

Fog Misting System - Indoor & Outdoor Misting Fans

Function

Indoor & outdoor misting fans includes both humidification and cooling fans designed to achieve uniformed distribution of the mist and improved absorption of moisture. All misting fans require the use of a high pressure fog misting nozzles and misting pump (sold separately) to achieve ideal performance.

Industrial cooling fans come in a variety of different styles, sizes, and cooling capacities. The product range includes the WindChill fan made for patio misting, the Revolution and Revolution II fan when used with humidity sensor (sold separately) is excellent for Humidity sensitive warehouse or storage, Evolution humidification fan with "cannon" design, effective for areas with height restrictions or for long and narrow halls, lastly... Evolution Mini fan best suited for humidification of confined areas.



WindChill
-Brown



WindChill
-Black



Revolution



Revolution II



Evolution



Evolution
Mini

Model No.	Description	Area of Influence	no. of Nozzle	Fan motor Power	Weight (Kg)
#96820.BR	Revolution WindChill ceiling mount hung unit - Brown Dimension: Ø559 x 356mm	37 m ²	10 nos. 0.012" Anti-drip nozzle	230VAC	18.2
#96820.BL	Revolution WindChill ceiling mount hung unit - Black Dimension: Ø559 x 356mm	37 m ²	10 nos. 0.012" Anti-drip nozzle	230VAC	18.2
#93820	Revolution Humidification Fan ceiling mount (2100 CFM) Dimension: Ø712 x 356mm	334 m ²	10 nos. 0.012" Anti-drip nozzle	230VAC	18.2
#94820	Revolution II Humidification Fan or wall mount (250 CFM) Dimension: Ø356 x 241mm	83 m ²	6 nos. 0.012" Anti-drip nozzle	230VAC	3.6
#95820	Evolution Humidification Fan or wall mount (250 CFM) Dimension: Ø292 x 292mm	92 m ²	1 nos. 0.012" Anti-drip nozzle	230VAC	4.5
#9300	Evolution Mini Humidification Fan Dimension: 241 x Ø204mm	short distance	1 nos. 0.006" Anti-drip nozzle	7.1	31

* WindChill customized colour or plate design upon request.
* Misting Nozzles, Misting Pump, Tubing and accessories sold separately.

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Fog misting Nozzles

	Model No.	Description	Orifice	Flow (LPM)	Pressure	Spray pattern	Droplet size	O-ring colour
 <p>Wt.: 2.72g Thread Size: 10/24 Dimensions: Ø9.5 x 10mm</p>	#93508	Standard Brass Nozzle	0.008"	0.08	(1000psi) 703.25m head	60°	1.4µ - 37.9µ ; MD=12.7µ	Red
	#93512		0.012"	0.11		70°	1.6µ - 39.1µ ; MD=13.1µ	Black
	#80450		0.016"	0.17		80°	3.8µ - 47.9µ ; MD=13.8µ	Brown
	#93520		0.020"	0.21		90°	9.5µ - 49.9µ ; MD=15.2µ	Green
 <p>Wt.: 9g Thread Size: 10/24 Dimensions: Ø9.5 x 25mm</p>	#95031	Cleanable Anti-drip Brass Nozzle	0.006"	0.04	(1000psi) 703.25m head	45°	1.1µ - 35.7µ ; MD=11.3µ	Yellow
	#95037		0.008"	0.06		55°	1.4µ - 37.9µ ; MD=12.7µ	Red
	#95038		0.012"	0.10		65°	1.6µ - 39.1µ ; MD=13.1µ	Black
	#95039		0.016"	0.14		75°	3.8µ - 47.9µ ; MD=13.8µ	Brown
	#95040		0.020"	0.17		85°	9.5µ - 49.9µ ; MD=15.2µ	Green
 <p>Wt.: 9g Thread Size: 10/24F Dimensions: Ø9.5 x 25mm</p>	#95032	Cleanable Anti-drip Stainless steel Nozzle	0.006"	0.04	(1000psi) 703.25m head	45°	1.1µ - 35.7µ ; MD=11.3µ	Yellow
	#95033		0.008"	0.06		55°	1.4µ - 37.9µ ; MD=12.7µ	Red
	#95034		0.012"	0.10		65°	1.6µ - 39.1µ ; MD=13.1µ	Black
	#95035		0.016"	0.14		75°	3.8µ - 47.9µ ; MD=13.8µ	Brown
	#95036		0.020"	0.17		85°	9.5µ - 49.9µ ; MD=15.2µ	Green
	#95032-SS316		0.006"	0.04		45°	1.1µ - 35.7µ ; MD=11.3µ	Yellow
 <p>Wt.: 9g Thread Size: 10/24F Dimensions: Ø9.5 x 25mm</p>	#95033-SS316	Cleanable Anti-drip Stainless steel 316 Nozzle	0.008"	0.06	(1000psi) 703.25m head	55°	1.4µ - 37.9µ ; MD=12.7µ	Red
	#95034-SS316		0.012"	0.10		65°	1.6µ - 39.1µ ; MD=13.1µ	Black
	#95035-SS316		0.016"	0.14		75°	3.8µ - 47.9µ ; MD=13.8µ	Brown
	#95036-SS316		0.020"	0.17		85°	9.5µ - 49.9µ ; MD=15.2µ	Green

Fog misting Nozzle Adaptors and Accessories

	Model No.	Description	Measurement
	#93501	Brass 1.5" Nozzle Extension	Ø9.5mm, Length: 38.1mm, Thread 10/24
	#93597	Copper 6" Nozzle Extension	Ø9.5mm, Length: 152.4mm, Thread 10/24
	#92808	Copper 12" Nozzle Extension	Ø9.5mm, Length: 304.8mm, Thread 10/24
	#94506	Stainless steel 6" Nozzle Extension	Ø9.5mm, Length: 152.4mm, Thread 10/24
	#94512	Stainless steel 12" Nozzle Extension	Ø9.5mm, Length: 304.8mm, Thread 10/24
	#93013	Stainless steel 3 Nozzle Cluster	Ø20mm x 30mm, Thread 10/24
	#93019	Stainless steel 5 Nozzle Cluster	Ø20mm x 34mm, Thread 10/24
	#95041	Stainless steel Nozzle swivel adaptor	Ø9.5mm x 25mm, Thread 10/24
	#92519	1/8" MPT x 10/24F Brass Nozzle adaptor	Ø9.5mm x 25mm, Thread 1/8" MPT x 10/24
	#92519	12/24M x 10/24F Brass Nozzle adaptor	Ø9.5mm x 25mm, Thread 12/24M x 10/24
	#93503	Brass Auto drain valve	Ø9.5mm x 25mm, Thread 10/24
	#93505	Brass Nozzle Plug	Ø9.5mm x 9.5mm, Thread 10/24

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Model No.	Description	Measurement
#10252	Black Nozzle O-ring	Ø9mm x 75mm
#93598	Red 'Viton' Nozzle O-ring (chemical resistant O-ring)	Ø9mm x 1mm
#92788	Anti-drip spring	
#93354	Anti-dip stemmed ball	
#92100	Nozzle Removal Tool	Ø25mm x 75mm

Fog misting 50Hz High Pressure Pump



* 24/7 use under Normal operating conditions



* 8hr per day use under Normal operating conditions

Model No.	Description	Flow (LPM)	Motor HP	Current (Amps)	Pressure	Weight (Kg)
#7100215		1	1	7.1		55
#7200215	50Hz Pulley Drive Industrial duty Misting Pump Input Voltage: 230V AC	2	1	7.1	(1000psi) 703.25m head	55
#7400215		4	1	7.1		55
#7800215	Dimension: 762 x 508 x 559mm	8	1.5	11.3		67
#7120215		12	3	13.4		68
#7140215		14	3	13.4		68
#8100215	50Hz Direct Drive Industrial duty Misting Pump Input Voltage: 230V AC	0.8	1	7.1	(1000psi) 703.25m head	29
#8200215		1.6	1	7.1		90
#8300215		3.5	1	7.1		31
#8400215	Dimension: 394 x 597 x 356mm	4.4	1	7.1		32
#8700215		6.6	1.5	11.3		33

*High Pressure Pumps are pre-assembled with filter and accessories upon order.

Fog misting Filters (Spare Parts)



Model No.	Description	Measurement
#93613	Water pre-treatment kit (1/2" Port)	
#93614	Water pre-treatment kit w/ scalex cartridge for calcium carbonate scale prevention	
#92609	10" Filter housing (1/2" Port)	Ø120mm, Height = 300mm
#92611	10" Filter housing (1/2" Port)	Ø175mm, Height = 330mm
#10109	Calcium inhibitor filter, 3/4" FGHT x 3/4" MGHT	Ø50mm, Height = 150mm
#92613	9-3/4", Scalex filter cartridge (for 92609)	Ø75mm, Height = 250mm
#92603	9-3/4", 1 micron filter cartridge (for 92609)	Ø75mm, Height = 250mm
#92608	9-3/4", 5 micron filter cartridge (for 92609)	Ø75mm, Height = 250mm
#93039	9-3/4", Phosphate filter cartridge (for 92609)	Ø75mm, Height = 250mm
#92612	Dual filter cartridge	Ø130mm, Height = 250mm

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