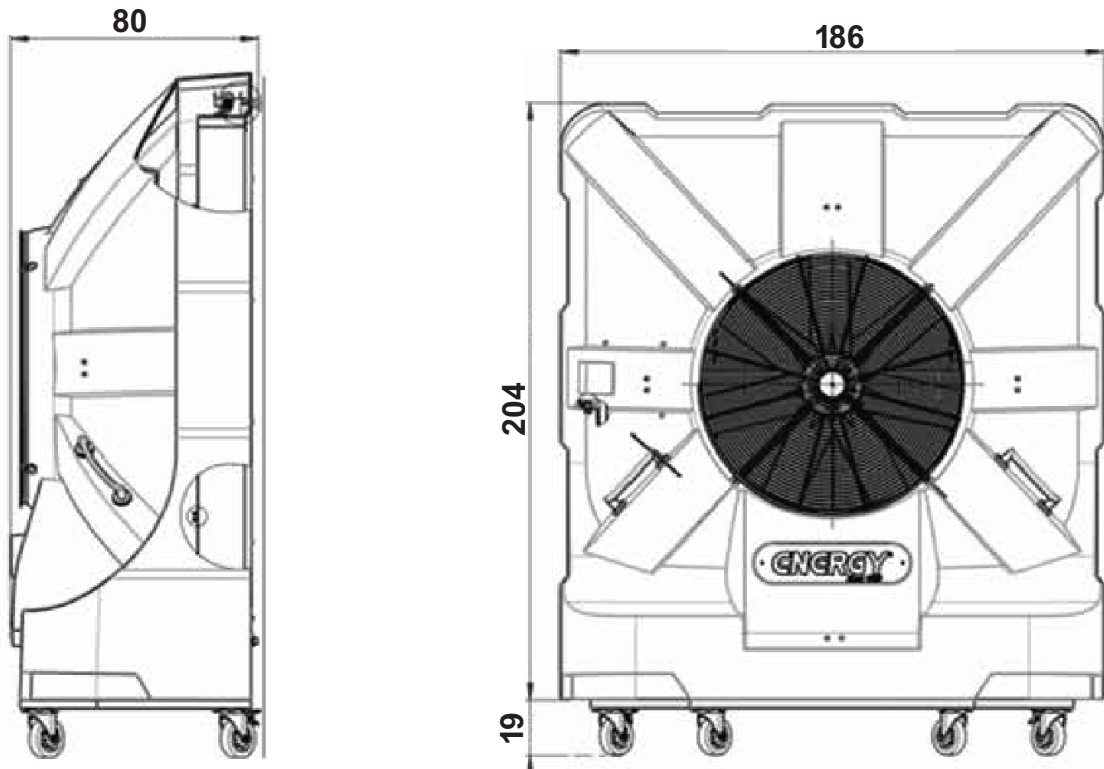


Specifications:

Title		Unit	AC 2000 B
Cooling System		-	Evaporative
Cooling Efficiency		%	85
Air Flow		cfm m ³ /h	11750 (20000)
Air Throw		m	22.5
Cooling Area (Approx.)		m ²	280
Fan Type		-	Axial Fan
Motor Power		hp	1.5
		kW	1.1
Electrical		ph	1
		V (Volt)	220
		I max (A)	9
Dimensions	Width	cm	80
	Length	cm	186
	Height	cm	223
Material		-	Polymer
Weight		Kg	125
Tank Volume		Liter	180

AC 2000 B

Industrial Evaporative Cooler (Axial Fan)



Note: All Dimensions : (Centimeter)

Applications: Large industrial , Commercial , Greenhouse , Livestock , Poultry



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