Household Cooler

Commercial Cooler
Industrial Cooler

KERUILAI

Industrial Evaporative Air Coolers

Fresh , Filtered & Cool Air
At Low Power Consumption

About Keruilai

▲ Keruilai China Headquarters

Keruilai was established in 2001 in Dongguan City, Guangdong Province, China. Owing to its relentless endeavor for the past 20-years, Keruilai has emerged as a renowned international entity with cutting edge manufacturing setup, state-of-the-art R&D hub and formidable sales network.

From the very beginning, Keruilai has been focused on the development and production of industrial, commercial, and household evaporative air coolers under one roof. Now, Keruilai can provide solutions for any kind of air cooling needs, ranging from 300CMH to 100,000 CMH airflow. Keruilai has its footprint in 50 countries across the globe and still counting.

Keruilai has the most advanced evaporative air cooling technology laboratories in the world consisting of air volume lab, air pressure measurement laboratory, noise measuring lab, etc. Keruilai's mastery on evaporative air cooling technology is undoubtable and as a thought leader in this industry, Keruilai is involved in drafting many industrial standards such as evaporative air conditioner national standards, air cooling fan national standards, etc.; Moreover, Keruilai owns more than 50 domestic invention patents of utility models and others.

Way back in 2003, as the pioneer in China EAC industry, Keruilai earned its ISO9001 international quality management system certification. Riding on its impeccable production and quality management system, Keruilai products obtained their due recognition by getting national CCC certification, CE certification, ETL certification, CSA certification, international electrotechnical CB certification, and quality certification. Keruilai products has also got prestigious national recognition as "green star products".

Over the years, Keruilai has built an enviable team of professionals with in depth knowledge and experience in R&D, production, sales and marketing domain. With its superior teamwork the company earned several recognitions like "Famous trademarks of Guangdong province". "Guangdong famous brand product", "Outstanding environmental protection enterprise of Guangdong province", "High-tech enterprise". "the national AAAA level standardization good industry enterprise", etc.

In 2011, a Swedish conglomerate, Munters Group invested in Keruilai and brought in its advance technology from Europe. In 2015, world's largest air cooling company, India based Symphony Limited took over Keruilai and re-christened it as Guangdong Symphony Keruilai Air Coolers Limited.

At this juncture, Keruilai is poised to take a big leap and rewrite history in the global air cooling industry with the widest product range, superior technological prowess and worldwide network.

▲ Symphony Group India Headquarters

About Symphony Limited

Keruilai's parent company Symphony Limited, is the world's largest evaporative air cooler manufacturer. Symphony's legacy can be traced back to the 1930s. in 1939, IMPCO, a member of Symphony group, invented the world's first evaporative air cooler. Symphony is the most respected air cooling brand in the world with market value of $1.5 billion US dollars. Having manufacturing bases in North America, India, Australia Mexico and China, Symphony has its presence in over 60 countries around the world.

▲ IMPCO,Mexico

◄ Climate Technologies, Australia

Bonaire, USA ►

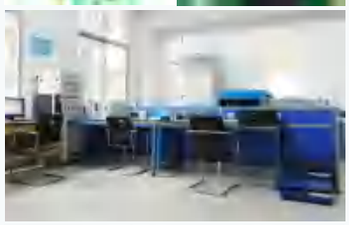
Keruilai Milestone

2001

Keruilai
科瑞莱

Year of Established

2002



The first Evaporative Air Cooler Brand in China to meet the technology evaluation requirement of ""Green Star Product"

2003

Passed ISO9001 Quality Management System

2006

Obtained the first CE Certification (Mandatory EU Certification) to enter Europe market

2008

Winned the title of "Guangdong famous brand product"and was rated as famous trademark of Guangdong province.

2009

China central leaders visited Keruilai

2012

Deputy head of the committee for drafting national standard "The safety of household and similar electrical evaporative air cooling fan and the special requirements of an evaporative air conditioner"

2013

Awarded "National Advanced Enterprise of Quality Integrity Initiative";
Winned the title of "China Famous Brand";
Introduced KF60-W70 & others.

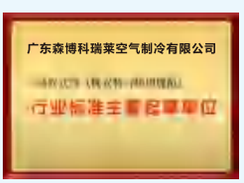
2014

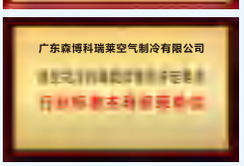
Globally, more than 350,000 Keruilai industrial air coolers. installed;
Also, Keruilai led the committee to draft the national industry standard of evaporative air cooling;
Introduced KM22 & others.

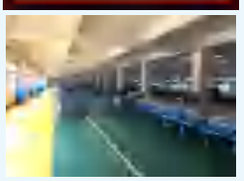
2015

Authorized over 50 independent technological patents by 2015;
The world leader in evaporative air coolers, Symphony Limited, acquires Keruilai;
Introduced KM32 & others

2016







Relocated to HongMei for better integrated infrastructure and to ensure better service to customers; Keruilai led the committee to draft the national industry standard for energy efficiency in evaporative air coolers.

2017

New logo and identity to represent fresh initiatives on innovation;
Introduced KD18-J & others.

2018

Products export to Qatar and used for the 2022 World Cup .
Introduced KF100 & KF200 Series.

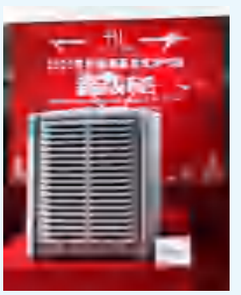
Symphony acquired Climate Technologies-leading air cooler brand at Australia.

Indian elites of air cooling industry visited Keruilai.
Introduced KD18YP & others.

2019

2020

Introduced KM35 & others.



Awarded the National New Technology Enterprise Certification

2021

2022

Introduced KD23&KREEN.

Keruilai Evaporative Air Cooler Structure and Cooling Principle

Keruilai evaporative air cooler is mainly composed of chassis, column, top cover, side frames, evaporative cooling pads, water distributor and other electrical/electronic parts (like motor, pump, inlet solenoid valve, drain valve, water level sensor, controller, PCB) and other miscellaneous parts.

Cooling Principle Schematic

As schematically shown above, when the cooler is working, the water will be pumped from the chassis to the water distributor, and, be distributed evenly to the evaporative cooling pads, then go back to the chassis. Meanwhile, the outside hot air is drawn through the wetted cooling pads and filtered and reduced in temperature before delivering to the user space.

Cooling **Dust Removal**

Fresh Air **Purification**

Working principle of Keruilai Evaporative Air Coolers

Filtered and cooled by an evaporative air cooler, the outdoor fresh air is continuously sent into the indoor space through the air duct and air supply outlets. With the continuous supply of fresh air, the indoor space is in a positive pressure condition, thus the original hot air containing odor and dust will be emitted out of the room, resulting in a cool, ventilated, clean and comfortable environment. Suitable exhaust area and effective exhaust are essential for satisfactory performance of any evaporative air cooling system.

NASA Research

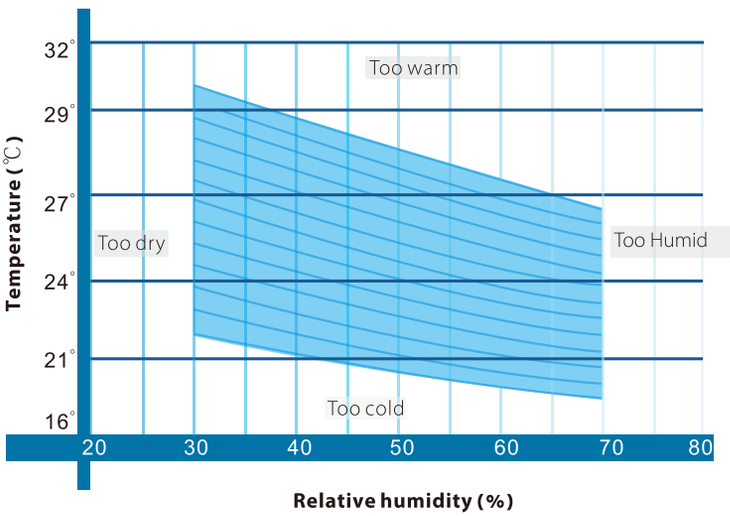
NASA found and reported in heat stress report CR-1205(1) that temperatures over 75°F negatively affect both the productivity and accuracy of work. The following table is a summary of the relationship identified during NASA tests between temperature, work output and accuracy.

Effective Temperature°F/°C	75/24	80/27	85/29	90/32	95/35	100/38	105/41
Loss of Work output	3%	8%	18%	29%	45%	62%	79%
Loss in Accuracy	0%	5%	40%	300%	700%	>700%	>700%

*According to NASA Survey

Human Comfort Zone

Also Known as the thermal comfort zone, this refers to the range of temperature and humidity conditions that most people will find comfortable. Meaning, that people working in such a zone are likely to be at their most productive state.



Temperature Sensation on Human

Air Velocity m/s	Supply Air Temperature ℃							
	25	26	27	28	29	30	31	32
	Equivalent Temperature Sensation on Human ℃							
8	22.1	23.5	24.7	26.5	27.8	29.2	29.8	32.2
9	22.1	23.5	24.7	26.5	27.8	29.2	29.8	31.2
10	22.0	23.3	24.5	26.2	27.4	29	29.6	31
11	22.0	23.2	24.5	26.2	27.4	29	29.6	31
12	21.9	23.1	24.3	26	27.2	28.8	29.4	30.6

Advantages of Keruilai central air cooling solutions

Improved productivity

Research shows that productivity increases manifold in a comfortable working environment. Keruilai Central Air Coolers create a working environment free of any heat related stress even on the hottest day.

Improved staff morale

Improved environment conditions at the workplace bring about better staff morale and higher tendency to abide by quality and safely instructions.

Improved air quality

An air cooled space is good for health as there's a constant influx of fresh air. As a result, it prevents sick building syndrome, irritation of eyes/throat/nose, headache, dizziness, hypersensitivity, nausea, coughing and other allergies, which are caused by poor ventilation.

Save on carbon footprints

As evaporative air cooling does not involve any chemicals, it doesn't emit carbon dioxide or any other harmful gases in the environment, and thereby keeps the environment clean. This, coupled with the fact that evaporative air coolers consume less electricity, there is drastic saving on overall carbon footprint.

World leader in energy efficiency

As per test results, Keruilai air coolers energy efficiency is better than any other known product.

Fewer Rest Pauses

With indoor air quality under control, workers tend to take fewer breaks to get refreshed.

Increased life of company assets

The air is free from dust and dryness and hence does not induce static electricity. This leads to a longer life of electrical and electronic devices. Since almost all the equipment use electrical/electronic circuits, Keruilai central air system increases the life of most of your assets.

Decrease in staff turnover and absenteeism

Better, comfortable working environments are likely to reduce employee turnover and absenteeism.

Save on maintenance

The only two mechanical parts in most basic evaporative coolers are the fan motor and the water pump; both of which can be repaired inexpensively and are designed to be service-friendly.

Save on initial cost

Estimated cost of installation is significantly less compared to central air conditioning.

Save on electricity

Power consumption is typically reduced by 2/3rd of the refrigerated air.

Keruilai Products

KD18

Model		KD18A	KD18A-V	KD18B	KD18B-V	KD18C	KD18C-V
Discharge Type		Bottom	Bottom	Side	Side	Top	Top
Nominal Max Airflow	m^3/h	18000	18000	18000	18000	18000	18000
Voltage/Hertz/Phase	V/Hz/Ph	380-415/50/3	220-240/50/1 220-240/60/1	380-415/50/3	220-240/50/1 220-240/60/1	380-415/50/3	220-240/50/1 220-240/60/1
Motor Power	KW	1.1	1.1	1.1	1.1	1.1	1.1
Cooling Capacity*	KW	43	43	43	43	43	43
Evaporative Efficiency*	[%]	84	84	80	80	84	84
Evaporative Capacity*	L/h	65	65	65	65	65	65
Sound Pressure Level @1m	dB(A)	68	68	68	68	68	68
Water Tank Volume	L	25	25	35	35	35	35
Air Outlet Dimensions	mm	670 × 670	670 × 670	670 × 670	670 × 670	735 × 735	735 × 735
Unit Size	mm	1100 × 1100 × 1000	1100 × 1100 × 1000	1190 × 1100 × 950	1190 × 1100 × 950	1100 × 1100 × 1020	1100 × 1100× 1020
Net Weight	Kg	62	62	63	63	66	66
Running Weight	Kg	95	95	105	105	108	108
Shipping Quantity	40HQ	72(SKD)	72(SKD)	60(SKD)	60(SKD)	62(SKD)	62(SKD)

Features

- High performance cooling pads
- Wired remote controller with running status LED display
- 9 fan adjustable speeds for single phase (KD18A-V,KD18B-V,KD18C-V)
- Single speed for 3 phase (KD18A,KD18B,KD18C)
- Optimized motor and fan to deliver low noise and powerful airflow
- Auto Clean available to keep tank and water clean all the time and thereby also prevent frequent clogging of pads
- Easy installation and maintenance
- High quality air pre-filter to protect the cooling pad

Target Applications

- Factory
- Workshops
- Supermarkets
- Schools
- Entertainment Centers

KD18 (A & C)	
CMH	Ext Stat Pre, Pa
8300	175
8850	150
9900	125
10600	100
11300	75

KD18B	
CMH	Ext Stat Pre, Pa
7500	175
8000	150
8900	125
9500	100
10100	75

*Under test condition DB38℃/WB23℃
*Above specifications and external appearance are subject to change without prior notice ,and, actual measurements may vary within +/-10% of specified values.
*Keruilai's air coolers can provide a silent working environment compared to others.

KD18-J

Features

- High performance cooling pads
- Optimized motor and fan to deliver low noise and powerful airflow
- Easy installation and maintenance

Target Applications

- Factory plants
- Factory workshops
- Supermarkets
- Schools
- Entertainment Centers

Note

- KD18-J is a general-purpose air cooler with its own motor and pump, and without any controls.

KD18-J (A & C)	
CMH	Ext Stat Pre, Pa
8300	175
8850	150
9900	125
10600	100
11300	75

KD18B-J	
CMH	Ext Stat Pre, Pa
7500	175
8000	150
8900	125
9500	100
10100	75

Model		KD18A-J	KD18B-J	KD18C-J
Discharge Type		Bottom	Side	Top
Nominal Max Airflow	m^3/h	18000	18000	18000
Voltage/Hertz/Phase	V/Hz/Ph	220-240/50/1 ~~/~~ 380-415/50/3	220-240/50/1 ~~/~~ 380-415/50/3	220-240/50/1 ~~/~~ 380-415/50/3
Motor Power	KW	1.1	1.1	1.1
Cooling Capacity*	KW	43	43	43
Evaporative Efficiency*	[%]	84	80	84
Evaporative Capacity*	L/h	65	65	65
Sound Pressure Level @1m	dB(A)	68	68	68
Water Tank Volume	L	25	35	35
Air Outlet Dimensions	mm	670×670	670×670	735×735
Unit Size	mm	1100×1100×1000	1190×1100×950	1100×1100×1020
Net Weight	Kg	58	59	62
Running Weight	Kg	91	101	104
Shipping Quantity	40HQ	72(SKD)	60(SKD)	62(SKD)

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KD23-J

NEW

Model		KD23A-J	KD23C-J
Discharge Type		Bottom	Top
Nominal Max Airflow	m^3/h	23000	23000
Voltage/Hertz/Phase	V/Hz/Ph	380-415/50/3	380-415/50/3
Motor Power	KW	1.3	1.3
Cooling Capacity*	KW	55	55
Evaporative Efficiency*	[%]	85	85
Evaporative Capacity*	L/h	65	65
Sound Pressure Level @1m	dB(A)	69	69
Water Tank Volume	L	25	25
Air Outlet Dimensions	mm	670×670	670×670
Unit Size	mm	1100×1100×1230	1100×1100×1250
Net Weight	Kg	66	69
Running Weight	Kg	97	111
Shipping Quantity	40HQ	59(SKD)	48(SKD)

Features

- High performance cooling pads
- Optimized motor and fan to deliver low noise and powerful airflow
- Easy installation and maintenance

Target Applications

- Factory plants
- Factory workshops
- Supermarkets
- Schools
- Entertainment Centers

Note

- KD23-J is a general-purpose air cooler with its own motor and pump, and without any controls.

KD23A-J&KD23C-J	
CMH	Ext Stat Pre, Pa
8380	175
10010	150
11000	125
12006	100
12860	75

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KD25

Features

- **Innovative fan**: patent axial fan blade with excellent performance.
- **Eco-efficient**: eer can reach eu standard, more energy-saving
- **More air flow**: get more airflow than similar size products in existing market
- **Powerful**: can running with longer air duct than normally cooler.
- **Quiet**: noise is lower than those similar products under the same condition of air pressure.
- **High cooling efficiency**: larger size pad, high quality pad to guarantee long-term effective cooling.
- Wired remote controller with running status LED display
- Optimized motor and fan to deliver low noiseand powerful airflow
- Auto clean available to keep tank and water clean all the time and thereby also prevent frequent clogging of pads
- High quality air re-filter to protect the cooling pad
- Optional Single speed (KD25A & KD25C) and 12 speeds (KD25A-V & KD25C-V)

Target Applications

- Automobile Assemble and Accessories Factories
- Plastic Injection and Rubber Factories
- Textile Mills
- Hardware Processing Factories
- Maintenance Workshops of High-Speed Trains
- Parks

KD25 (A & C)	
CMH	Ext Stat Pre, Pa
11800	175
12600	150
13400	125
14100	100
15000	75

Model		KD25A	KD25A-V	KD25C	KD25C-V
Discharge Type		Bottom	Bottom	Top	Top
Nominal Max Airflow	m^3/h	25000	25000	25000	25000
Voltage/Hertz/Phase	V/Hz/Ph	380-415/50/3	220-240/50/1 / 220-240/60/1	380-415/50/3	220-240/50/1 / 220-240/60/1
Motor Power	KW	1.5	1.5	1.5	1.5
Cooling Capacity*	KW	65	65	65	65
Evaporative Efficiency*	[%]	90	90	90	90
Evaporative Capacity*	L/h	80	80	80	80
Sound Pressure Level @1m	dB(A)	69	69	69	69
Water Tank Volume	L	25	25	35	35
Air Outlet Dimensions	mm	670 × 670	670 × 670	735 × 735	735 × 735
Unit Size	mm	1100 × 1100 × 1230	1100 × 1100 × 1230	1100 × 1100 × 1250	1100 × 1100 × 1250
Net Weight	Kg	70	70	73	73
Running Weight	Kg	101	101	115	115
Shipping Quantity	40HQ	59(SKD)	59(SKD)	48 (SKD)	48 (SKD)

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KM35

Features

- High performance cooling pads
- Wired remote controller with running status LED display
- Optimized motor and fan to deliver low noise and powerful airflow
- Auto Clean available to keep tank and water clean all the time and thereby also prevent frequent clogging of pads
- Easy installation and maintenance
- High quality air pre-filter to protect the cooling pad
- Optional Single speed (KM35A & KM35C) and 12 speeds (KM35A-V & KM35C-V)

Target Applications

- Automobile Assemble and Accessories Factories
- Plastic Injection and Rubber Factories
- Textile Mills
- Hardware Processing Factories
- Maintenance Workshops of High-Speed Trains
- Parks

KM35/KM35-V(A&C)	
CMH	Ext Stat Pre, Pa
17500	175
20000	150
24700	125
29300	100
32500	75

Model		KM35A	KM35A-V	KM35C	KM35C-V
Discharge Type		Bottom	Bottom	Top	Top
Nominal Max Airflow	m^3/h	35000	35000	35000	35000
Voltage/Hertz/Phase	KW/A/ph	380-415/50/3	380-415/50/3 380-415/60/3 460/60/3	380-415/50/3	380-415/50/3 380-415/60/3 460/60/3
Motor Power	KW	3.0	3.0	3.0	3.0
Cooling Capacity*	KW	97	97	97	97
Evaporative Efficiency*	[%]	90	90	90	90
Evaporative Capacity*	L/h	145	145	145	145
Sound Pressure Level @1m	dB(A)	74	74	74	74
Water Tank Volume	L	40	40	40	40
Air Outlet Dimensions	mm	777×777	777×777	777×777	777×777
Unit Size	mm	1225×1225×1350	1225×1225×1350	1225×1225×1370	1225×1225×1370
Net Weight	Kg	103	103	113	113
Running Weight	Kg	171	171	181	181
Shipping Quantity	40HQ	40 (SKD)	40 (SKD)	40 (SKD)	40 (SKD)

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KS30/KS36

Features

- High performance cooling pads
- Compact and light-weight design to facilitate the installation and transportation
- Stainless steel chassis to extend the service life
- Auto Clean available to keep tank and water clean all the time and thereby also prevent frequent clogging of pads
- High quality air pre-filter to protect the cooling pad
- Easy to operate and maintain
- KS30A/B and KS36A/B with single speed
- 12 adjustable fan speeds for "-V" version

Target Applications

- Factory
- Workshops
- Supermarkets
- Schools
- Entertainment Centers

Ext Stat Pre, Pa	CMH	
	KS30A/KS30A-V	KS30B/KS30B-V
175	15400	14700
150	18500	17600
125	20200	19200
100	22100	21000
75	23100	22000

Ext Stat Pre, Pa	CMH	
	KS36A/KS36A-V	KS36B/KS36B-V
225	15800	15000
200	18900	18000
175	22100	21000
150	24900	23700
125	26000	24800

Model		KS30A/KS30A-V	KS30B/KS30B-V	KS36A/KS36A-V	KS36B/KS36B-V
Discharge Type		Bottom	Side	Bottom	Side
Nominal Max Airflow	m^3/h	30000	30000	36000	36000
Voltage/Hertz/Phase	V/Hz/Ph	220/60/3 380-415/50/3 380-415/60/3 460/60/3 / 380-415/50/3 380-415/60/3 460/60/3	220/60/3 380-415/50/3 380-415/60/3 460/60/3 / 380-415/50/3 380-415/60/3 460/60/3	220/60/3 380-415/50/3 380-415/60/3 460/60/3 / 380-415/50/3 380-415/60/3 460/60/3	220/60/3 380-415/50/3 380-415/60/3 460/60/3 / 380-415/50/3 380-415/60/3 460/60/3
Motor Power	KW	2.2	2.2	3.0	3.0
Cooling Capacity*	KW	80	80	100	100
Evaporative Efficiency*	[%]	86	86	86	86
Evaporative Capacity*	L/h	117	117	150	150
Sound Pressure Level @1m	dB(A)	78	78	80	80
Water Tank Volume	L	65	65	65	65
Air Outlet Dimensions	mm	800 × 800	800 × 800	800 × 800	800 × 800
Unit Size	mm	1500 × 1500 × 1380	1500 × 1580 × 1380	1500 × 1500 × 1380	1500 × 1570 × 1380
Net Weight	Kg	175	170	160	155
Running Weight	Kg	270	255	255	240
Shipping Quantity	40HQ	7	7	7	7

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KT25/40/60

Model		KT25B	KT40B	KT60B	KT60C
Discharge Type		Side	Side	Side	Top
Nominal Max Airflow	m^3/h	25000	40000	60000	60000
Voltage/Hertz/Phase	V/Hz/Ph	380-415/50/3 / 220/60/3	380-415/50/3 / 220/60/3	380-415/50/3 / 460/60/3	380-415/50/3 / 460/60/3
Motor Power	KW	5.5	7.5	15	15
Cooling Capacity*	KW	80	150	260	260
Evaporative Efficiency*	[%]	84	84	84	84
Evaporative Capacity*	L/h	117	220	380	380
Sound Pressure Level @1m	dB(A)	82.5	82.5	86	86
Water Tank Volume	L	65	80	100	100
Air Outlet Dimensions	mm	620 × 571	702 × 780	831 × 924	837 × 931
Unit Size	mm	1470x1490x1358	1770 × 1770 × 1380	2055 × 1970 × 1704	1970 × 1970 × 1754
Net Weight	Kg	300	450	630	625
Running Weight	Kg	375	555	755	760
Shipping Quantity	40HQ	7	6	5	5

Features

- High air pressure and long distance air delivery
- High performance cooling pads
- Stainless steel chassis to extend the service life
- Auto Clean available to keep tank and water clean all the time and thereby also prevent frequent clogging of pads
- High quality air pre-filter to protect the cooling pad
- Easy to operate and maintain

Target Applications

- Factory
- Large workshops
- Supermarkets
- Entertainment Centers
- Hospitals

KT25B	
CMH	Ext Stat Pre, Pa
15600	250
16800	225
17800	175
18900	150
19900	125

KT40B	
CMH	Ext Stat Pre, Pa
21000	350
24000	325
27500	300
30000	275
32000	250

CMH		Ext Stat Pre, Pa
KT60B	KT60C	
21800	22900	500
32300	33900	450
35700	37500	400
40000	42000	350
43300	45500	300

*Under test condition DB38℃/WB23℃
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*Keruilai's air coolers can provide a silent working environment compared to others.

KT70/80/100

Model		KT70C	KT80B	KT100B	KT100C
Discharge Type		Side	Side	Side	Top
Nominal Max Airflow	m^3/h	70000	80000	100000	100000
Voltage/Hertz/Phase	V/Hz/Ph	380/50/3	380/50/3	380/50/3	380/50/3
Motor Power	KW	22/43.1/3	30/57.4/3	45/84.7/3	45/84.7/3
Cooling Capacity*	KW	300	350	420	420
Evaporative Efficiency*	[%]	92	92	92	92
Evaporative Capacity*	L/h	430	500	620	620
Sound Pressure Level @1m	dB(A)	89	89	95	95
Water Tank Volume	L	100	120	120	130
Air Outlet Dimensions	mm	837*931	831*924	1109*990	1109*990
Unit Size	mm	1970*1970*1754	2917*2367*1804	2867*2367*1854	2770*2370*2200
Net Weight	Kg	630	1180	1230	1360
Running Weight	Kg	765	1350	1400	1530

Features

- High air pressure and long distance air delivery
- High performance cooling pads
- Stainless steel chassis to extend the service life
- Auto Clean available to keep tank and water clean all the time and thereby also prevent frequent clogging of pads
- High quality air pre-filter to protect the cooling pad
- Easy to operate and maintain

Target Applications

- Factory
- Large workshops
- Supermarkets
- Entertainment Centers
- Hospitals

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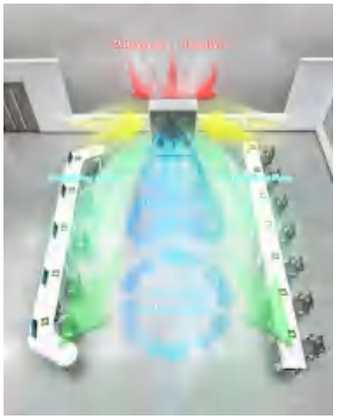
KREEN

NEW

Features

- Aesthetically appealing High Quality stainless-steel cooler
- Fresh Air flow at the body level
- Advanced Vortex air flow to cover large area effectively
- Mixing of Secondary Air stream and fresh air to improve cooling efficiency
- Large air outlet for more air
- Double layered grid at the outlet to ensure highest safety
- 12 level air speed options
- Continuous water supply connection through float valve
- Heavy Duty universal casters for easy mobility



Rotating jet flow diagram

KREEN

Model		KREEN
Nominal Max Airflow	m^3/h	40000
Voltage/Hertz/Phase	V/Hz/Ph	220-240/50/1 220-240/60/1
Power Consumption	W	750
Sound Pressure Level	dB(A)	68
Water Tank Volume	L	200
Air Outlet Dimensions	mm	1306*1370
Unit Size	mm	1380*498*1800
Net weight	kg	96
Running Weight	kg	296
Shipping Quantity	40HQ	24

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KD18YPT/KD18YP

KD18YPT

Features

- Ventilation and cooling
- Suitable for an area within 150 square meters
- Connects to water supply system for continuous supply.
- Movable stand and water tank
- Easy for operation and installation
- Single speed controller for motor and pump using protection switch.

KD18YPT

KD18YP

Features

- Ventilation and cooling
- Auto-clean for water refsesh circulating
- Suitable for an area within 150 square meters
- 9 adjustable fan speeds
- Connects to water supply system for continuous supply.
- Movable stand and water tank

Controller

KD18YP

KD18YPT

Target Applications

- Workshops
- Factories
- Supermarkets
- Schools
- Entertainment centers

Model		KD18YPT	KD18YP
Discharge Type		top	top
Nominal Max Airflow	m^3/h	18000	18000
Voltage/Hertz/Phase	V/Hz/Ph	220-240/50/1 220-240/60/1	220-240/50/1 220-240/60/1
Motor Power	KW	1.1	1.1
Cooling Capacity*	KW	50	50
Evaporative Efficiency*	[%]	90	90
Evaporative Capacity*	L/h	72	72
Sound Pressure Level @1m	dB(A)	68	68
Water Tank Volume	L	35	35
Air Outlet Dimensions	mm	695 × 490	695 × 490
Unit Size	mm	1100 × 1100 × 1960	1100 × 1100 × 1960
Net Weight	Kg	94	94
Running Weight	Kg	136	136
Shipping Quantity	40HQ	34(SKD)	34(SKD)

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KF100-125 / KF100-125T

Model		KF100-125	KF100-125T	Benefit
Nominal Max Airflow	m^3/h	9000	9000	Powerful Cooling
Voltage/Hertz/Phase	V/Hz/Ph	220-240/50/1 220-240/60/1 100-127/60/1	220-240/50/1 220-240/60/1 100-127/60/1	
Power Consumption	W	250	250	Low Power Consumption
Sound Pressure Level	dB(A)	64	64	Silent
Water Tank Volume	L	125	125	Last very long
Air Outlet Dimensions	mm	570 × 580	570 × 580	Wide Coverage
Unit Size	mm	860 × 530 × 1425	860 × 530 × 1425	Compact Size
Net weight	kg	23.5	23.5	
Running Weight	kg	133	133	
Shipping Quantity	40HQ	121	121	

Features

- Suitable for outdoor applications
- Rugged body - suitable for commercial and industrial use
- High performance honeycomb pads on all three sides
- Large capacity water tank
- Water inlet float valve
- Long distance air throw
- High quality air filters to protect cooling pad
- Three wind speeds
- Optional remote control
- Strong wheels for easy portability
- Easy removable pads, for ease of cleaning
- Can run on inverter

Target Applications

- Workshops
- Indoor stadium
- Hospitals
- Restaurants
- Gyms
- Banks
- Railway stations
- Poultry farms
- Canteens
- Residences
- Banquet halls
- Factories
- Warehouses
- Shops
- Bus stations
- Religious places
- Schools and colleges
- Outdoor events
- Horse stables
- Film studios

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KF100-180 / KF100-180T

Features

- Suitable for outdoor applications
- Rugged body - suitable for commercial and industrial use
- High performance honeycomb pads on all three sides
- Large capacity water tank
- Water inlet float valve
- Long distance air throw
- High quality air filters to protect cooling pad
- Three wind speeds
- Optional remote control
- Strong wheels for easy portability
- Easy removable pads, for ease of cleaning
- Can run on inverter

Target Applications

- Workshops
- Indoor stadium
- Hospitals
- Restaurants
- Gyms
- Banks
- Railway stations
- Poultry farms
- Canteens
- Residences
- Banquet halls
- Factories
- Warehouses
- Shops
- Bus stations
- Religious places
- Schools and colleges
- Outdoor events
- Horse stables
- Film studios

Model		KF100-180	KF100-180T	Benefit
Nominal Max Airflow	m^3/h	9000	9000	Powerful Cooling
Voltage/Hertz/Phase	V/Hz/Ph	220-240/50/1 220-240/60/1 100-127/60/1	220-240/50/1 220-240/60/1 100-127/60/1	
Power Consumption	W	250	250	Low Power Consumption
Sound Pressure Level	dB(A)	64	64	Silent
Water Tank Volume	L	180	180	Last very long
Air Outlet Dimensions	mm	570 × 580	570 × 580	Wide Coverage
Unit Size	mm	860 × 530 × 1660	860 × 530 × 1660	Compact Size
Net weight	kg	29.5	29.5	
Running Weight	kg	173	173	
Shipping Quantity	40HQ	96	96	

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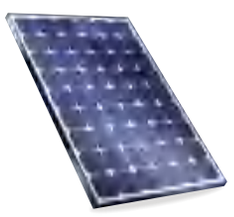
KF100-180S

Model		KF100-180S	Benefit
Nominal Max Airflow	m^3/h	9000	Powerful Cooling
Voltage/Hertz/Phase	V/Hz/Ph	AC 220-240/50 or 60/1 AC 100-127/60/1 DC 24V	
Power Consumption	W	250	Low Power Consumption
Sound Pressure Level	dB(A)	64	Silent
Water Tank Volume	L	180	Last very long
Air Outlet Dimensions	mm	570 × 580	Wide Coverage
Unit Size	mm	860 × 530 × 1660	Compact Size
Net weight	kg	41.5	
Running Weight	kg	180	
Shipping Quantity	40HQ	96	
Running time on battery	H	3-4 hours depending upon speed selection	
Battery Charging time	H	8 hours for full charge	

Features

- Suitable for outdoor applications
- Rugged body - suitable for commercial and industrial use
- High performance honeycomb pads on all three sides
- Large capacity water tank
- Water inlet float valve
- Long distance air throw
- High quality air filters to protect cooling pad
- Three wind speeds
- Remote control
- Strong wheels for easy portability
- Easy removable pads, for ease of cleaning
- Built-in battery (rechargeable) and can directly connect to solar panel power design
- Can run on its own battery (for limited time), or, on external AC power supply, or, on external DC power supply



Solar panel

Battery

Note: Solar panel and battery are not part of our product, customer can buy them and fix in the product.

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KF200-125 / KF200-125T

Features

- Suitable for outdoor applications
- Rugged body - suitable for commercial and industrial use
- High performance honeycomb pads on all three sides
- Large capacity water tank
- Water inlet float valve
- Long distance air throw
- High quality air filters to protect cooling pad
- Three wind speeds
- Optional remote control
- Strong wheels for easy portability
- Easy removable pads, for ease of cleaning
- Can run on inverter

Target Applications

- Workshops
- Indoor stadium
- Hospitals
- Restaurants
- Gyms
- Banks
- Railway stations
- Poultry farms
- Canteens
- Residences
- Banquet halls
- Factories
- Warehouses
- Shops
- Bus stations
- Religious places
- Schools and colleges
- Outdoor events
- Horse stables
- Film studios

Model		KF200-125		KF200-125T		Benefit
Nominal Max Airflow	m^3 /h	18000		18000		Powerful Cooling
Voltage/Hertz/Phase	V/Hz/Ph	220-240/50/1	220-240/60/1 100-127/60/1	220-240/50/1	220-240/60/1 100-127/60/1	
Power Consumption	W	425	500	425	500	Low Power Consumption
Sound Pressure Level	dB(A)	68		68		Silent
Water Tank Volume	L	125		125		Last very long
Air Outlet Dimensions	mm	(570 × 580) × 2		(570 × 580) × 2		Wide Coverage
Unit Size	mm	860 × 530 × 2180		860 × 530 × 2180		Compact Size
Net weight	kg	39.5		39.5		
Running Weight	kg	150		150		
Shipping Quantity	40HQ	61		61		

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Keruilai Applications

Outdoor applications

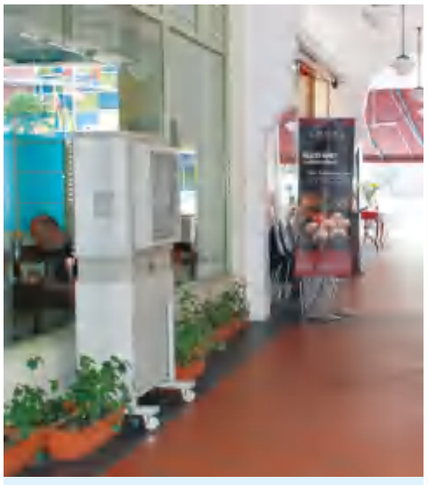
Outdoor Event

Outdoor Area of an Olympic Venue

Villa Garden

Zoo

Golf Driving Range



Outdoor Recreation

Exhibition Center

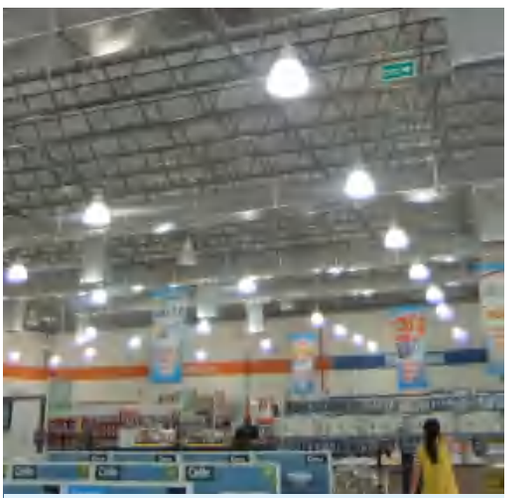
Commercial applications

Shopping Mall

Educational Institutions

Public Institution Office

Restaurant



Supermarket

Factory & workshop applications

Furniture Factory

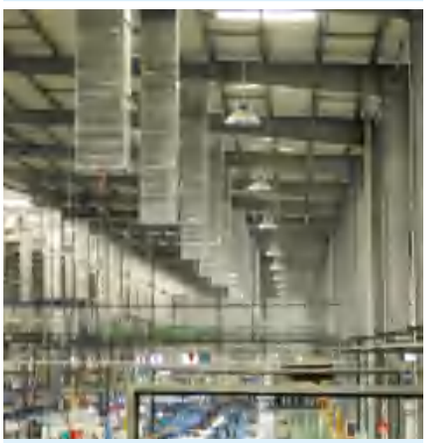
Metal Factory

Textile Mill

Hardware Processing Factory

Diecasting Factory

Automobile Assemble line



Electronic Mechanical Factory

Paper Mill

Toy Factory

Plastic Injection Facfory

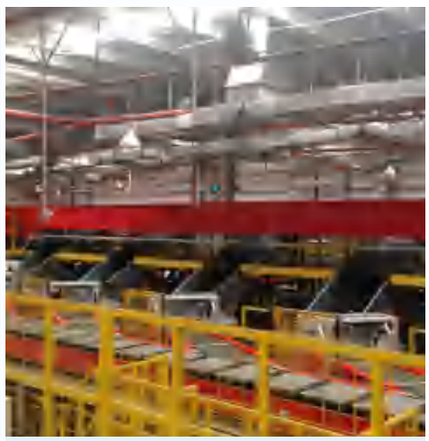
Garment Factory

Shoe Factory

Other applications

Bullet Train Maintenance Shop

Automobile Maintenance Shop



Logistic Warehouse

Chicken Farm

Logistics Workshop

Livestock Farm

Saddle Club

KERUILAI

Industrial Evaporative Air Coolers

Our Customers

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