



ScandMist 350R
Oil smoke filtration
system

**MANN +
HUMMEL**

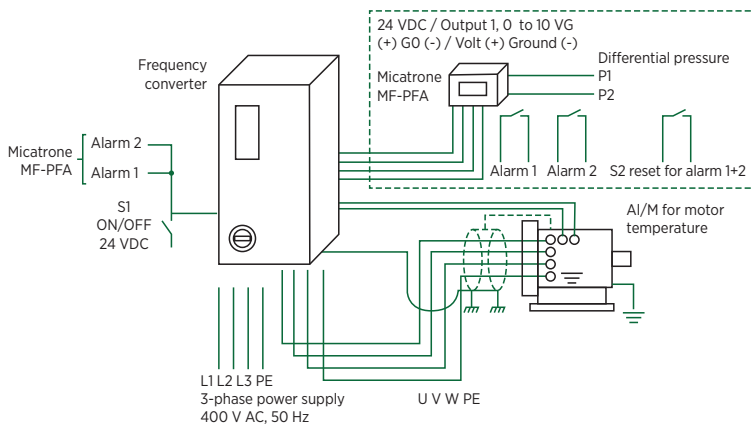
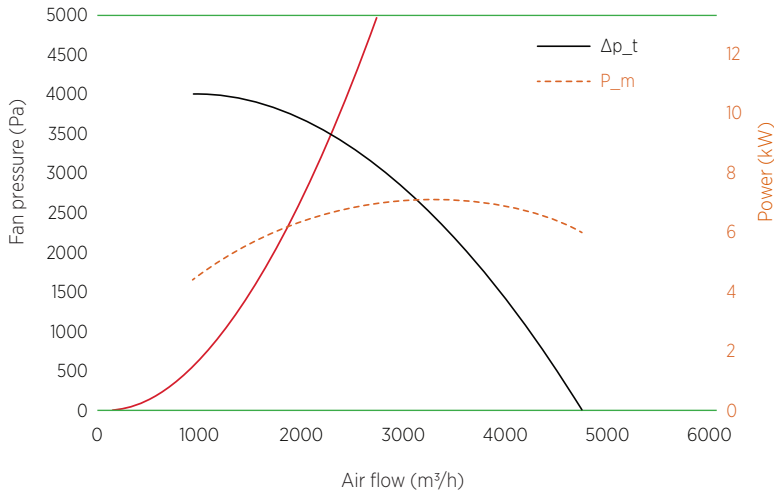
ScandMist 350R

Oil smoke filtration system

General	Product	Units	ScandMist 350R Gen 2.5
	Application		Neat Oil
	Capacity (nominal)	CFM	2350
	Part Number		A1C35RF000010A
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		9709006039
	Stage 2 Filter		9709006040
	Stage 3 Filter		800527034779
	Final Pressure Drop	Pa	3500
Motor Options	Type		IE3
	Part number		PR255.2G5.GA.MR
	Quantity		1
	Mains Supply		3- 400V 50Hz/60Hz
	Ventilation		TEFC
	Power	HP	7.5
	Maximum Current	A	10.5
	Speed	RPM	Max 2950
	Environmental Protection		IP55
Physical properties	Width	Inches	49
	Height	Inches	153
	Depth	Inches	44
	Weight	lbs	Clean filters: 1856, Wet filters: 2008
	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

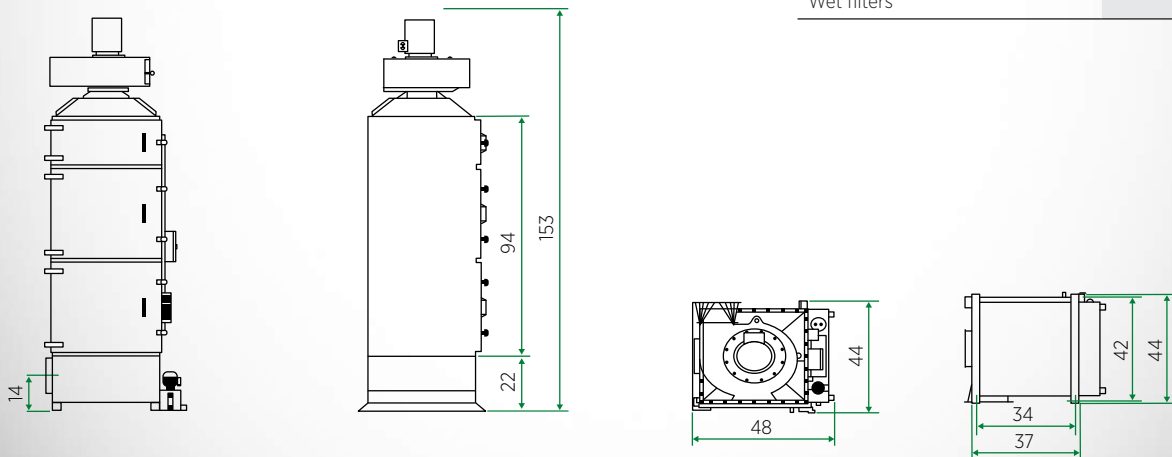
U	V	W	PE	To the motor
AI	M			Motor temperature
G (+)	G0 (-)			24 VDC for Micatrone MF-PFA

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: Inches



Weight	lbs
Empty	1274
Clean filters	582
Wet filters	734



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ScandMist

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