



Leadership in Filtration

ScandMist 100R OEM Oil smoke filtration system

General	Product	Units	ScandMist 100R OEM
	Application	_	Neat Oil
	Capacity (nominal)	m³/h	1000
	Part number		C1B10RB000000A
Connections	Inlet type		Jacobs
	Inlet diameter	mm	200
	Drain		2 off, 2" Threaded (BS 21) Female
	Air inlet options		Left/Right/Back
	Exhaust		On top
Filters	Filters/stage		1
	Stage 1 filter		97090M1224
	Stage 2 filter		9709006046
	Stage 3 filter		800530024917
	Available external pressure drop	Pa	200
Motor	Туре		Electrically commutated
	Part number		9709005278
	Quantity		1
	Mains supply		3 ~ 380-480 V, 50/60 Hz
	Ventilation		TEFC
	Power	kW	3,7
	Maximum current	А	4,6
	Speed	RPM	Max 4100
	Environmental protection		IP54
Physical properties	Width	kW A	1416
	Height	mm	971 (excluding inlet transition)
	Depth	mm	685 (excluding inlet transition)
	Weight	kg	Clean filters: 233, Wet filters: 288
	Noise level	dB(A)	<69
	Fan		Backward bent blades
	Finish		Powder coating inside and outside
Controls	Control system		Micaflex MF-PFA
	Differential pressure gauges		3 off
Options	Oil pump		N/A
	Level sensor		9908900187
	Prefilter demister		2500273213
	Spray		Not included
	Silencer		Insulated fan housing

EC fan and motor

The standard EC fan and motor delivers good energy efficiency with quiet operation.



Connecting interface

Power

1

2

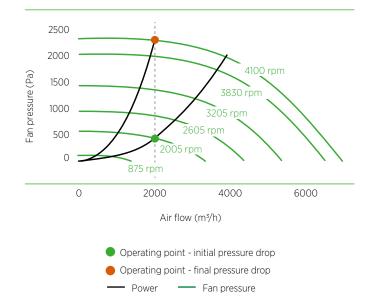
3

4

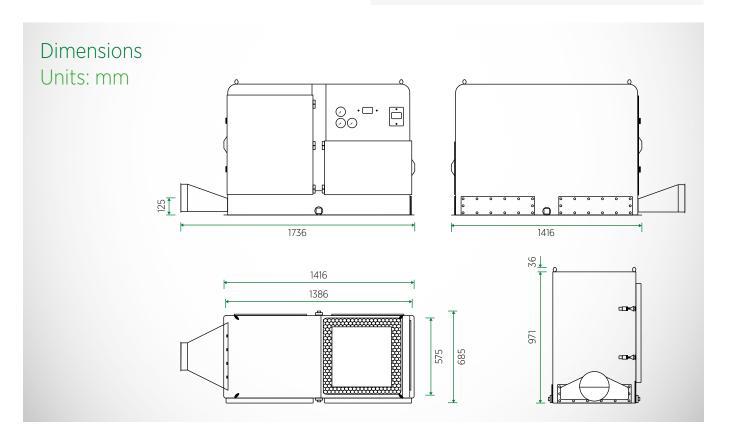
5

1

Wiring via a Harting male/female connector. Quick and easy installation with all connecting interfaces at one spot.



	Sign	Signal exchange				
.1	1	ON/OFF (make contact)	Input: ON/OFF			
	2	М				
1	3	Output Signal: In Operation	Output: In Operation			
PE	4	М				
	5	AL1	Alexes 1 Mater/Davier			
	6	М	Alarm 1, Motor/Power			
	7	AL2	Alarm 2, System pressure high/low/operation signal			
	8	N				
	9	AL3	Alarm 3, System pressure			
	10	N	high/low/operation signal			
	11	Reset				
	12	Ν	Reset for alarms			
	13	Al2	Analog output 2 of			
	14	N	Micaflex MF-PFA			







airfiltration.mann-hummel.com