

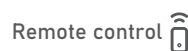
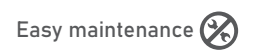
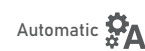
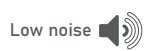
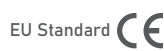
Evaporative Cooler

Thermostatic series



Features




- CE Certified, 801382008480
- ISIRI Certified
- Comfortable with thermostatic control and timer
- Steady cooling efficiency (83%) during the season
- 30% Cooler than aspen pad evaporative cooler during the season
- Safety control RCCB (Residual-Current Circuit Breaker)
- Strong structure, low vibration and noise
- Low power consumption
- Health breathing



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Comfortable with Thermostatic control and timer

-  Thermostatic control and timer
-  Operation time control (on-off) with automatic timer
-  Remote control







Steady cooling efficiency (83%)

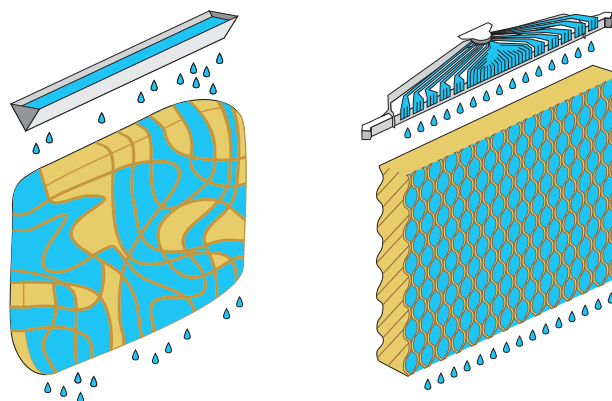
 Steady cooling efficiency with strong cellulose pad structure: Due to the lack of strength and deformation of aspen, the aspen pad evaporative cooler's efficiency reduced from about 70% to 50% in the first 3 weeks (Technical Report of the World Bank, 1999), but the cellulose pad maintains its evaporation efficiency (83%) during operation.



Lack of strength and sagging of aspen pad

30% Cooler than aspen pad evaporative cooler

-  More water absorption and evaporative cooling efficiency: One cubic meter of cellulose pad can absorb 100 liters of water
-  Special water distribution system (patent) that leaves no dry area on the cellulose pad.
-  higher air-to-water contact surface than aspen pad.
-  Steady cellulose pad thickness (7 cm).



Non of Uniform distribution of water Uniform distribution of water

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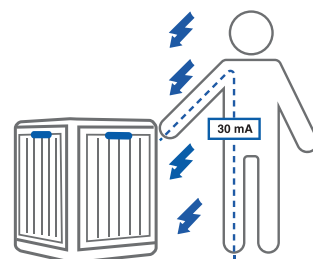
Life protection system

■ 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



RCCB system and bipolar disconnection



Low noise and vibration

■ Static and dynamic fan balance

■ Rubber shock absorber and washer

■ Standard galvanized sheet: 0.9mm (the thickness of the floor sheet is higher than standard: 1.2mm)



Low consumption

■ Cooler air distribution than aspen pad evaporative cooler and more operation at low speed

■ Automatic timer and temperature control system (reduce operating time)

■ Reduce air pressure drop (reduce motor power consumption)

■ High cooling efficiency and reaching comfort temperature in a shorter time.



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

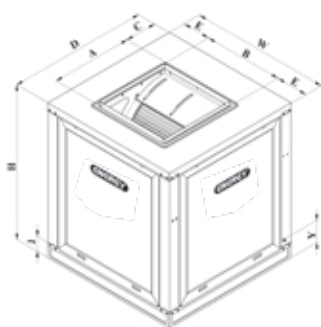
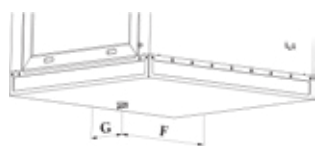


Evaporative Cooler

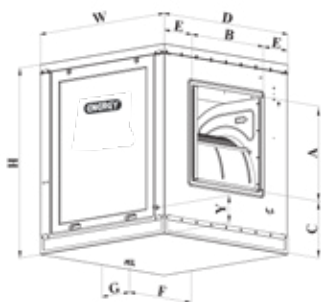
Thermostatic series



Technical specifications and dimensions table



Side-flow cooler(EC)

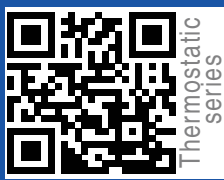


Up-flow cooler(VC)

Specifications	Unit	EC 0700	EC 0550	EC 0350 *	VC 0600	VC 0380 *
Air Flow	m ³ /h (cfm)	7990 (4700)	6460 (3800)	4080 (2400)	6800 (4000)	3740 (2200)
Motor power	hp (kw)	3/4 (0.5)	1/2 (0.37)	1/3 (0.25)	3/4 (0.5)	1/3 (0.25)
Electrical	ph	1	1	1	1	1
	V (Volt)	220	220	220	220	220
	I (A)	5.8	3.6	3	4.2	2.5
Weight + (Water Weight)	Kg	86 (50)	74 (50)	50 (35)	86 (50)	52 (35)
Dimensions	D (cm)	90	90	75	90	75
	W (cm)	90	90	75	90	75
	H (cm)	111	99	80	99	80
Outlet Dimensions	A (cm)	54	48.5	35	48.5	35
	B (cm)	52	48.2	34.5	48.2	34.5
	C (cm)	42.5	30.2	26.5	24	28.5
Water overflow positions	F (cm)	45	45	37.5	45	37.5
	G (cm)	20	20	20	20	20
Water tank height	J (cm)	10	10	10	10	10
Water inlet height	Y (cm)	14.3	14.3	14.3	14.3	14.3
Duct Length (Max)	m	15	12	10	12	10

* EC 0350 - VC 0380 do not have thermostatic control and timer in the package and available by order.

TDS: 029 / 01



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