

INDIA'S
BIGGEST | **AIR COOLER**
MANUFACTURING COMPANY



PRESENTS

Weather
Twister
SERIES

www.rajcooling.com

Who we are...

Raj Cooling Systems Private Limited is a manufacturer of an exclusive range of Air Coolers, Cooling Towers and Air-Cooling solutions since 2006.

We are an ISO 9001: 2015 certified organization engaged in the manufacturing, retailing and Export of Industrial, Commercial, Domestic, Air Coolers for Tent Industry, Cooling Towers and Air-Cooling solutions.

Raj has the privilege of being a self-certified supplier to leading industries. The company has a completely integrated unit in 6,00,000 sq. Ft. With state-of-the-art manufacturing facilities for every critical operation.

Since 2006 in the field of industry, we always tried to achieve the best quality standards, high engineered design and excellence services. Our reliability of the service and products are highly appreciated by our clients, dealers and customers.

Leading the Air Cooling Industry

Since 2006

2006

Established in the Year 2006 as a Raj Fiber Glass, 200 Sq. Ft. for FRP Fans

2008

Upgrade in FRP Air Coolers

2018

Honored with the Best 5000 MSME award, Raj Fiber stands distinguished for industry excellence.

2021

Achieved Global Impact

2023

Industry leader: Awarded Most Trustable & Innovative Brand Globally by Sonu Sood in Delhi.. Expanded with 2 Lakh sq. ft. units in Faridabad & Bangalore, endorsed by The Great Khali.

2007

Upgraded to 3000 Sq. Ft. Manufacturing unit for Air Ventilators

2009

Upgraded to 1,25,000 Sq. Ft. at Manufacturing unit - I

2019

Raj Fiber's new unit in Ahmedabad 350,000 sq. ft. for Plastic body coolers

2022

Acknowledged with the Prestigious Best 500 Brand MSME award.

Managing Director's

Progress for me has never been a dream. It has always been a distant reality and once one milestone is achieved, there is always another one waiting to be crossed.

We are now in an ever changing market environment. In such situation, We firmly believe that "trust" is the key element in persuading customers to choose our quality products.



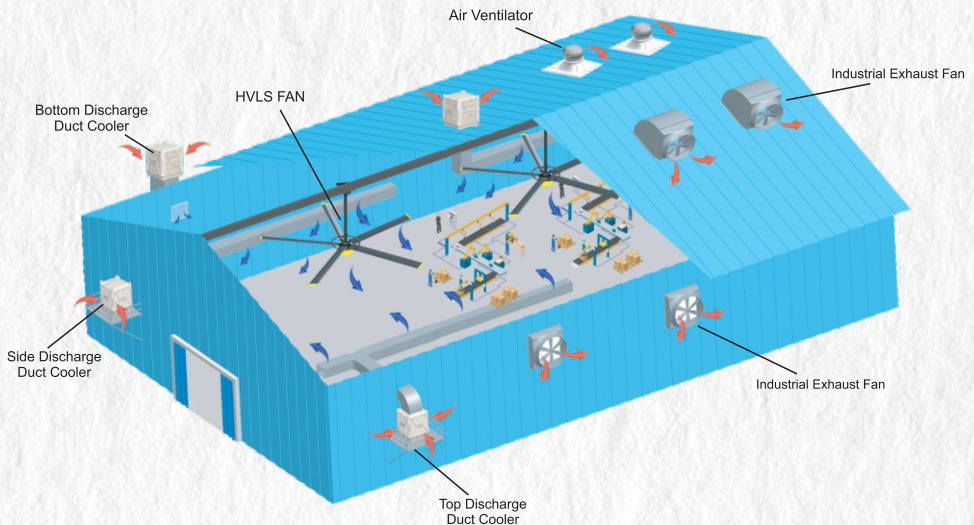
KALPESH PATEL

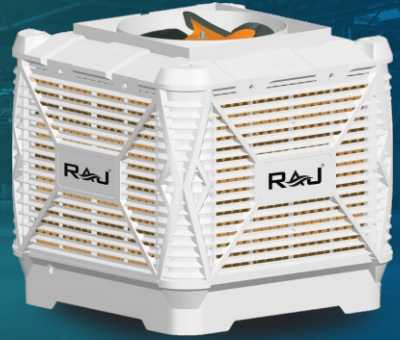
MD - RAJ GROUP

**TO ENHANCE QUALITY OF
HUMAN LIFE AND MAKE
INDUSTRIAL GROWTH EASIER**

Our Solution:

1. Supply Fresh Air by Industrial Air Coolers
2. Hot Air Elimination by Exhaust Fans.
3. Circulate air by High Volume Low Speed Fan

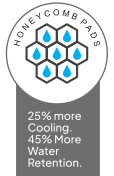




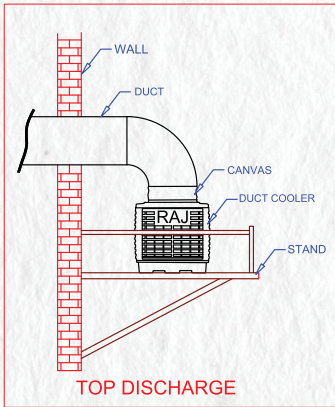
DUCT COOLER

Technical Specification	WT - P18K	WT - P25K	WT - P30K
Discharge Type	Top / Bottom / Side	Top / Bottom / Side	Top / Bottom / Side
Air Flow CMH	18000	25000	30000
Air Flow CFM	10000	15000	18000
Area Coverage (Sq. Ft.)	Upto 1200	Upto 1700	Upto 2200
Noise Level (DB)	≤ 75	≤ 75	≤ 79
Motor Power (kw)	1.1	2	3
Motor RPM	1440	1440	1440
Power Voltage/Hz/Phase	230 / 50 / 1	230 / 50 / 1	-
	415 / 50 / 3	415 / 50 / 3	415 / 50 / 3
Fan Type	Axial	Axial	Axial
Vent Size (L X W) mm	670 X 670	670 X 670	790 X 790
Dimension (L X W X H) mm	1100 X 1100 X 1150	1100 X 1100 X 1270	1300 X 1300 X 1180
Speed	Single Speed / Multi Speed	Single Speed / Multi Speed	Single Speed / Multi Speed
Control System	Switch Control / LCD with Remote	Switch Control / LCD with Remote	Switch Control / LCD with Remote
Cooling Media	Cellulose Honey Comb	Cellulose Honey Comb	Cellulose Honey Comb
Water Drain	Manual / Automatic	Manual / Automatic	Manual / Automatic
Pe Dust Filterr	Available	Available	Available
Pad Size (W X H X T) mm	735 X 650 X 100 - 5090	735 X 870 X 100 - 5090	870 X 870 X 100 - 5090
Pad Surface Area (Sq.m)	2.04 Sq. m	2.68 Sq. m	3 Sq. m
Tank Capacity (Ltr.)	60 Ltr. (200 Ltr. Available)	60 Ltr. (200 Ltr. Available)	60 Ltr.
Water Level Sensor	Yes	Yes	Yes
Float Valve	Yes	Yes	Yes
Net Weight (Kg)	68 (Approx)	77 (Approx)	100 (Approx)
Operational Weight (Kg)	128 / 268 (Approx)	137 / 277 (Approx)	160 (Approx)

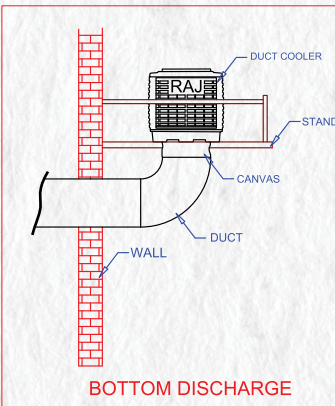
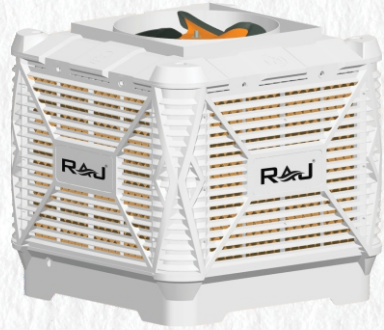
Weather
Twister
SERIES



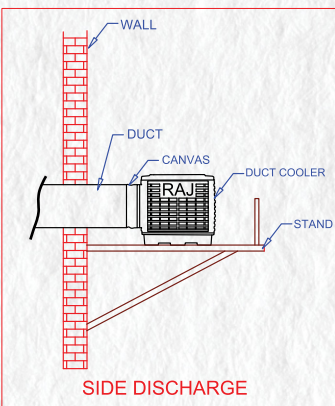
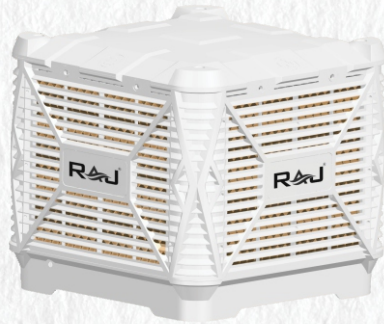
Warranty 5 Years on Body & 1 Year on motor



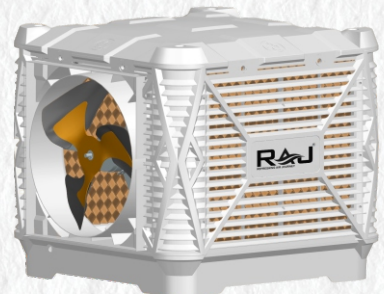
1.



2.



3.



MAHARATHI 20

Technical Specification	MR125
Motor Type	Single Phase 3 Speed
RPM/Wattage/Hp	1400/400*/0.5
Fan Type	Axial Fan - 20"
Gross Weight	35 Kg
Air Flow CMH	8560*
Cooling Pad Size	690 X 775 X 75 mm - 7090
Product Dimension (L X W X H)	800 X 550 X 1380 mm
Area Coverage	835 Sq. Ft. (Approx)
Air Throw	40 Ft. (Approx)



Powerful
Air Delivery



Bullet
Air Throw



Quick
Cooling



125 Ltr.
Water Tank



Noiseless
Cooling



Energy
Saver

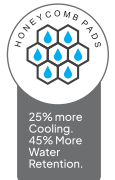


Heavy Body
Structure



Unbreakable
5D Grill

**Weather
Twister**
SERIES



Warranty 1 Year on Motor & 6 months on Pump

MILITARY COOL

Technical Specification	MC1503AG
Motor Type	Single Phase 3 Speed
RPM / Wattage / Hp	950 / 550* / 0.75*
Fan Type / Fan Noise	30" Axial Fan / $\leq 60^*$ db
Gross Weight	55 Kgs (Approx)
Air Flow CMH / CFM	18000* / 10594*
Cooling Pad Size	1100 X 100 X 1150 mm - 7090
Area Coverage	1750 Sq. Ft. (Approx)
Product Dimension (L X W X H)	1131 X 620 X 1642 mm
Motor Winding	Copper



Powerful
Air Delivery



Bullet
Air Throw



Quick
Cooling



150 Ltr.
Water Tank



Noiseless
Cooling



Energy
Saver



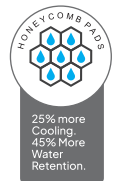
Heavy Body
Structure



Unbreakable
5D Grill

**Weather
Twister**
SERIES

Warranty 1 Year on Motor & 6 months on Pump



MILITARY COOL

Technical Specification	MC2803AG
Motor Type	Single Phase 3 Speed
RPM / Wattage / Hp	950 / 550* / 0.75*
Fan Type / Fan Noise	30" Axial Fan/ < 60* db
Gross Weight	60 Kgs
Air Flow CMH/CFM	18000*/10594*
Cooling Pad Size	1100 X 1150 X 100 mm - 7090
Area Coverage	1750 Sq. Ft. (Approx)
Product Dimension (L X W X H)	1130 X 670 X 2035 mm
Air Throw	50 Ft. (Approx)
Motor Winding	Copper



Powerful
Air Delivery



Bullet
Air Throw



Quick
Cooling



280 Ltr.
Water Tank



Noiseless
Cooling



Energy
Saver



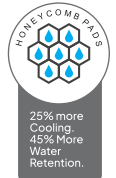
Heavy Body
Structure



Unbreakable
5D Grill

**Weather
Twister**
SERIES

Warranty 1 Year on Motor & 6 months on Pump



BIG FAN – BLDC

Technical Specification	RC48
Max Air Flow CMH/CFM	38000 / 22300
Effective Area	3500 Sq. Ft. (Approx)
Rated Voltage	220-240
W/Hp	600/0.75
Weight	60KG
Product Dimension (L X W X H)	1510 X 790 X 1680 mm
Fan Diameter	50"
Ring Dimeter	54"
Air Throw	50 Ft. (Approx)
Motor Winding	Copper



Powerful
Air Delivery



Bullet
Air Throw



Noiseless
Cooling



Energy
Saver



Heavy Body
Structure

Warranty 1 Year on Motor



PMSM MOTOR HVLs FAN

Model No.	Fan Diameter (FT) (Mtr.)	Kw/Hp	V	Hz	Wing Qty	RPM	CFM	Noise DB	Weight (kg)	Area Coverage	Min Height From Floor(Ft)
RCSX-1500-80	26.25 (8)	1.5 / 2.0	220/380	50/60	6	50	530000	≤45	175	13200 Sq Ft	42
RCSX-1500-73	24 (7.3)	1.5 / 2.0	220/380	50/60	6	55	475000	≤45	165	11300 Sq Ft	38
RCSX-1500-62	20.25 (6.2)	1.5 / 2.0	220/380	50/60	6	65	425000	≤45	150	8000 Sq Ft	33
RCSX-1100-52	17 (5.2)	1.1 / 1.5	220/380	50/60	6	85	380000	≤45	142	5600 Sq Ft	28
RCSX-750-42	13.25 (4)	0.75 / 1.0	220/380	50/60	6	95	325000	≤45	130	3300 Sq Ft	20
RCSX-550-35	11.5 (3.5)	0.55 / 0.75	220/380	50/60	6	95	135000	≤45	48	2500 Sq Ft	18
RCSX-550-30	9.85 (3)	0.55 / 0.75	220/380	50/60	6	105	100000	≤45	44	2000 Sq Ft	16
RCSX-550-25	8.25 (2.5)	0.55 / 0.75	220/380	50/60	6	115	77500	≤45	40	1250 Sq Ft	12

1. Non-carbon brush, no Hall, DC-driven, Large torque permanent magnet, DC-driven motor.
2. Power saving, first-level energy efficiency.
3. Low Noise (the highest standard in India), available for cinema.
4. Reasonable structure, simplest in installation and safest use.
5. 100% stable performance, no vibration, no noise.
6. The fan blade is made of aeronautical material, even bend 90 degrees without breaking

Warranty 2 Years on Motor



INDUSTRIAL EXHAUST FAN

Exhaust Fan Material of Construction

Fan Housing	FRP
Fan Blades	SMC Fiber Glass Moulding Compound
Motor Winding	Copper Winding
Motor Cabinete	Aluminium with Heatsink
Exhaust Fan Shutter	Aluminium & PVC Material
Motor Legs	Powder Coated MS



Three Phase

TECHNICAL SPECIFICATIONS	1460 Fiber	1260 Fiber	1060 Fiber	850 Fiber	660 Fiber	560 Fiber
Fan Dia. (mm/inch)	1260/(50")	1080/(43")	890/(36")	640/(25")	480/(19")	380/(15")
Blades (Pcs)	6	6	6	6	3	3
Rated Speed (RPM)	555	560	565	700	1440	1470
Air Capacity CMH/CFM	44000(26000)	40000(23500)	28000(16600)	13000(7700)	10000(4100)	8000(3000)
Rated Power Kw/HP	1.1/1.5	0.75/1	0.55/0.75	0.37/0.5	0.37/0.5	0.37/0.5
Noise (Db)	≤70	≤70	≤70	≤70	≤70	≤70
Dimension L X H X W(mm)	1460x1460x590	1260X1260X560	1060X1060X560	850X850X450	660X660X450	560X560X450
Weight	45 Kg	38 Kg	32 Kg	25 Kg	16 Kg	14 Kg
Area Coverage(20 Ft.Height)	60X60 Ft.	55X55 Ft.	45X45 Ft.	30X30 Ft.	25X25 Ft.	20X20 Ft.

Warranty 1 Year on Motor

MIST FAN

Technical Specification	M - 01 SQT
Fan Size / Speed	26" Centrifugal Mist Fan/3 Speed
Fan RPM	1440
Dimension	380X530X1980
Motor	260Watt
Motor Winding	Aluminium
Tank Capacity	41 Ltr.
Voltage	220-230 Voltage
Frequency	50 Hz
Water Flow (Adjustable)	0-5 L/H
Air Flow CFM	4800
Spray Effective Distance	15 Ft. (Approx)



Powerful
Air Delivery



41 Ltr.
Water Cap.



Noiseless
Cooling



Energy
Saver



Heavy Body
Structure

Warranty 1 Year on Motor & 6 Months on Pump

FIGHTER MIST FAN

Technical Specification	Fighter Mist Fan
Motor Type	Single Phase 3 Speed
RPM / Wattage / Hp	950 RPM/ 550*W/ 0.75* Hp
Fan Type / Fan Noise	Axial Fan-30" / < 60* db
Gross Weight	47 Kgs
Air Flow CMH/CFM	18000/10594
Product Dimension (L X W X H)	900 X 510 X 1780mm
Spray Effective Distance	20 Ft. (Approx)



Powerful
Air Delivery



150 Ltr.
Water Tank



Noiseless
Cooling



Energy
Saver



Heavy Body
Structure

Warranty 1 Year on Motor & 6 Months on Pump

DUAL MIST BIG FAN

Technical Specification	RC48
Max Air Flow	38000 CMH/22300 CFM
Effective Area	3500 Sq. Ft. (Approx)
Rated Voltage	100-127/220-240
W/Hp	600/0.75
Weight	60KG
Product Dimension (LxWxH)	1525 X 635 X 2030mm
Fan Diameter	50"
Ring Diameter	54"
Air Throw	50 Ft. Approx
Motor Winding	Copper
Spry Effective Distance	20 Ft. approx
Mist Machine Qty.	2



Powerful
Air Delivery



180 Ltr.
Water Cap.



Noiseless
Cooling



Energy
Saver



Heavy Body
Structure

Warranty 1 year on motor & 6 months on pump



Our Global Customers...



| ISO 9001 : 2015 Certified

RAJ
REFRESHING AIR JOURNEY

Weather
Twister
SERIES



नाम तो
सुना ही
होगा

**India's Biggest AIR COOLER
Manufacturing Company**



RAJ COOLING SYSTEMS PVT. LTD.

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Factory : Rajkot | Ahmedabad | Faridabad | Bangalore

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