

Focus on high quality

Since 2005

OUBER®

AIR COOLER

CE CCC CB TIR

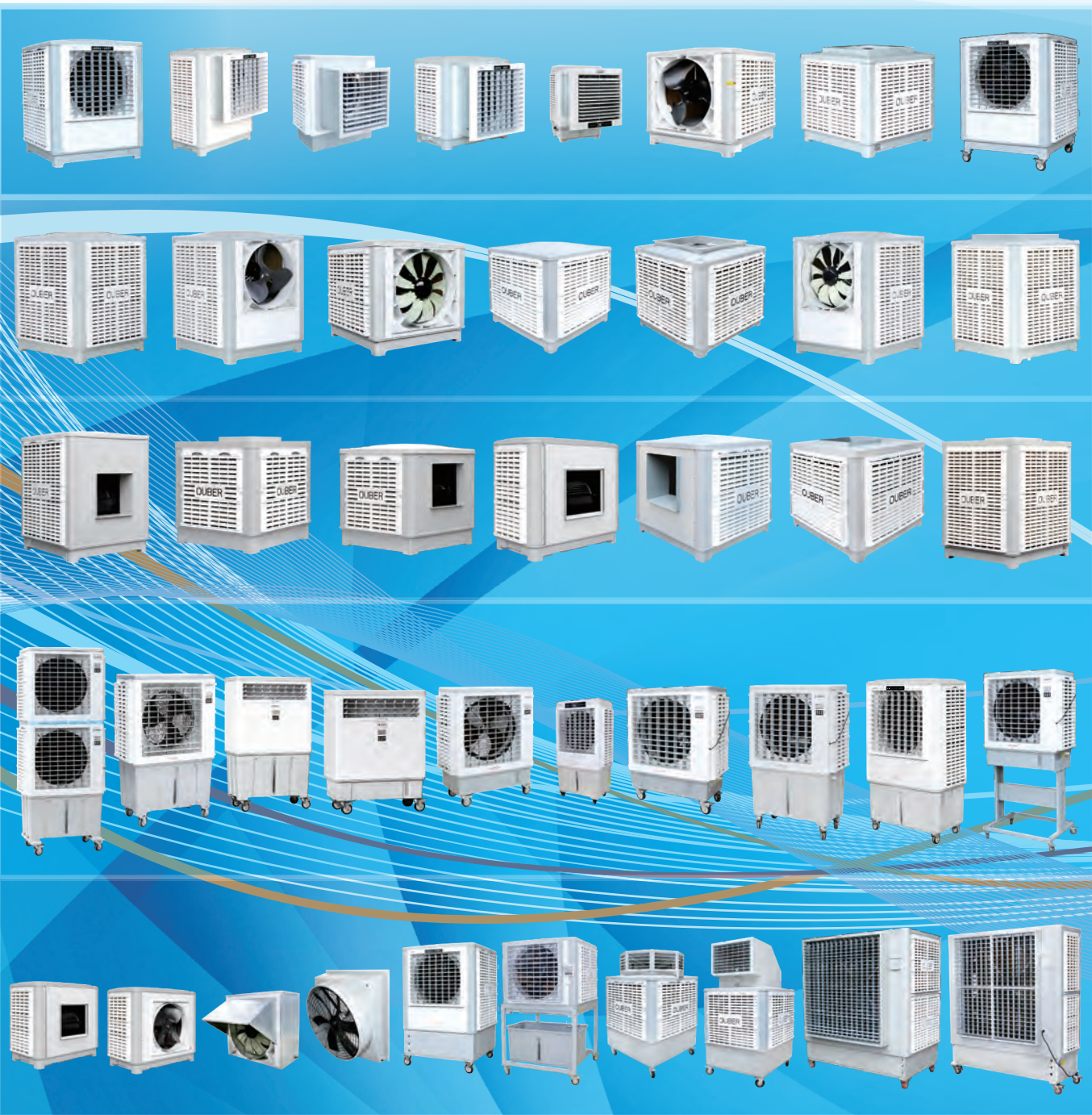
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ISO 9001

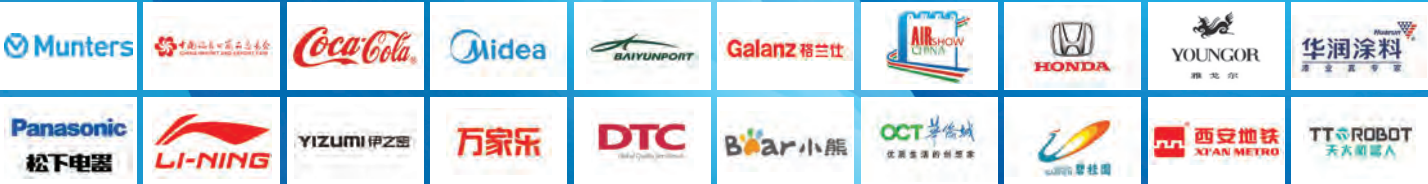
Member of Shunde Appliance Chamber of Commerce



OUBER PRODUCT SERIES



OUBER CUSTOMERS



OUBER Air Cooler & Ventilation Co., Ltd. Has the right to change product specifications without notice, in accordance with manufacture specifications, industry standards and local control, the legal responsibility of the installer.

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www.ouber.com

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OUBER Exhibition / agent / 4S shop / advertisement



Service accumulates trust. Quality makes famous brands.

The OUBER Air Cooler & Ventilation Co., Ltd. was founded in 2005 in Shunde, China. The OUBER professional team is expert in R&D, manufacturing, and selling high performance evaporative air cooler. OUBER holds the beliefs of Service accumulates trust. Quality makes famous brands.

OUBER passed and got ISO9001 quality management system certification, ISO14001 environmental management system certification, and OHSAS18001. OUBER products achieve the European Union (CE), Australia (SAA), SASO, CB and other international certifications, and these provide reliable technology and quality assurance for oversea sales.

OUBER warmly welcomes friends to our factory, OUBER would adherence to commitments, be sincere to guests, cooperate with others perfectly, and also get mutually beneficial cooperation, share the positive result of OUBER product and technology as leading peer!

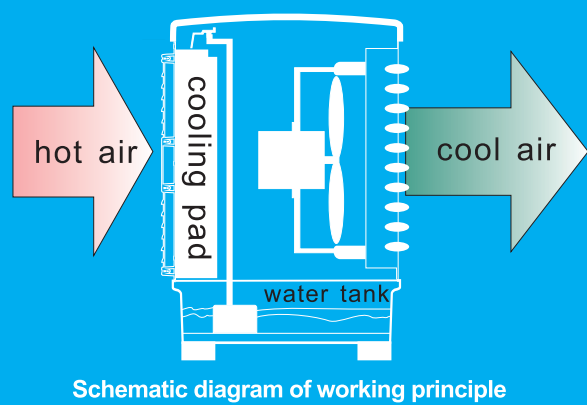
OUBER Made in China



OUBER Certificates

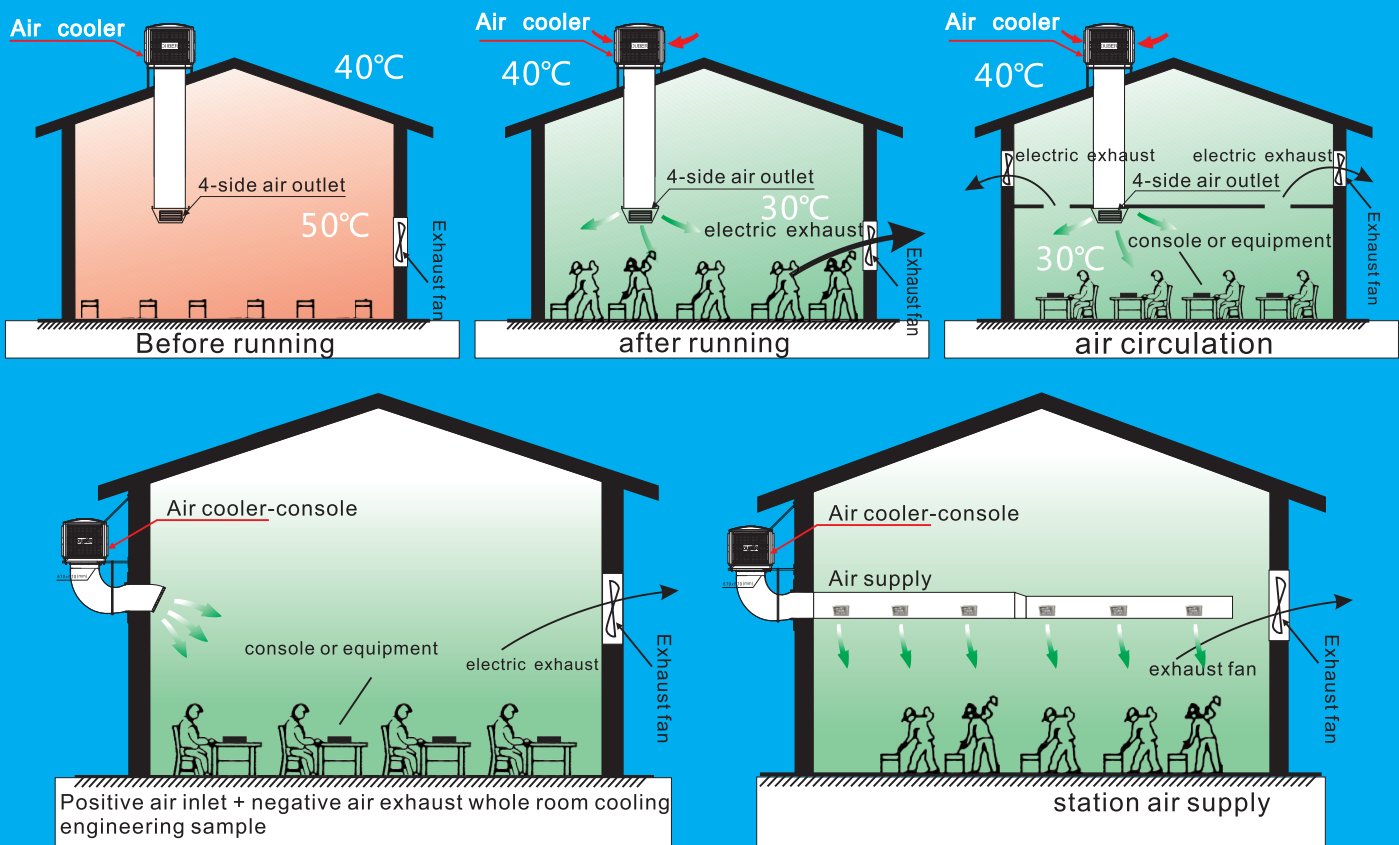


OUBER Axial mobile evaporative air cooler schematic diagram of working principle



- Energy Saving:** Using in the open area, evaporative air cooler is saving more than 80% energy than air conditioner.
- Environmental protection:** Evaporative air cooler running by using tap water directly, evaporates hot air into cool wind, no emissions of harmful substances to the earth.
- High efficient:** Using the natural cold energy, with very little electricity and output the larger refrigeration effect.

OUBER Air cooler cooling diagram



OUBER Multiple safety protection



1. WATER SHORTAGE PROTECTIVE
2. ELECTRIC LEAKAGE PROTECTIVE
3. FAULT CODE PROMPT
4. VOLTAGE OVER OR SHORTAGE PROTECTIVE
5. MOTOR FLEXIBLE STARUP
6. PHASE SHORTAGE PROTECTIVE
7. UV STERILIZE PROTECTIVE
8. MOTOR TEMPERATURE OVER PROTECTIVE
9. ELECTRIC CURRENT CONTROL PROTECTIVE
10. MACHINE COVER ANTI-AGING PROTECTIVE
11. TEMPERATURE AND HUMIDITY CONTROL
12. PREVENT MOSQUITO LIVING

OUBER Air cooler cooling engineering



OUBER Axial Fixed evaporative air cooler characteristics(FAD18-IQ)

13 Material
100% new PP, high strength sun-proof engineering cover

12 Sealing circuit board
intelligent precise moisture proof and durable

10 Drain pump
diving type design, stable and reliable

9 UV lamp (optional parts)
kill the bacteria in the water

8 Motor
F glass, high efficiency and energy saving, Strong, smooth, silent

7 Water sensor
water shortage protective, stable and reliable

6 Floating valve
Reliable and durable, apply to the water pressure in 0.1-6kg/cm2

5 Fan
strengthen the nylon blades, corrosion resistant, air supply strong, smooth operation

4 Motor support
seamless steel tube welding, hot-dip galvanized processing low wind force, structure strong

3 Filter
filtering the large particles of dust in the air.

2 Cooling pad
Four-side inlet efficient evaporator, filters all hydrophilic dust entering the cooling pad

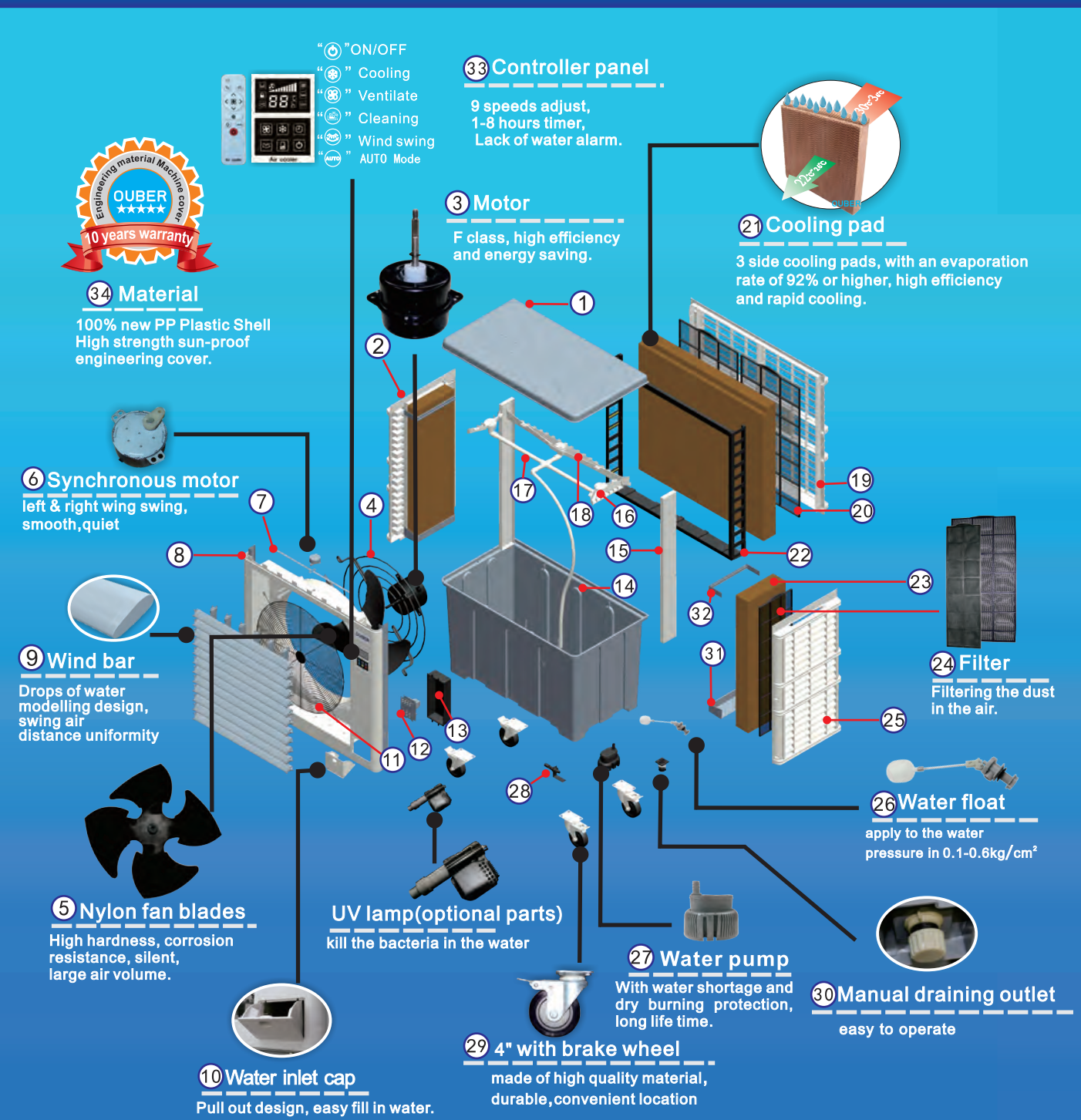
1 Water plate
Hard pipe + diverter plate design, water flow average, stable and reliable.

Optional parts

- 8-side diffuser
- 4-side diffuser
- Galvanized elbow (not including flange and diffuser)
- Assemble air duct(short)
- Mounting bracket

No.	name	No.	name	No.	name	No.	name	No.	name	No.	name
1	water plate	2	cooling pad	3	filter	4	motor support	5	fan	6	floating valve
7	water sensor	8	motor	9	UV lamp	10	drain pump	11	water pump	12	sealing circuit board
13	Shell										

OUBER Axial mobile evaporative air cooler characteristics(MAB09-DQ)



Part List											
No.	name	No.	name	No.	name	No.	name	No.	name	No.	name
1	top cover	2	side cooling pad	3	motor	4	motor support	5	fan	6	synchronous motor
7	wind bar rod	8	front plate	9	wind bar	10	water inlet cap	11	protective net	12	PCB plate
13	control box	14	water tank	15	corner support	16	side water distributor	17	water delivery pipe	18	water distributor
19	louver	20	filter	21	cooling pad	22	cooling pad support	23	side cooling pad	24	side filter
25	side louver	26	water float	27	submersible pump	28	water sensor	29	wheels	30	draining group
31	side breakwater	32	side cooling pad support	33	controller panel	34	100% new PP Plastic Shell				

OUBER WIFI control function

Smart Air Cooler
Control it anywhere with your phone APP

iOS Android

Scan the QR Code to Download

Search "OUBER+" on App Store.

WiFi control panel

LCD WiFi control panel

Why Choose OUBER

01 Factory.
Directly face to factory.

02 R&D
A mature R&D team with the ability to develop products based on market demand.

03 Quality.
3+ times quality tested during processing, Extremely low maintenance rate.

04 Supply Chain.
Better cost advantage & stable quality for we have huge quantity.

05 Territory Protection.
Exclusive sales area.

06 Service.
Exclusive sales assistant follow up your orders.

07 Training.
Technical training service.

08 Balance.
Explore the latest technology + ensure the most stable quality.

09 Professional.
Focus on evaporative air cooler industry for 19 years, there are a series of air coolers to suit for different environment.

Mobile type model:

- 100% new weather resistance PP material plastic cover
- Mold designed by our professional R&D
- High performance durable motor
- Wheels with break
- Odor free cooling pad
- evaporation rate ≥92%
- Energy saving
- Multi-function



Model	MAB04-DQ/1	MAB07-EQ	MAB09-DQ	MAB15-DQ	MAB18-IQ/1
Fan Speed	9-speed	3-speed	9-speed	50-speed	50-speed
Power(W)	125	280	320	600	1100
Maximum airflow(m³/h)	4000	7600	8500	15000	18000
Air supply distance(m)	8	11	13	18	24
Control panel	Digital touch panel	Electronic panel	Digital touch panel	Digital touch panel	Digital touch panel
Fan type	Nylon 4 blade/axial	Nylon 4-blade/axial	Nylon 4-blade/axial	Nylon 3-blade/axial	Nylon 3-blade/axial
Voltage/Frequency(V/Hz)	220/50	220/50	220/50	220/50	220/50
Water tank capacity(L)	40	120	120	175	175
Measure(mm)	580 x 375 x 1050	910 x 490 x 1380	910 x 490 x 1380	1060 x 650 x 1670	1060 x 650 x 1670
20GP/40HQ(pcs)	114/280	47/116	47/116	22/58	22/58
Timer	1-8h	1-2-4-8h	1-8h	1-8h	1-8h
Temperature display	Standard	-	Standard	Standard	Standard
Auto Mode	Standard	-	Standard	-	-
Natural Wind	Standard	-	Standard	-	-
Auto Cleaning	-	-	-	-	-
Quite Swing	Standard	Standard	Standard	Standard	Standard
Keyboard Lock	Standard	-	Standard	-	-
Low Water Level Alarm	Standard	Standard	Standard	Standard	Standard
Float Valve	Optional	Standard	Standard	Standard	Standard
UV Lamp	Optional	Optional	Optional	Optional	Optional
Pump Protection	Standard	Standard	Standard	Standard	Standard
App WIFI control	-	-	-	-	-

Fixed Centrifugal Model

- 100% new weather resistance PP material plastic cover
- Copper Motor
- Metal wind turbine
- Sealing circuit board
- Odor free cooling pad
- Evaporation rate 92%
- Auto self-cleaning
- Install with air duct
- LCD touch panel with WIFI control



FCB15-IQ



FCB16-IQ



FCU16-IQ



FCD18-IQ



FCB18-IQ



FCU18-IQ



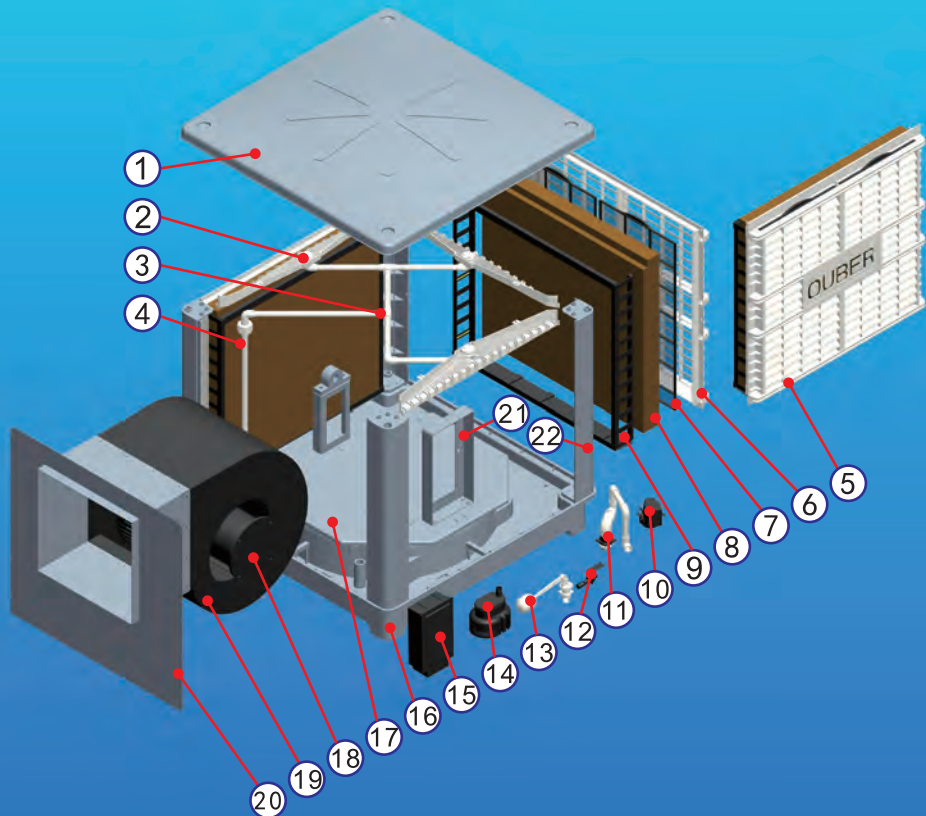
FCB30-IQ



FCU30-IQ

Model	FCB15-IQ	FCB16-IQ	FCU16-IQ	FCD18-IQ	FCB18-IQ	FCU18-IQ	FCB30-IQ	FCU30-IQ
Voltage/Frequency(V/Hz)	220/50	220/50	220/50	220/50	220/50	220/50	220/50	220/50
Fan Speed	50	50	50	50	50	50	50	50
Control panel	LCD touch panel	LCD touch panel	LCD touch panel	LCD touch panel	LCD touch panel	LCD touch panel	LCD touch panel	LCD touch panel
Power(kW)	1.2	1.2	1.2	1.7	1.7	1.7	2.8	2.8
Maximum airflow(m³/h)	8500	9000	9000	10000	10000	10000	17000	17000
Maximum air speed (m/s)	27	27	27	25	25	25	30	30
Duct Air supply distance(m)	40	40	40	45	45	45	55	55
Noise (dB)	≤74	≤73	≤73	≤76	≤76	≤76	≤78	≤78
Fan type	Metal/centrifugal	Metal/centrifugal	Metal/centrifugal	Metal/centrifugal	Metal/centrifugal	Metal/centrifugal	Metal/centrifugal	Metal/centrifugal
Water tank capacity(L)	30	30	30	25	25	25	25	25
Measure(mm)	1060 x 660 x 930	880 x 880 x 850	880 x 880 x 855	1080 x 1080 x 980	1080 x 1080 x 980	1080 x 1080 x 980	1080 x 1080 x 1270	1080 x 1080 x 1270
20GP/40HQ(pcs)	38/80	38/78	38/78	20/44	20/44	20/44	10/43	10/43

No.	Description
1	top cover
2	water diffuser
3	water pipe
4	upward water pipe
5	cooling pad assembly
6	louver
7	filter
8	cooling pad
9	cooling pad bracket
10	drain pump
11	drainage assembly
12	water level sensor
13	floating valve
14	submersible pump
15	controller box
16	chassis
17	chassis cover
18	motor
19	volute
20	side cover
21	motor bracket
22	column



Centrifugal model with air duct install

1.Under any air supply conditions, the area of the air outlet at the end of the duct can be changed to ensure that the cooler operates within the rated current.

2.This machine is suitable for installation above 30 meters, or for use in large fall head, multi turn air ducts, or similar environments.

Fixed Axial model:

100% new weather resistance PP material plastic cover
Mold designed by our R&D
High performance durable Copper motor
Motor protection class
Odor free cooling pad
evaporation rate ≥92%
Install with air duct
Auto self-cleaning
LCD touch panel with WIFI control

*3-blade can change into 9-blade to get farther air supply.



●FAD18-ER
●FAD18-IQ



●FAB18-ER
●FAB18-IQ



●FAU18-ER
●FAU18-IQ



●FAD23-ER



●FAB23-ER



●FAU23-ER

Model	FAD18-ER	FAD18-IQ	FAB18-ER	FAB18-IQ	FAU18-ER	FAU18-IQ	FAD23-ER	FAB23-ER	FAU23-ER
Voltage/Frequency(V/Hz)	380/50	220/50	380/50	220/50	380/50	220/50	380/50	380/50	380/50
Fan Speed	1	50	1	50	1	50	1	1	1
Control panel	LCD touch panel		LCD touch panel		LCD touch panel		LCD touch panel	LCD touch panel	LCD touch panel
Power/Current(kW/A)	1.1/2.6	1.1/7.5	1.1/2.6	1.1/7.5	1.1/2.6	1.1/7.5	1.3/3	1.3/3	1.3/3
Maximum airflow(m³/h)	18000	18000	18000	18000	18000	18000	23000	23000	23000
Direct/duct Air supply distance(m)	22/25	22/25	22/25	22/25	22/25	22/25	25/35	25/35	25/35
Noise (dB)	≤68	≤68	≤68	≤68	≤68	≤68	≤76	≤76	≤76
Fan type	Nylon 3-blade/axial		Nylon 3-blade/axial		Nylon 3-blade/axial		Nylon 9-blade/axial	Nylon 9-blade/axial	Nylon 9-blade/axial
Water tank capacity(L)	25	25	25	25	25	25	25	25	25
Measure(mm)	1080 x 1080 x 980		1080 x 1080 x 980		1080 x 1080 x 995		1080 x 1080 x 980	1080 x 1080 x 980	1080 x 1080 x 995
20GP/40HQ(pcs)	20/44	20/44	20/44	20/44	20/44	20/44	20/44	20/44	20/44



●FAD23-IQ



●FAB23-IQ



●FAU23-IQ



●FAD25-ER
●FAD25-IQ



●FAB25-ER
●FAB25-IQ



●FAU25-ER
●FAU25-IQ

Model	FAD23-IQ	FAB23-IQ	FAU23-IQ	FAD25-ER	FAD25-IQ	FAB25-ER	FAB25-IQ	FAU25-ER	FAU25-IQ
Voltage/Frequency(V/Hz)	220/50	220/50	220/50	380/50	220/50	380/50	220/50	380/50	220/50
Fan Speed	50	50	50	1	50	1	50	1	50
Control panel	LCD touch panel	LCD touch panel	LCD touch panel	LCD touch panel		LCD touch panel		LCD touch panel	
Power/Current(kW/A)	1.3/8.5	1.3/8.5	1.3/8.5	1.5/3.1	1.5/10	1.5/3.1	1.5/10	1.5/3.1	1.5/10
Maximum airflow(m³/h)	23000	23000	23000	25000	25000	25000	25000	25000	25000
Direct/duct Air supply distance(m)	25/35	25/35	25/35	28/40	28/40	28/40	28/40	28/40	28/40
Noise (dB)	≤76	≤76	≤76	≤78	≤78	≤78	≤78	≤78	≤78
Fan type	Nylon 9-blade/axial	Nylon 9-blade/axial	Nylon 9-blade/axial	Nylon 9-blade/axial		Nylon 9-blade/axial		Nylon 9-blade/axial	
Water tank capacity(L)	25	25	25	25	25	25	25	25	25
Measure(mm)	1080 x 1080 x 980	1080 x 1080 x 980	1080 x 1080 x 995	1080 x 1080 x 1270		1080 x 1080 x 1270		1080 x 1080 x 1285	
20GP/40HQ(pcs)	20/44	20/44	20/44	10/44	10/44	10/44	10/44	10/43	10/43

Mobile type model:

100% new weather resistance PP material plastic cover
Mold designed by our professional R&D
High performance durable motor
Wheels with break
Odor free cooling pad
evaporation rate ≥92%
Energy saving
Multi-function



Model	MAB06-EQ	MAB07-EQ	MAB09-DQ	MCB08-EQ	MCB10-DQ	MAB14-EQ	MAB17-DQ
Fan Speed	3-speed	3-speed	9-speed	3-speed	9-speed	3-speed	9-speed
Power(W)	200	280	320	480	600	560	640
Maximum airflow(m³/h)	6300	7600	8500	3500	5000	15200	17000
Air supply distance(m)	11	11	13	16	18	11	13
Fan type	Aluminum alloy 3-blade/axial	Nylon 4-blade/axial	Nylon 4-blade/axial	PP/centrifugal	PP/centrifugal	Nylon 4-blade/axial	Nylon 4-blade/axial
Voltage/Frequency(V/Hz)	220/50	220/50	220/50	220/50	220/50	220/50	220/50
Water tank capacity(L)	40/120	40/120	40/120	40/120	40/120	120	120
Measure(big water tank)(mm)	910 x 490 x 1380	910 x 490 x 1380	910 x 490 x 1380	840 x 490 x 1380	840 x 490 x 1380	910 x 490 x 2190	910 x 490 x 2190
Measure(small water tank)(mm)	910 x 490 x 1090	910 x 490 x 1090	910 x 490 x 1090	840 x 490 x 1090	840 x 490 x 1090	-	-
Measure(support)(mm)	910 x 600 x 1760	910 x 600 x 1760	910 x 600 x 1760	-	-	-	-
20GP/40HQ(pcs)(Big)	47/116	47/116	47/116	47/116	47/116	28/58	28/58
20GP/40HQ(pcs)(Small)	48/142	48/142	48/142	56/118	56/118	-	-
20GP/40HQ(pcs)(support)	48/138	48/138	48/138	-	-	-	-



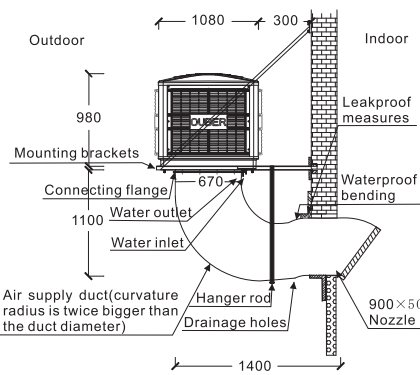
Window type model:

100% new Sunproof material plastic cover
Mold designed by our professional R&D
High Performance durable motor
Odor free cooling pad
Evaporation rate 92%
1-8 hours timer to shutdown*
Auto self-cleaning
Quiet and stable electric diffuser
10-meter remote control
Energy saving

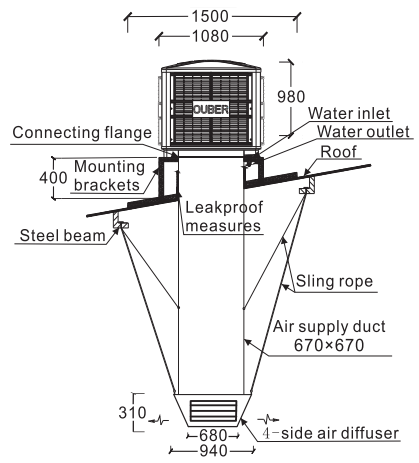


Model	MAB18-IQ	MAU18-IQ	FAB04-DQ/1	FAB07-EQ	FAB09-DQ	FAB13-DQ	FAB15-DQ/1	FAB18-IQ/1
Fan Speed	50-speed	50-speed	9-speed	3-speed	9-speed	18-speed	50-speed	50-speed
Power(W)	1100	1100	125	280	320	550	600	1100
Maximum airflow(m³/h)	18000	18000	4000	7600	8500	13000	15000	18000
Air supply distance(m)	24	28	8	11	13	16/25	18	25
Fan type	Nylon 3-blade/axial	Nylon 3-blade/axial	Nylon 4-blade/axial	Nylon 4-blade/axial	Nylon 4-blade/axial	Nylon 4-blade/axial	Nylon 3-blade/axial	Nylon 3-blade/axial
Voltage/Frequency(V/Hz)	220/50	220/50	220/50	220/50	220/50	220/50	220/50	220/50
Water tank capacity(L)	175	300	15	40	40	30	30	30
Measure(mm)	1160 x 1080 x 1780	1080 x 1080 x 1940	580 x 800 x 850	910 x 740 x 1000	910 x 740 x 1000	1060 x 630 x 930	1060 x 900 x 1220	1060 x 900 x 1220
20GP/40HQ(pcs)	15/40	10/20	110/278	56/142	56/142	38/103	31/70	31/70

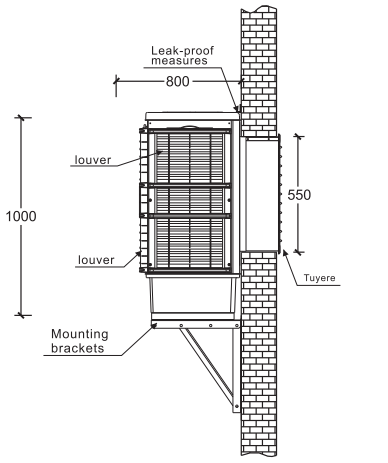
FAD18-25 series installation side view



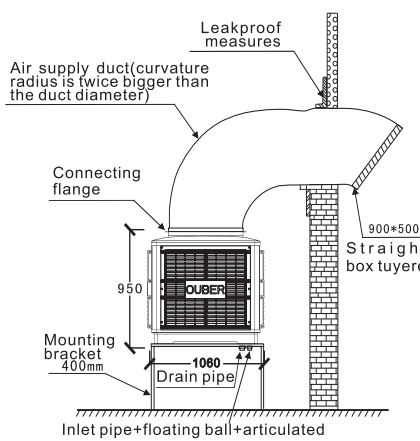
four/eight sides diffuser installation



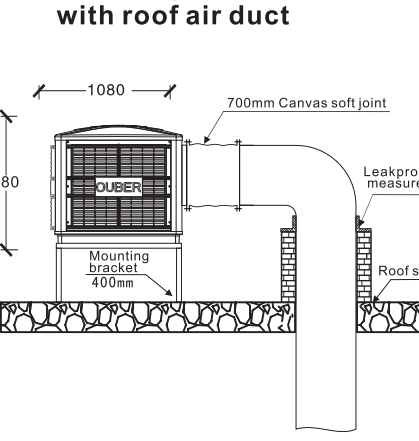
FAB07-EQ Installation side view of window type air cooler



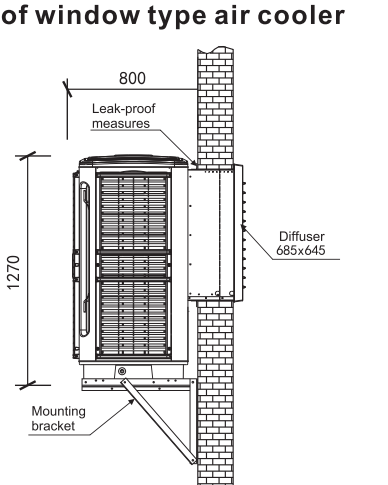
FAU18-25 series installation side view



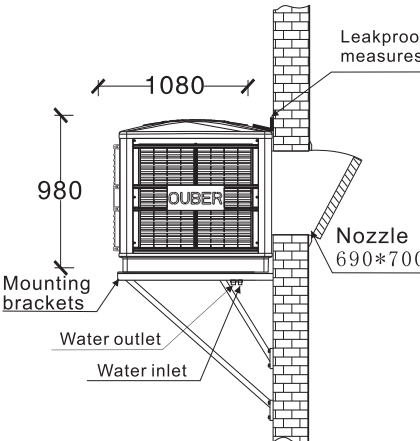
Installation drawing of centrifugal air cooler with roof air duct



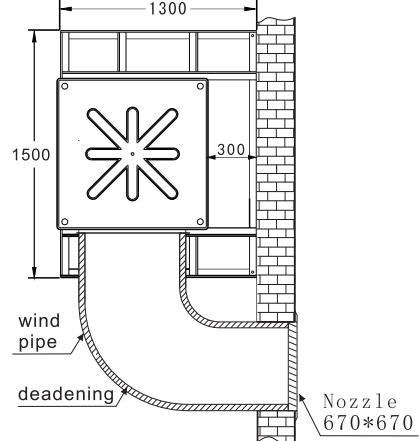
FAB04-EQ & FAB18-EQ Installation side view of window type air cooler



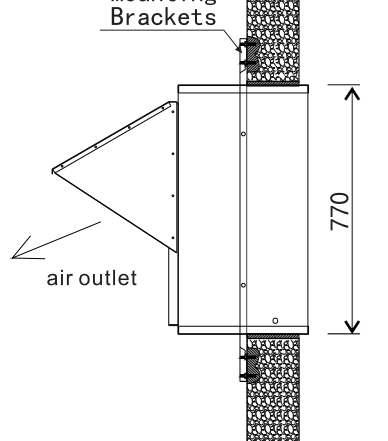
FAB18-25 series installation side view



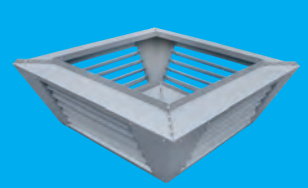
FAB18-25 series super quiet type installation top view



FAB18-23 series Exhaust fan installation side view



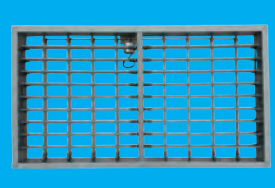
OUBER Air cooler professional engineering spare parts(optional parts)



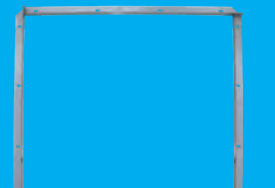
4- side diffuser



8-side diffuser



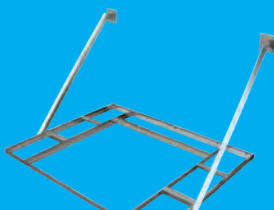
manual/electric diffuser
(purple:900*500mm)
(customer size made)



Flange



galvanized elbow
(not including flange
and diffuser)



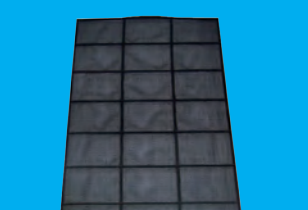
Mounting bracket



Mobile bracket



UV lamp



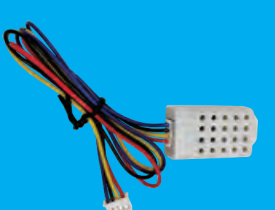
Filter



Quick joint for water inlet
(for Mobile type model)



High water pump



Temperature and
humidity sensors

parameter table of ventilating and lowering temperature

Outlet Temp. (WBT) (°C) Environment Temp. (DBT)	Humidity	10%	20%	30%	40%	50%	60%	70%	80%	90%
25°C		10.4	12.5	14.4	16.2	17.9	19.5	21.0	22.4	23.7
27°C		11.5	13.7	15.8	17.7	19.5	21.2	22.8	24.3	25.7
30°C		13.1	15.6	17.9	20.0	22.0	23.8	25.5	27.1	28.6
32°C		14.2	16.9	19.3	21.5	23.6	25.5	27.3	29.0	30.6
35°C		15.8	18.8	21.4	23.9	26.1	28.1	30.1	31.8	33.5
37°C		16.8	20.0	22.8	25.4	27.8	29.9	31.9	33.7	35.4
40°C		18.4	21.9	25.0	27.7	30.2	32.5	34.6	36.6	38.4
42°C		19.4	23.1	26.4	29.3	31.9	34.3	36.5	38.5	40.1
45°C		21.0	25.0	28.6	31.7	34.4	36.9	39.2	41.3	43.2
47°C		22.0	26.3	30.0	33.3	36.1	38.7	41.1	43.2	45.2
50°C		23.5	28.2	32.2	35.6	38.7	41.4	43.8	46.1	48.1
52°C		24.6	29.5	33.7	37.2	40.4	43.2	45.7	48.0	50.1
55°C		26.1	31.5	35.9	39.6	42.9	45.8	48.5	50.8	53.0
57°C		27.2	32.8	37.3	41.2	44.6	47.6	50.3	52.7	55.0
60°C		28.7	34.7	39.6	43.7	47.2	50.3	53.1	55.6	57.9

The cooling effect in the gray area is limited.





