NIROO TAHVIEH

Niroo Tahvieh Alborz

ALBORZ

EVAPORATIVE AIR COOLER

15000-18000

50 SPEED

www.ntalborz.com

Evaporative Air Coolers

- The high efficiency cooling which with high efficiency, plastic bordure and long lifetime.
- Using the new material with the outside frame is pp which can anti-aging, make the products long life time.
- Intelligent LCD screen remote control to adjust the 1 to 50 speed, easily operated and convenient.
- Automatic cleaning/off memory/Delay start function.
- Fan motor current limit / Overload / shortage voltage multiple safety protection.
- Well designed water distribution structure, making the water distribute evenly.
- Specially designed axial fan with large airflow.
- Low noise, energy-saving, environment-friendly and large application.

Evaporative Air Cooler

1 PHASE

3 PHASE

AC

50 Hz

Quality Mix

QC 100

CE

ISO9001

ISO14001

Evaporative Air Cooler Down-Draft

Evaporative Air Cooler Up-Draft

Evaporative Air Cooler Side-Draft

Specifications	NTAC3/150D	NTAC3/150U	NTAC3/150F	NTAC9/180D	NTAC9/180U	NTAC9/180F
Air Flow (m^3/h)	15000-16000	15000-16000	15000-16000	18000-20000	18000-20000	18000-20000
Air Pressure (Pa)	150	150	150	180	180	180
Electricity (V , Hz)	220V/50HZ	220V/50HZ	220V/50HZ	220V/50HZ	220V/50HZ	220V/50HZ
Power (Kw , Phase)	3~,0.75	3~,0.75	3~,0.75	3~,1.1	3~,1.1	3~,1.1
Noise d(BA)	60	60	60	68	68	68
Fan Type	Axial	Axial	Axial	Axial	Axial	Axial
Dimensions(mm)(H,L,W)	1090×1090×975	1090×1090×975	1090×1090×975	1090×1090×975	1090×1090×975	1090×1090×975
Weight (Kg)	68	70	70	70	71	70

Evaporative Air Cooler Components

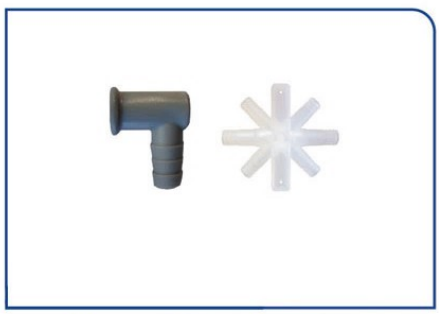
Side panel

Top Discharge Fan Casing

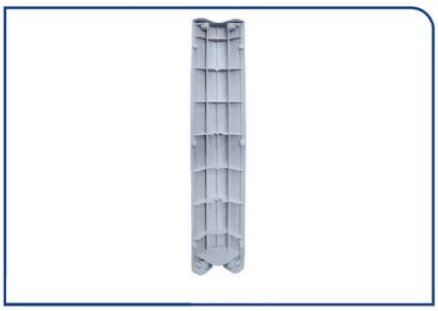
Down discharge fan casing (Base Plate)

Fan Blade

Top Cover (for Discharge Models)



5-way water Distributor & connector



column (4 pcs)

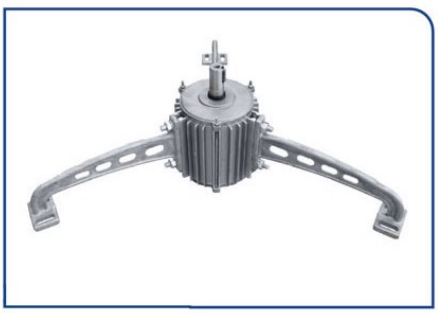
Water Distributor

cooling pad & frame

float valve

Drain pump

water pump

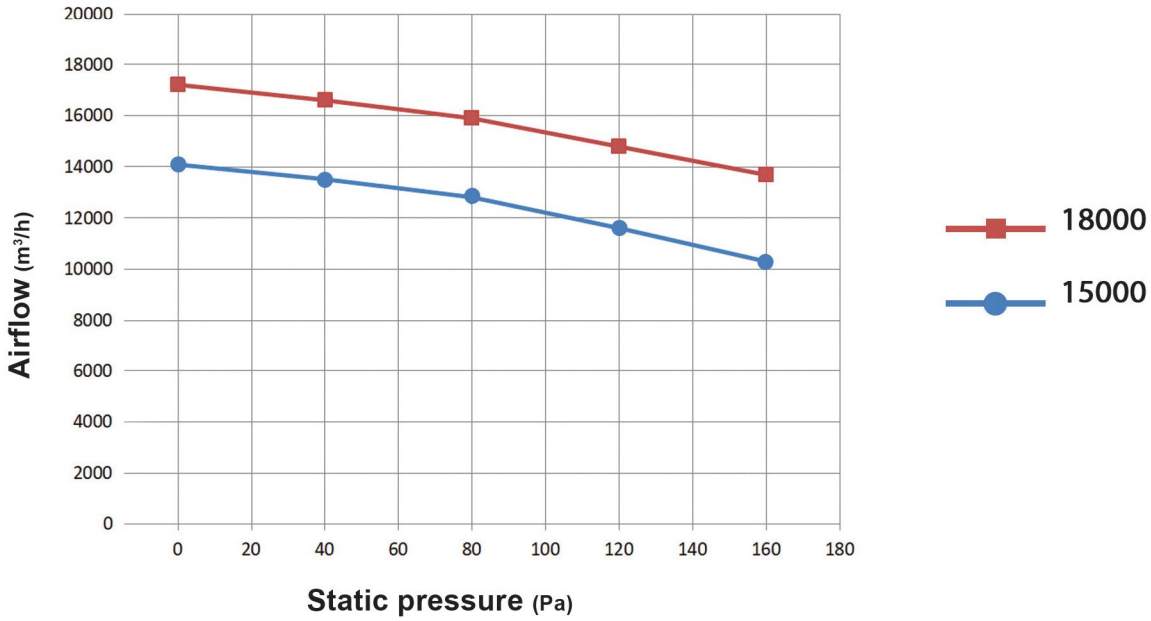


air cooler motor & brackets

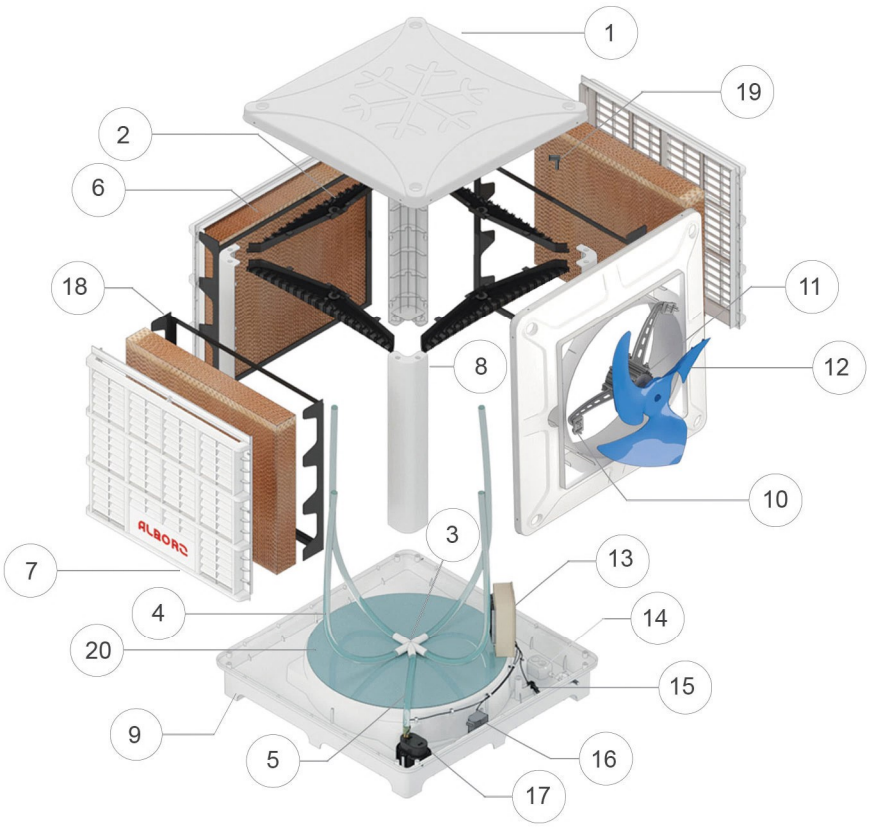
water level sensor

Frequency Inverter

FAN CURVES



Model	Airflow (m³/h)	Static pressure (Pa)				
		0	40	80	120	160
18000	18000	17200	16600	15900	14800	13700
15000	15000	14100	13500	12800	11600	10300

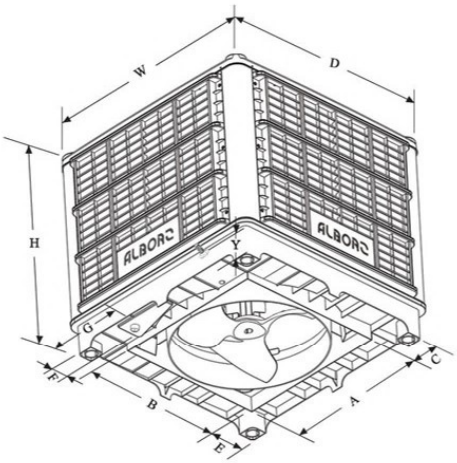


Part

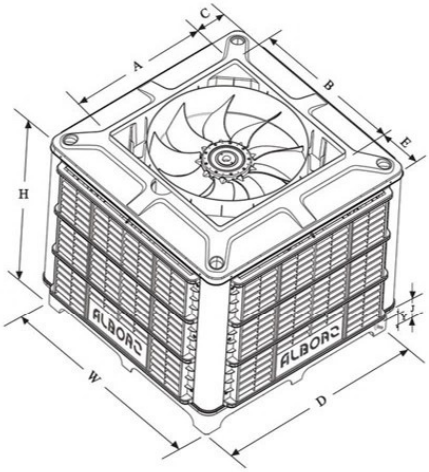
1. Top Cover
2. Water Distributors
3. 5-Way Water Distributor
4. 3/4 Hose
5. Fountain Hose
6. Evaporative Cooling Pad
7. Side Panel
8. Column
9. Down Discharge Fan Casing
10. Diecast Electromotor Brackets
11. 3 phase 220v Motor (0.75)
12. Fan Blade
13. Frequency Inverter
14. Mechanical Float Valve
15. Water Level Sensor
16. Drain Pump
17. Water Pump
18. Evaporative cooling pad holder
19. Connector
20. Plate

Cooler Body Dimension

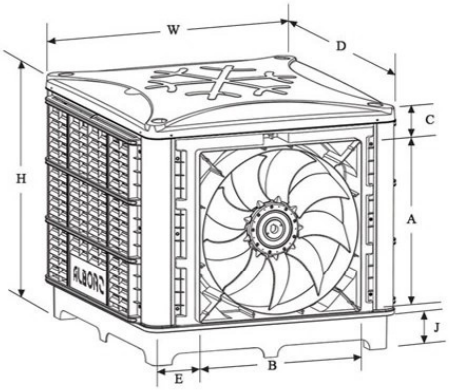
Model	Body Dimension (mm)			Dimensions air exit (mm)				Drain and overflow pipe position (mm)		Height of cooler pan (mm)	Water inlet hole (mm)
	D	W	H	E	C	B	A	G	F	J	Y
Evaporative Air Cooler Up-Draft	1090	1090	975	170	170	665	665	150	280	105	70
Evaporative Air Cooler Down-Draft	1090	1090	975	175	175	670	670	150	280	105	70
Evaporative Air Cooler Side-Draft	1090	1090	975	180	85	665	665	150	280	105	70



Evaporative Air Cooler Down-Draft

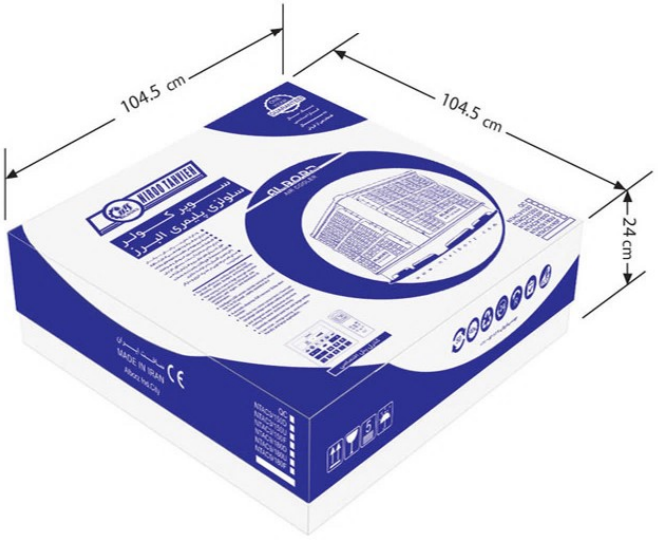


Evaporative Air Cooler Up-Draft



Evaporative Air Cooler Side-Draft

Dimension of Cabinet Cooler (disassembly)



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