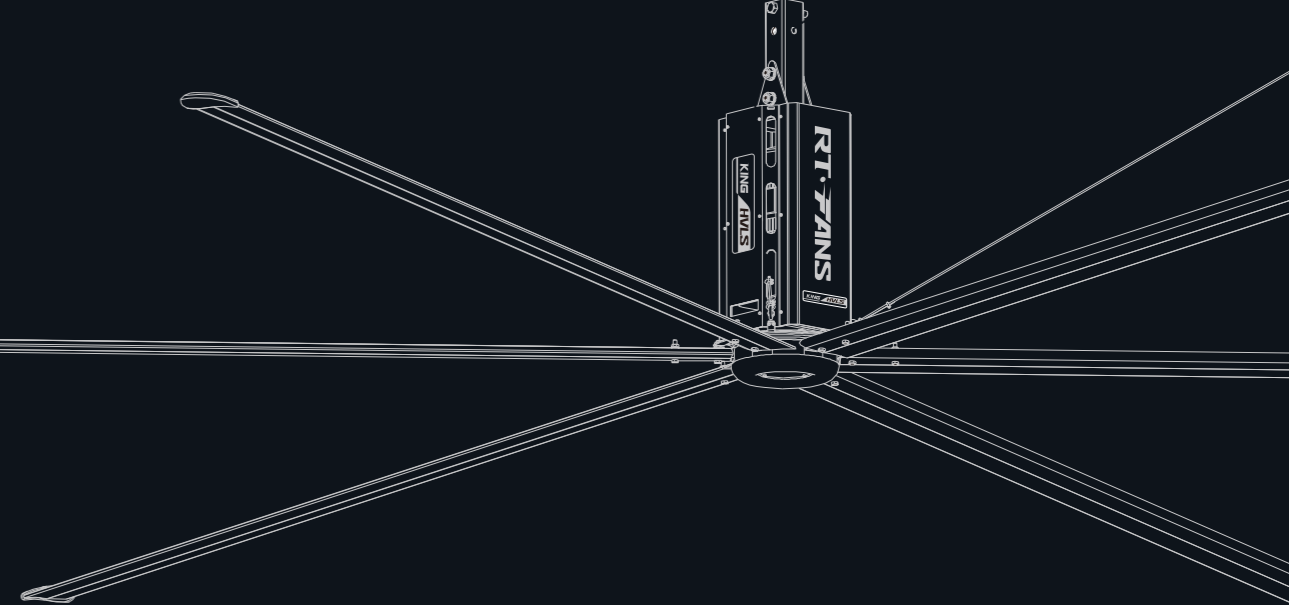


Save Energy, Stay Cool.

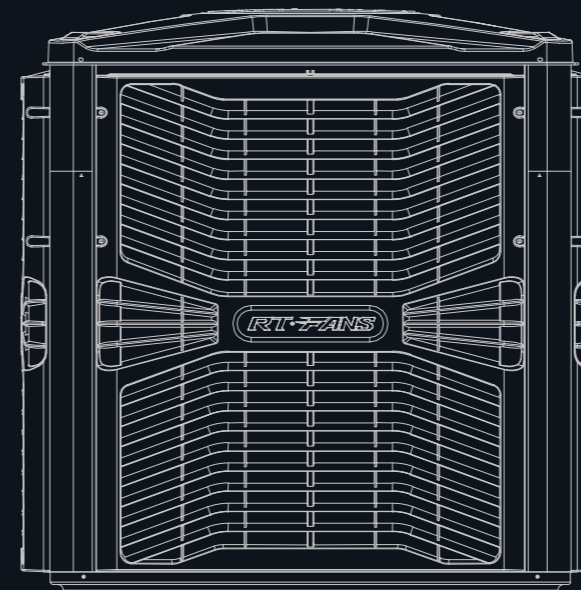
RTFANS reserves the right to make alternations to specifications, quantities, etc., for production or other reasons, subsequent to publication.



BIG SPACE

Ventilation & Cooling Solution Leader

COMBO HVLS Fan & Air Cooler



Manufacturing



Warehousing Logistics



Public Space



Commercial Space



Animal Husbandry

KOOL AIR INTERNATIONAL DEVELOPMENT LIMITED

Room 2008, 20/F, Landmark North, 39 Lung Sum AVE., Sheung Shui, N.T., Hong Kong.

Tel: +852 6065 7819

E-mail: info@koolairint.com

Website: www.koolairint.com / www.rtfans.com

GUANGDONG RUITAI VENTILATION AND COOLING EQUIPMENT CO., LTD

16th Floor, Building 1,GuangdaWe Valley Phase 3, Songshan Lake High-tech Industrial

Development Zone, Dongguan, Guangdong, China

Tel: +86 2228 2409 Hotline: 400-8877 422

RT·FANS

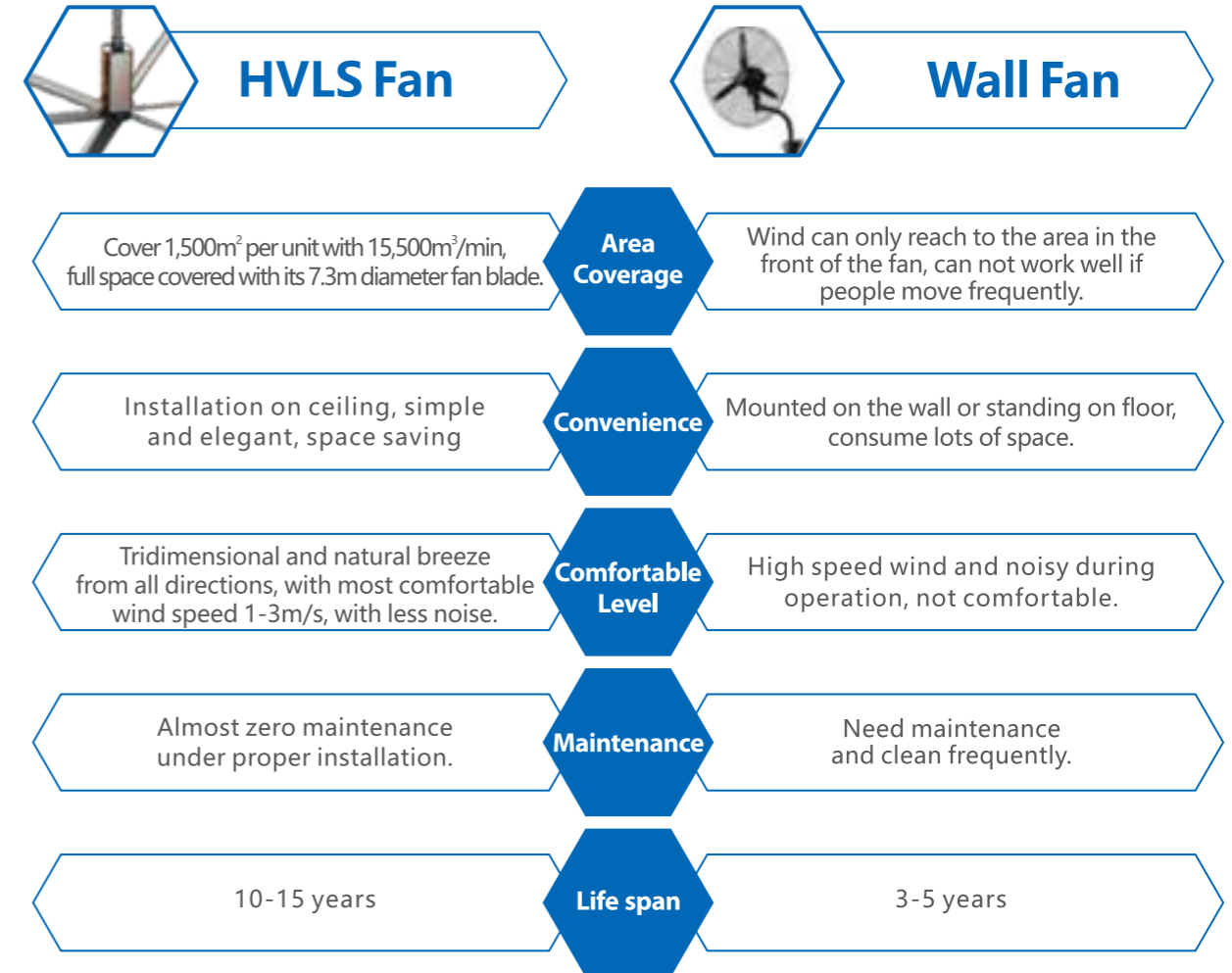


FAN & COOLER COMBO
Your perfect solution FOR **BIG**
Ventilation & Cooling **SPACE**



HVLS Fan Advantages

Compare with Wall Fan



	HVLS Fan	Wall Fan
Fan Diameter (m)	7.3	0.75
Power (kW)	1.5	0.36
Air Flow (m ³ /min)	15,500	300
Effective Area (m ²)	1,500	30
Factory Area (m ²)	9,000	9,000
Total Units Installed	6	300
Total Kw Installed	9	108
Consumption/Year @10hrs/day @26 days/mth	28,080	336,960

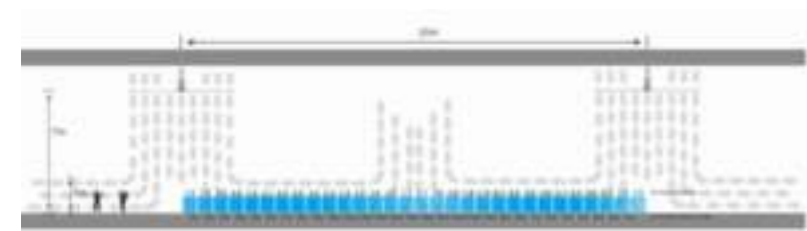
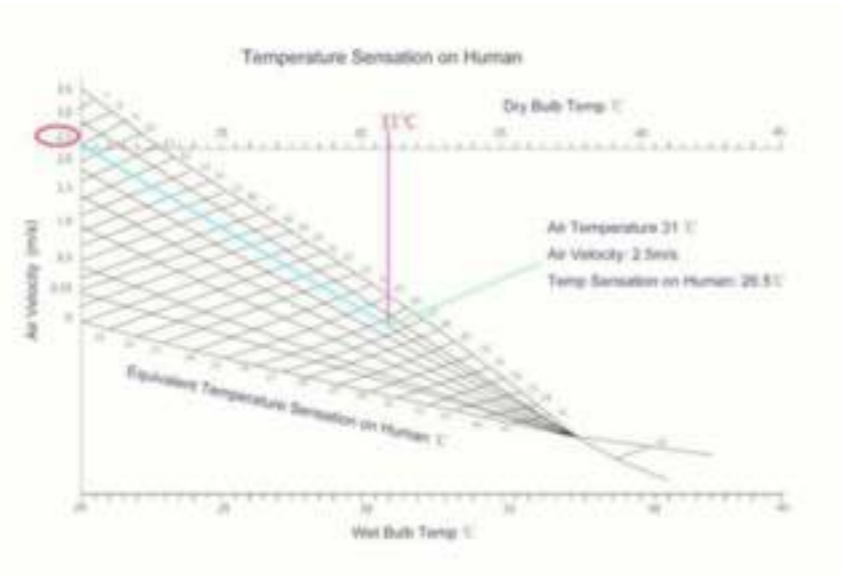
Remark: Figures base on 9000m² workspace area



Functions-HVLS Fan

Wind Chill Effect

The air passes over human skin (Similar to a fan created effect) thereby causing a lower temperature sensation.



Natural Ventilation

Air exchange with outside fresh air rapidly through the window or roof ventilator, reducing the turbid air and providing people a comfortable environment.

Dehumidification

HVLS fan can accelerate the air mixing of whole space which helps to distribute and absorb the odours, smoke and humidity very well, thus to improve the quality of air and provide a fresh, arid and safe environment.

	RH Value					
	30%	40%	50%	60%	70%	80%
Normal RH	30%	40%	50%	60%	70%	80%
RH with HVLS Fan Running	27%	35%	43%	50%	58%	65%
RH Decreased By No.	3%	5%	7%	10%	12%	15%
RH Decreased By %	10.00%	12.50%	14.00%	16.67%	17.14%	18.75%

Application

As the leading brand in HVLS fans and Evaporative Air coolers, RTFANS has a complete product portfolio, the diameter of the HVLS fan is 2.7M to 7.3M, the air volume of the air cooler is 6,000m³/h to 60,000m³/h. Our products have a wide application range and remarkable effect, as well as proven superb quality.



Factory



Workshop



Manufacturing



Warehouse



Logistic Center



Airport



Metro Station



Waiting Room



Garage



Gym

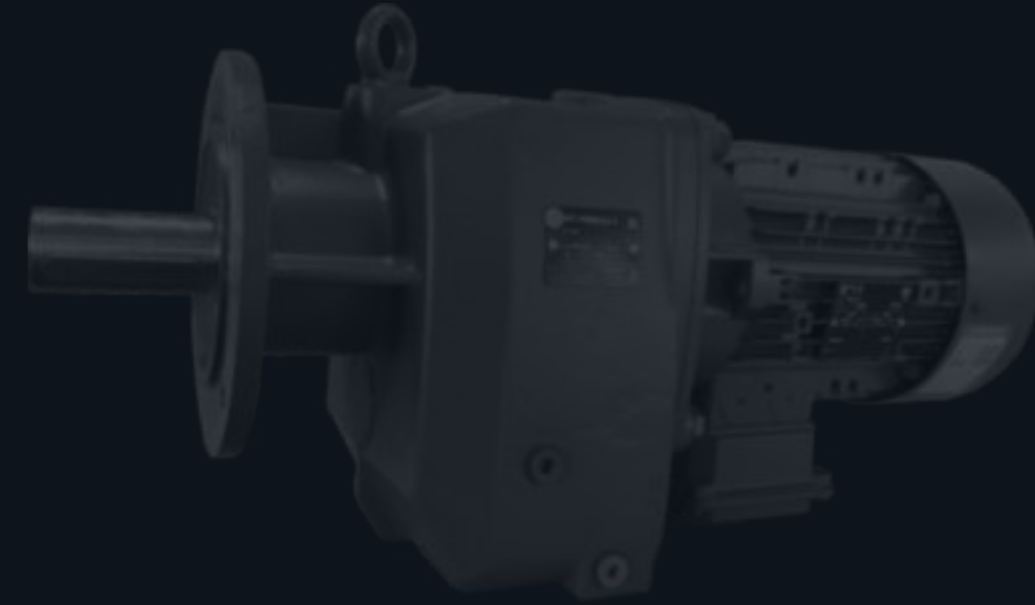


Restaurant



Dairy Farm

The core Technology



Motor & Reduction Gears | Customized By Germany Nord

- German "Nord" customized coaxial bevel reduction gears with diameter of axle 40mm.
- German "Simrit" double oil seal design, durable and reliable.
- "Shell" top class "Omala" S4 lubrication oil, zero maintenance for over 20,000 hours.
- IE3 high efficiency motor with imported "SKF-VL" bearing, save energy by 10-15% than IE1 motor.



Fan Blade | Aircraft Aluminum Alloy AA6063T6511

- Adopt High strength aircraft aluminum alloy: AA6063T6511, PVFD surface coating.
- Patented airfoil design, and special reinforcing rib supporting system, increase the strength and flexibility.
- Inner equipped steel cable design to prevent fan blade falling.



PMSM Motor | High efficiency Direct Drive Motor

- High efficiency PMSM (permanent magnet direct drive) motor with high efficiency and long service time.
- Inner rotor motor, better heat-dissipation performance and higher insulation protection Ip64.
- Plug-in automatic temperature protection to avoid any risk of demagnetization.
- Benefit from inner rotor structure, Multi-point installation can improve the stress of the fan motor, more safe and reliable.
- Compact and light weight design, no space limitation and easy to install.



Hub Wheel | Patented Anti-Falling Device: 202220632562.3

- Innovative double chassis design, more safe and steady.
- Adopt high strength aircraft aluminum alloy: AA6063T6511.
- Forged by 1000T machine with 570Mpa extension strength.
- T6 heat processing.

The core Technology



- Adopt Aeronautic Aluminum Alloy(AA7075)
- Adopt high pressure forging technology with better mechanical property, higher strength and toughness.
- With T6 thermal treatment process & CNC precision machining, 40 times strength test.

Blade Holder | Aircraft Aluminum Alloy AA7075



- Denmark "DANFOSS" VFD inverter, with stepless speed regulation.
- Ip55 protection grade and NEMA 1 standard control box.
- "Schneider" brand electrical sets, with safety protection module inside.

VFD Controller | Denmark Danfoss



- Unique Cardan joint design, used for HVLS fan balance when it installs at a slope building structure.
- Soft connection between the building structure and the HVLS fan, working as a human beings' joint, to decrease the shocking of a fan during running.

Cardan Joint | Soft connection between Fan & Building

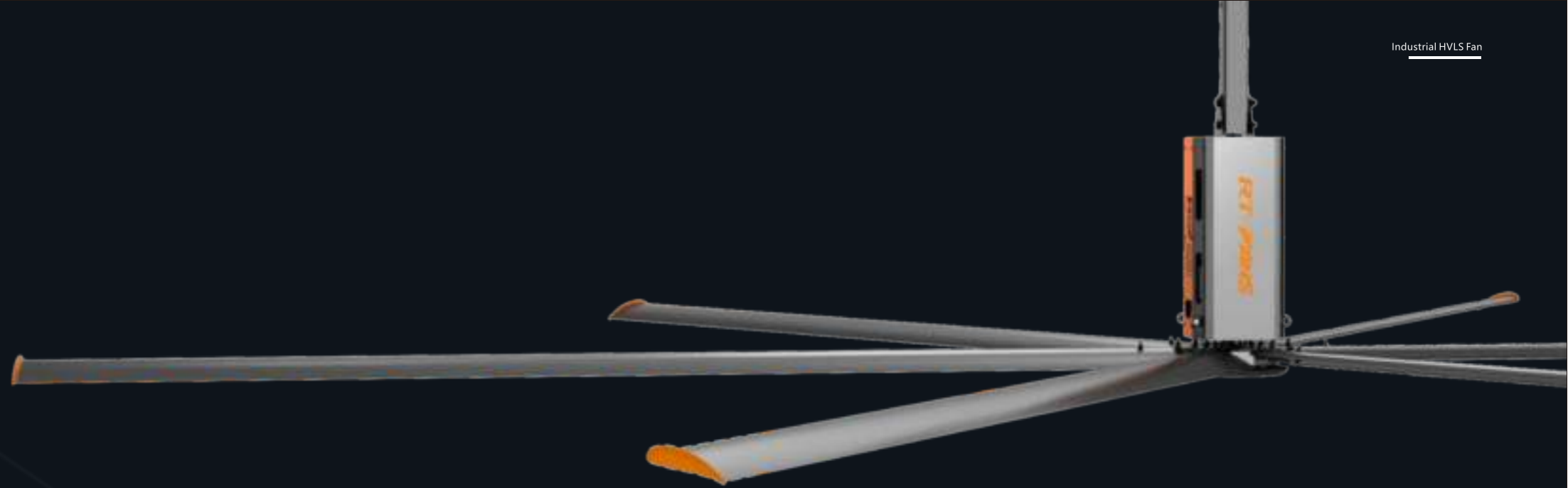


- RTFANS Exclusive Design Split-type Controller for commercial HVLS fan.
- USA high-end TI Chip, high output torque and better anti-electromagnetic Interference, lower electromagnetic noise.
- Stepless speed regulation, Time display, Timer On/Off, Power-off memory function, Working time display, etc.
- Muti-Safety protection, Open-phase, Over-current, Lock-rotor overload, Over-voltage, Under voltage, Over Temperature Protection, etc.

VFD Controller | RTFANS Exclusive Design

King Series

Industrial HVLS fan



Applicable Height: 6-20 Meters

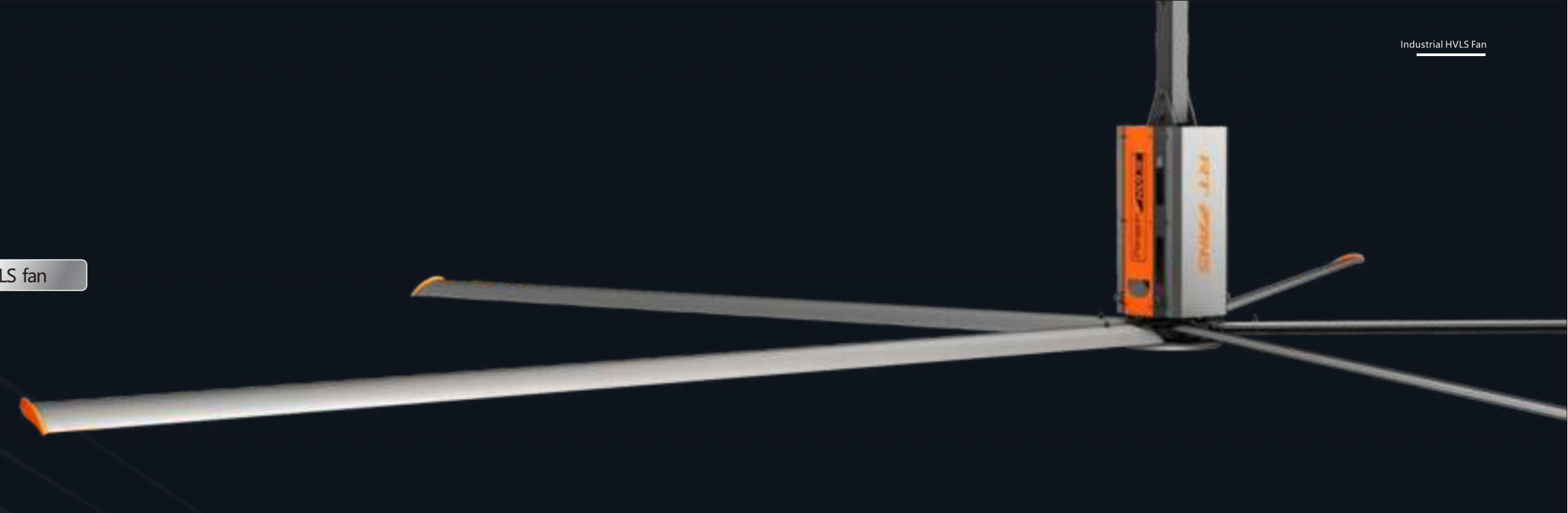


*VFD controller

Model	Fan Dia. (m/ft)	Air Flow (m ³ /min)	Motor Power (KW/HP)	Current (A) 220V/380V	RPM	Application Area (SQM.)	Noise (dBA)	Weight (KG)
RTF-CF-7EEX	7.3/24	15,500	1.5/2.0	5.8/3.55	20-53	1,800	43	125
RTF-CF-6EEX	6.1/20	14,000	1.5/2.0	5.8/3.55	20-58	1,380	43	110
RTF-CF-5EEX	5.5/18	12,800	1.5/2.0	5.8/3.55	20-63	1,050	43	105

Paragon Series

Industrial HVLS fan



Applicable Height: 6-12 Meters



*VFD controller

Model	Fan Dia. (m/ft)	Air Flow (m ³ /min)	Motor Power (KW/HP)	Current (A) 220V/380V	RPM	Application Area (SQM.)	Noise (dBA)	Weight (KG)
RTF-FF-7EEX	7.3/24	13,800	1.1/1.5	4.1/2.4	20-53	1,600	42	115
RTF-FF-6EEX	6.1/20	12,000	1.1/1.5	4.1/2.4	20-58	1,200	42	105
RTF-FF-5EEX	5.5/18	10,500	1.1/1.5	4.1/2.4	20-63	850	42	100

Virtue Series

Commercial HVLS fan



Applicable Height: 4-7 Meters



*VFD controller

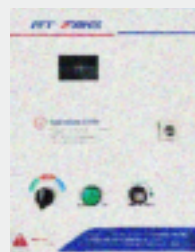
Model	Fan Dia. (m/ft)	Air Flow (m ³ /min)	Motor Power (KW)	Current (A) 220V/380V	RPM	Application Area (SQM.)	Noise (dBA)	Weight (KG)
RTF-SF-5EEX	4.7/16	9,000	0.55	2.2/1.3	40-80	550	40	55
RTF-SF-4EEX	4.0/13	8,000	0.55	2.2/1.3	40-102	450	40	50
RTF-SF-3EEX	3.3/11	6,500	0.55	2.2/1.3	40-102	350	40	45

Charm I Series

PMSM HVLS fan



Applicable Height: 6-20 Meters



*VFD controller

Model	Fan Dia. (m/ft)	Air Flow (m ³ /min)	Motor Power (KW/HP)	Current (A) 220V/380V	RPM	Application Area (SQM.)	Noise (dBA)	Weight (KG)
RTF-DF1-7EEX	7.3/24	15,500	1.2/1.6	4.3/2.5	20-53	1,800	39	115
RTF-DF1-6EEX	6.1/20	14,000	1.2/1.6	4.3/2.5	20-58	1,380	39	105
RTF-DF1-5EEX	5.5/18	12,800	1.2/1.6	4.3/2.5	20-63	1,050	39	100

Charm II Series

PMSM HVLS fan



Applicable Height: 6-12 Meters



*VFD controller

Model	Fan Dia. (m/ft)	Air Flow (m ³ /min)	Motor Power (KW/HP)	Current (A) 220V/380V	RPM	Application Area (SQM.)	Noise (dBA)	Weight (KG)
RTF-DF2-7EEX	7.3/24	13,800	1.2/1.6	4.7/2.7	20-53	1,600	38	110
RTF-DF2-6EEX	6.1/20	12,000	1.2/1.6	3.5/2.0	20-58	1,200	38	100
RTF-DF2-5EEX	5.5/18	10,500	1.2/1.6	3.5/2.0	20-63	850	38	95

Grace Series

Commercial PMSM HVLS fan



Applicable Height: 3.5-6 Meters



*VFD controller

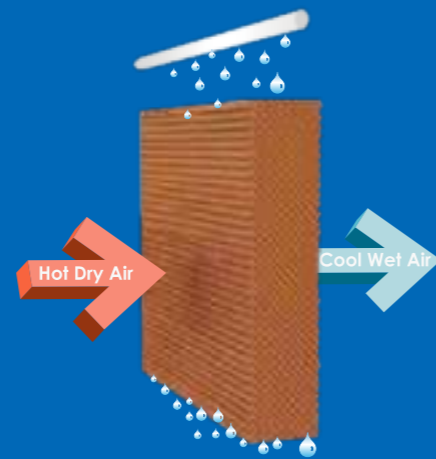
Model	Fan Dia. (m/ft)	Air Flow (m ³ /min)	Motor Power (KW)	Current (A) 110V/220V	RPM	Application Area (SQM.)	Noise (dBA)	Weight (KG)
RTF-YF-4EEX	4.0/13	6,800	0.5	3.4/2.0	30-80	400	36	37
RTF-YF-3EEX	3.3/11	5,800	0.3	2.2/1.3	30-100	300	36	30
RTF-YF-2EEX	2.7/9	4,800	0.3	1.7/0.9	30-100	200	36	28

Evaporative Air Cooler

Ventilation & Cooling Solution

Cooling Principle

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



How does evaporative air cooler work?

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 odour 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 evaporative air cooling system.

Why Evaporative Air Cooler?



High Efficiency Cooling

In a humid environment, the air temperature can be dropped by 4-10°C;
In a dry environment, the air temperature can be dropped by 4-15°C.



Low power consumption

Its power consumption is only 16~26% of a traditional air conditioner with compressor. The power consumption of each unit is only 1.1kw, it cools up to 100m².



Open Space, All fresh air

While an evaporative air cooler running, the door and windows are better to be opened, so fresh and cool air can be provided to the indoor space without internal circulation.



Low input cost and Short Payback Period

The total investment to evaporative air cooler is 50~65% less than a traditional central air conditioning system.



Eco-Friendly

Evaporative Air cooler is the natural way of cooling, it works on the physical phenomena of heat absorption by water evaporation, eco-friendly product without compressor or refrigerant, no pollution.



Easy to install & Low Maintenance Cost

Evaporative air cooler is mainly installed on roof, wall or ground, saving about 90% installation area. Regular cleaning air filters, high-efficiency cooling pads, and chassis do not need any professional operator with low maintenance costs.



High work efficiency & Productivity

A comfortable environment makes workers healthy, improves work efficiency, and increases productivity.



Wide Application Range

The air volume of RTFANS evaporative air cooler is 6000-60000m³/h, which fully meets the application of different needs from industry and commerce to open space and portable cooling.

Evaporative Air Cooler

Ventilation & Cooling Solution

Cooling Effect Data Sheet

Supply Air Temperature

The Supply Air Temperature depends on the “dryness” of The outside air. The drier the outside air, the lower the web bulb temperature. The more temperature drop can be achieved.

Evaporative cooling works best when the outside air is at a high temperature with low humidity. See the below datasheet to check temperature drop (supplied air temperature with air cooler) under different humidity and temperature conditions.

Wind-Chill Effect is the secondary cooling effect when air passes over human skin(similar to a fan created effect) thereby causing a lower temperature sensation. The Wind-Chill Effect depends on both the Supply Air Temperature and the air velocity.

Outside Air Dry-Bulb Temp (°C)	Outside Air Relative Humidity (%)							
	20	30	40	50	60	70	80	90
20	12	13	14.5	15.5	16.5	17.5	18.5	19.2
25	16	17	18.5	20	21	22	23	24
30	19.5	21	22.5	24	25	26	28	28.9
35	23	25	26.5	28.5	29	30	32.5	33.7
40	25.6	28.1	30.4	32.3	33.9	This zone is not applicable as in reality when the temperature is relatively high, RH is predominantly lower than the supplier air temperature.		
45	29.2	32	34.4					
50	32.7	35.8						

With the wind-chill effect, the effective temperature for thermal human comfort is 1-2°C lower than the Supply Air Temperature.

Power Consumption comparison between three cooling alternatives.

Power Consumption

The comparison below between evaporative cooling and air conditioning shows a large difference in running cost (10.1% vs 100%). When you have a large workspace that needs to be cooled, running cost can become a major consideration in your product selection.

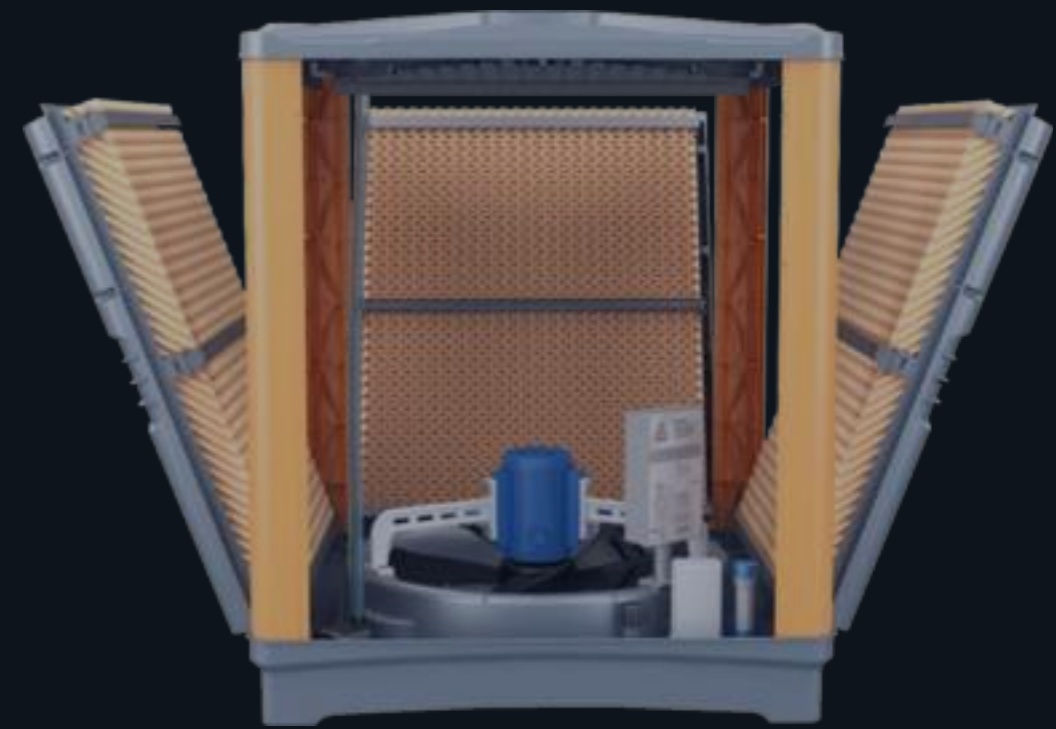
Air-conditioning is ineffective when you have the heat generated from the production/work processes.

A ventilation fan system refers to installing a large centrifugal fan with a duct or number of exhaust fans to bring in air from outside. Power consumption and running cost are relatively low but it provides only ventilation and no cooling.

Cooling Equipment	Type	Evaporative Air Cooler	Air conditioning	Ventilation Fan
Capacity		20,000m³/h	400,000 BTU/h	40,000m³/h
Kw		1.1	54	1.1
Area(m²)		1,000	1,000	1,000
Effective Height (m)		4	4	4
Air Change per hour		30	Recirculating	30
Total Units Installed		10	2	8
Total Kw Installed (Kw)		11	108	8.8
Electrical Units Consumed @10hrs/day @26days/mth		34,320kwh per year	336,960kwh per year	27,456 per year
Cost comparison with reference to AC		10.1%	100%	8%
Effect of various cooling methods		Pushes out hot, taste air and ventilates with Cool, Clean& Fresh Air.	Circulates air inside only It is ineffective in heat generating space.	Only moves ambient air but offers no relief as temperature rises.

[Base on 1000m² Workshop Area]

High standard, High Quality



High-Quality Motor

Adopt low vibration, low noise and high temperature resistance, corrosion resistance 100% copper core motor; Adopt cast iron housing, corrosion resistance and reliable. More heavier with better balance and stability under running at high speed.



Fan Blade

The fan blade is made of carbon fiber composite material, with a patented design; Which will not deform or break under heavy pressure; It has the characteristics of large air volume, high air pressure, low noise and stable operation.



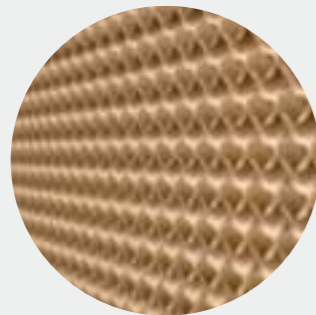
Water Inlet Valve

No extra energy consumption, automatic water replenishment, no blockage, high stability, quality assurance for 100,000 times operation.



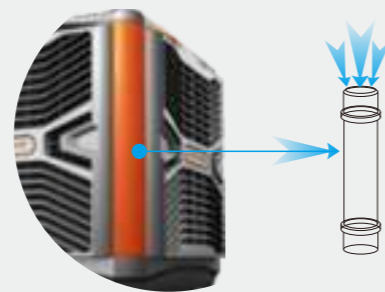
Water Distributor

The patented design of the water distribution system makes the water flow evenly distributed on the cooling pad, never clogging, and the cooling effect is more significant.



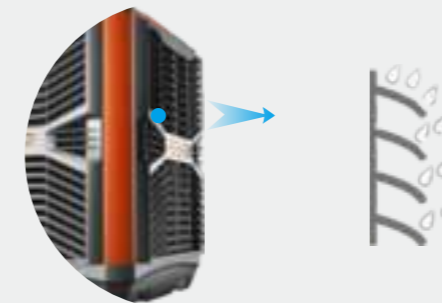
Evaporative Cooling Pad

High evaporation efficiency and quick/fast cooling. In line with the RoHS international environmental standard. Superb wetting properties without water spatter. Strong and self-supporting without deformation, long service life. With anti-Algae level 1 to prevent the growth of algae.



PP ECO-friendly Plastic Shell

The shell is made of new environmental protection engineering anti-oxidation plastic, which has good toughness, anti-aging and anti-ultraviolet. Special reinforcing rib design, more stronger and longer life. 5 years warranty for the housing of air cooler.



Eaves Ventilation Louver

The Eaves-type louvers can effectively prevent rainwater from entering the inside of the machine and improve the service life of the product. The special structure design will not increase the resistance of wind into air cooler.



LCD Display Control Panel

Easy to operate, with timer, temperature, humidity (optional) control system, fault reminder function, concise and clear.

Evaporative air cooler with plastic structure

Model: RTF-20 Series

RTF-20 high-end series and professional strong plastic structured models with axial fan, which need to be installed with air ducting system. Fixed installation model is designed to be installed on solid places such as outside wall, grounds, concrete or Zinc-steel structured roof.



RTF-20AEX Bottom Air Discharge



Target Applications:

Workshops

Factories

Supermarket & Mall

Church & School

Entertainment Centers



RTF-20BEX Side Air Discharge



RTF-20CEX Top Air Discharge

Model	RTF-20AEX	RTF-20BEX	RTF-20CEX
Voltage/Frequency	220~240V/380~415V/50~60Hz	220~240V/380~415V/50~60Hz	220~240V/380~415V/50~60Hz
Max Air Flow	20,000m ³ /h	20,000m ³ /h	20,000m ³ /h
Working Current	4.8A/2.7A	4.8A/2.7A	4.8A/2.7A
Power Consumption	1.1kw	1.1kw	1.1kw
Physical Size	1120*1120*1050mm	1120*1120*1050mm	1120*1120*1075mm
Air Outlet Size	670*670mm	670*670mm	730*730mm
Net Weight	60Kg	60Kg	60Kg
Water Tank Capacity	25L	35L	35L
Water Consumption	65L/h	65L/h	65L/h
Applicable Area	100~150m ²	100~150m ²	100~150m ²

Evaporative air cooler with plastic structure

Model: RTF-25 Series

RTF-25 high-end series and professional strong plastic structured models with axial fan, which need to be installed with air ducting system. Fixed installation model is designed to be installed on solid places such as outside wall, grounds, concrete or Zinc-steel structured roof.



RTF-25AEX Bottom Air Discharge



Target Applications:

Workshops

Factories

Supermarket & Mall

Church & School

Entertainment Centers



RTF-25CEX Top Air Discharge

Model	RTF-25AEX	RTF-25CEX
Voltage/Frequency	220~240V/380~415V/50~60Hz	220~240V/380~415V/50~60Hz
Max Air Flow	25,000m ³ /h	25,000m ³ /h
Working Current	6.8A/3.8A	6.8A/3.8A
Power Consumption	1.5kw	1.5kw
Physical Size	1120*1120*1250mm	1120*1120*1300mm
Air Outlet Size	670*670mm	730*730mm
Net Weight	79Kg	79Kg
Water Tank Capacity	25L	35L
Water Consumption	75L/h	75L/h
Applicable Area	150~200m ²	150~200m ²

Evaporative air cooler with plastic structure

Model: RTF-35 Series

RTF-35 high-end series and professional strong plastic structured models with axial fan, which need to be installed with air ducting system. Fixed installation model is designed to be installed on solid places such as outside wall, grounds, concrete or Zinc-steel structured roof.



RTF-35AEX Bottom Air Discharge



RTF-35CEX Top Air Discharge



Target Applications:

Workshops

Factories

Supermarket & Mall

Church & School

Entertainment Centers

Model	RTF-35AEX	RTF-35CEX
Voltage/Frequency	220~240V/380~415V/50~60Hz	220~240V/380~415V/50~60Hz
Max Air Flow	35,000m ³ /h	35,000m ³ /h
Working Current	11.2A/6.3A	11.2A/6.3A
Power Consumption	3.0kw	3.0kw
Physical Size	1350*1350*1350mm	1350*1350*1370mm
Air Outlet Size	800*800mm	800*800mm
Net Weight	118Kg	128Kg
Water Tank Capacity	40L	40L
Water Consumption	142L/h	142L/h
Applicable Area	250~300m ²	250~300m ²

Remark: The thickness of the RTF-35A/C cooling pad is 120mm

Evaporative air cooler with steel structure

Model: RTF-30&36 Series

RTF-30&36 Series are popular stainless steel structured model, the chassis, top cover and the pillars are made of stainless with powder coating surface treatment, robust and reliable.

Axial-flow ventilation unit provides large airflow, which needs to be installed with air ducting system. Fixed installation model is designed to be installed on solid places such as outside wall, grounds, concrete or Zinc-steel structured roof.



RTF-30&36 Series



RTF-30&36 Series



Target Applications:

Workshops

Factories

Supermarket & Mall

Church & School

Entertainment Centers

Model	RTF-30AEX	RTF-30BEX	RTF-36AEX	RTF-36BEX
Voltage/Frequency	380~415V/50~60Hz	380~415V/50~60Hz	380~415V/50~60Hz	380~415V/50~60Hz
Max Air Flow	30,000m ³ /h	30,000m ³ /h	36,000m ³ /h	36,000m ³ /h
Working Current	5.6A	5.6A	6.5A	6.5A
Power Consumption	2.2kw	2.2kw	3.0Kw	3.0Kw
Physical Size	1500*1500*1350mm	1500*1580*1350mm	1500*1500*1350mm	1500*1580*1350mm
Air Outlet Size	800*800mm	800*800mm	800*800mm	800*800mm
Net Weight	170Kg	180Kg	175Kg	185Kg
Water Tank Capacity	65L	65L	65L	65L
Water Consumption	117L/h	117L/h	150/h	150L/h
Applicable Area	200~300m ²	200~300m ²	200~300m ²	200~300m ²

Evaporative air cooler with centrifugal type

Model: RTF-30/40/50/60BCEX Series

RTF-30/40/50/60BCEX Series are popular stainless steel structured model, metal housing and powder coating surface treatment, robust and reliable.

Centrifugal-type ventilation unit provides high hydrostatic pressure and long distance fresh air delivery. Which needs to be installed with air ducting system. Fixed installation model is designed to be installed on solid places such as outside wall, grounds, concrete or Zinc-steel structured roof.



Centrifugal-type Air Cooler



Centrifugal-type Air Cooler



Target Applications:

Workshops

Factories

Supermarket & Mall

Church & School

Entertainment Centers

Model	RTF-30BCEX	RTF-40BCEX	RTF-50BCEX	RTF-60BCEX
Voltage/Frequency	380~415V/50~60Hz	380~415V/50~60Hz	380~415V/50~60Hz	380~415V/50~60Hz
Max Air Flow	30,000m ³ /h	40,000m ³ /h	50,000m ³ /h	60,000m ³ /h
Working Current	11.6A	15.4A	24.5A	30.3A
Power Consumption	5.5kw	7.5kw	11kw	15.5kw
Physical Size	1500*1580*1400mm	1770*1770*1440mm	2090*1970*1700mm	2090*1970*1700mm
Air Outlet Size	620*570mm	782*700mm	862*700mm	926*834mm
Net Weight	300Kg	450Kg	585Kg	650Kg
Water Tank Capacity	65L	80L	100L	100L
Water Consumption	117L/h	220L/h	260L/h	380L/h
Applicable Area	150~200m ²	200~300m ²	300~400m ²	400~500m ²

Ventilation fan with fiber glass structure

Model: RTF-VF series

The housing material of the RTF-VF series exhaust fan is fiberglass, which is designed to exhaust moisture-laden, corrosive or chemically contaminated air.

FRP offers a more economical solution than stainless steel or other exotic alloys. Multiple impeller types and materials are available to meet any corrosive process requirements while maintaining quiet operation and high efficiency.



RTF-VF series FRP exhaust Fan



Target Applications:

Workshops

Factories

Logistics Center

Agriculture

Poultry & Livestock



RTF-VF series with elbow
30/65/90 degree for options



RTF-RF-1060EX Relay Fan

Model	RTF-VF-1060EX	RTF-VF-1260EX	RTF-VF-1460EX	RTF-RF-1060EX
Voltage/Frequency	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
Max Air Flow	32,000m ³ /h	38,000m ³ /h	53,000m ³ /h	37,000m ³ /h
Working Current	1.68A	2.25A	3.0A	1.68A
Power Consumption	0.55kw-10P	0.75kw-10P	1.1kw-10P	0.55kw-10P
Physical Size	1060*1060*480mm	1260*1260*560mm	1460*1460*580mm	1060*1060*400mm
Installation Size	980*980mm	1180*1180mm	1380*1380mm	1060*1060mm
Net Weight	32Kg	41Kg	59Kg	47Kg
Noise	60dB(A)	65dB(A)	70dB(A)	60dB(A)
Fan blade Diameter	800mm	1070mm	1240mm	910mm
Fan blade Quantity	6 pcs	6 pcs	6 pcs	6 pcs
Fan blade Material	FRP	FRP	FRP	410SS
Housing Material	FRP	FRP	FRP	Color Plate

Portable Evaporative Air Cooler

Model: RTF-15YEX

RTF-15YEX is a mobile evaporative air cooler with strong wheels and brakes, easy to move to any space that needs cooling. Plug and play, 12 meters air supply distance, can achieve rapid cooling effect. The 150 liters water tank can meet the needs of ventilation and cooling for more than 8 hours, and it can also be connected to the automatic water supply system for continuous use.



RTF-15YEX Mobile Air Cooler



Target Applications:

Workshops

Factories

Supermarket & Mall

Church & School

Outdoor event



Model	RTF-15YEX
Voltage/Frequency	220-240V/50~60Hz
Max Air Flow	15,000m ³ /h
Working Current	3.4A
Power Consumption	0.75kw
Physical Size	920*580*1510mm
Air Outlet Size	690*690mm
Net Weight	44Kg
Water Tank Capacity	150L
Water Consumption	18L/h
Applicable Area	80~100m ²

Portable Evaporative Air Cooler

Model: RTF-20YEX

RTF-20YEX is a mobile evaporative air cooler with strong wheels and brakes, easy to move to any space that needs cooling. Plug and play, 30 meters air supply distance, can achieve rapid cooling effect. The 300 liters water tank can meet the needs of ventilation and cooling for more than 8 hours, and it can also be connected to the automatic water supply system for continuous use.



RTF-20YEX Mobile Air Cooler



Target Applications:

Workshops

Factories

Supermarket & Mall

Church & School

Outdoor event



Model	RTF-20YEX
Voltage/Frequency	220~240V/50~60Hz
Max Air Flow	20,000m ³ /h
Working Current	4.7A
Power Consumption	1.1kw
Physical Size	1120*1120*1950mm
Air Outlet Size	700*450mm
Net Weight	84Kg
Water Tank Capacity	300L
Water Consumption	65L/h
Applicable Area	100~150m ²

Application(HVLS fan)



Factory



Logistics Center



Workshop



Warehouse



Distribution Center



Church & Sport Hall

Application(HVLS fan)



Shopping Mall



Garage



School Hall



Restaurant & Hotel



Exhibition & Show Room



Aircraft Maintenance

Application(Air Cooler)



Injection Workshop



Toy Factory



Heavy Machinery



Logistics Center



Home Appliance Factory



New Energy Industry

Application(Fan & Cooler Combo)



CNC Processing Factory



Powder Paint factory



Medical apparatus



CNC processing workshop



Packing Material factory



Wind Energy Factory

Application(Portable Air Cooler)

Application(Ventilation Fan)



Event(outdoor)

Tourist Attractions

Home Appliance Factory

Heat treatment workshop



Outdoor Activities

Great Wall

E-commerce warehouse

Logistics center



Sport Court

Garment Factory

Chemical Industry

Garment Factory

Valued Customers



About Us

Kool Air International Development Limited., with the brand name RTFANS, is a professional manufacturer and exporter of industrial and commercial ventilation and cooling products in China. Our factory is located in Dongguan City, China, which is a national high-tech enterprise.

Since our establishment in 2003, working as an engineering company providing industrial ventilation and cooling solutions, we have focused on providing our customers with quality and energy-efficient ventilation and cooling equipment. So far, our products have been exported to more than 70 countries and regions: Japan, South Korea, Thailand, Vietnam, Malaysia, Philippines, India, Australia, Spain, the United States, Mexico, and so on.

When RTFANS was first established, it mainly sold and installed industrial air coolers to factory owners. Later it moved into manufacturing and introduced HVLS fan products to the evaporative cooling system in 2010 and started combining the two into one system(called the "Fan and cooler Combo"). After more than ten years of practice, the "fan & cooler combo" system has become the most energy-saving and environmentally friendly ventilation and cooling solution for large spaces.

As a member of energy-saving and environmental protection enterprises, we aim to bring better air to customers with less cost and energy. We are proud to be in this business, not only because we keep satisfying our customers with high-quality products and services, but also because this business brings social value to the world and benefits future generations.



BIG SPACE

Ventilation & Cooling Solution Leader

