

A close-up photograph of a white, cylindrical oil mist filtration system. The unit is mounted on a white metal cabinet. The top of the unit features a ribbed, cylindrical inlet. The main body is a large, rounded cylinder with a textured surface. On the right side, there are several small circular ports and a larger, rounded protrusion. The unit is secured to the cabinet with screws. The background is a plain, light-colored wall.

ScandMist 350D
Oil mist filtration
system

**MANN +
HUMMEL**

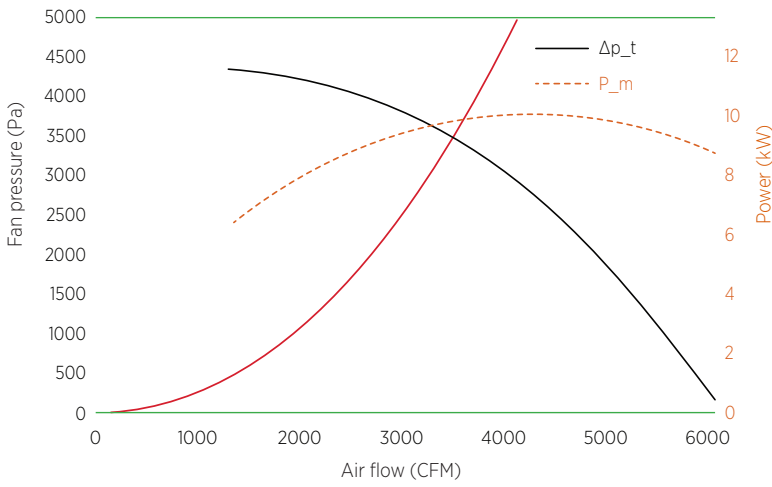
ScandMist 350D

Oil mist filtration system

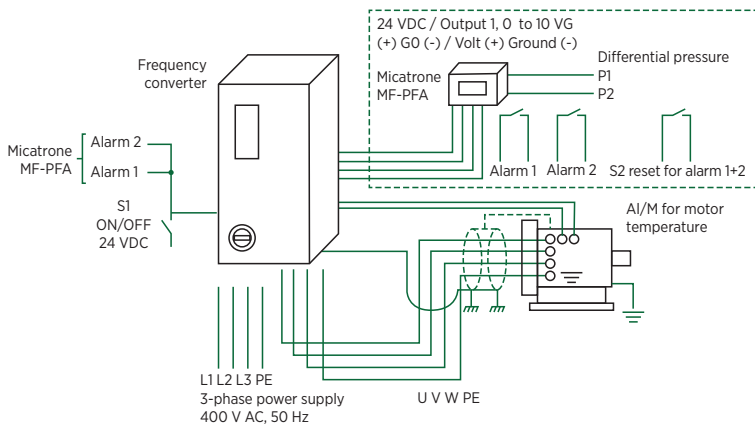
General	Product	Units	ScandMist 350D Gen 2.5
	Application		Oil Mist
	Capacity (nominal)	CFM	3550
	Part Number		A1D35DF000010A
Connections	Inlet type		Jacobs
	Inlet Diameter	Inches	14
	Drain		2 off, 2" Threaded (BS 21) Female
	Air Inlet Options		Left
	Exhaust		Backwards
Filters	Filters/Stage		1
	Pre-filter		Not included
	Stage 1 Filter		97090M1610
	Stage 2 Filter		97090M2088
	Stage 3 Filter		800527034779
	Final Pressure Drop	Pa	3500
Motor Options	Type		IE3
	Part number		PR285.215.GA.MR
	Quantity		1
	Mains Supply		3- 400V 50Hz/60Hz
	Ventilation		TEFC
	Power	HP	15
	Maximum Current	A	20.5
	Speed	RPM	Max 2955
	Environmental Protection		IP55
Physical properties	Width	Inches	49
	Height	Inches	159
	Dept	Inches	44
	Weight	lbs	Clean filters: 1916, Wet filters: 2068
	Noise Level	dB(A)	<69
	Fan		Backward Bent Blades
	Finish		Powder coating inside and outside
Controls	Control System		Frequency inverter FC102 + Micatrone MF-PFA
	Differential Pressure Gauges		3 off
Options	Oil pump		Not included
	Level sensor		Not included
	Spray		Not included
	Silencer		Not included

IE3 fan and motor

IE3 configuration takes performance to the next level with exceptionally low energy consumption.

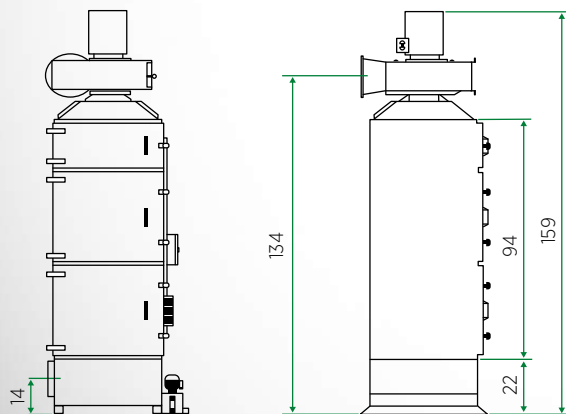


To the frequency converter				
L1	L2	L3	PE	Main power supply
ON/OFF (24 VDC)			S1 -Switch	
Volt (+)	GND (-)		0 - 10 V Output 1 signal from Micatrone MF-PFA	
From the frequency converter				
U	V	W	PE	To the motor
AI	M		Motor temperature	
G (+)	G0 (-)		24 VDC for Micatrone MF-PFA	
From the Micatrone MF-PFA				
13 from S1	14 (M)	Alarm 1, high/low/operating signal		
16 from S1	17 (M)	Alarm 2, high/low/operating signal		
11	12	S2 -Reset of Alarm 1+2		

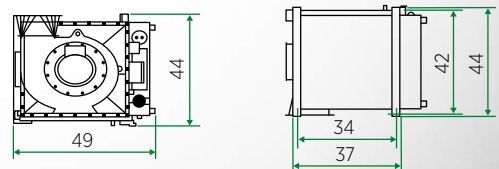


Dimensions and weight

Units: mm



Weight	lbs
Empty	1334
Clean filters	582
Wet filters	734





0818 Printed in Germany © MANN+HUMMEL

ScandMist

(866) 778-1111

scandmist.us