



ScandMist 100R OEM MD Oil smoke filtration system

General	Product	Units	ScandMist 100R OEM MD
	Application		Neat Oil
	Capacity (nominal)	m³/h	1000
	Part number		D1B10RB100000A
Connections	Inlet type		Jacobs
	Inlet diameter	mm	200
	Drain		2 off, 2" Threaded (BS 21) Female
	Air inlet options		Left/Right/Back/Bottom
	Exhaust		Right
Filters	Filters/stage		1
	Stage 1 filter (coalescer)		9709006038
	Stage 2 filter (HEPA H13)		800527035232
	Stage 3 filter (activated carbon)		Option
	Available external pressure drop	Pa	200
Motor	Туре		Electrically commutated
	ApplicationApplicationCapacity (nominal)Part numberInlet typeInlet diameterInlet diameterDrainAir inlet optionsExhaustrsFilters/stageStage 1 filter (coalescer)Stage 2 filter (HEPA HI3)Stage 3 filter (activated carbon)Available external pressure dropPart numberQuantityMains supplyVentilationPowerSpeedEnvironmental protectionital propertiesWidthHeightDepthNoise levelFanFinishcontrol systemOil pumpItale sensorPrefilter demisterSpraySilencerSilencer		9709005278
			1
			3 ~ 380-480 V, 50/60 Hz
			TEFC
	Power	kW	3,7
	Maximum current	A	4,6
	Speed	RPM	Max 4100
	Environmental protection		IP54
Physical properties	Width	mm	1203
	Height	mm	832 (excluding inlet transition)
	Depth	mm	789 (excluding inlet transition)
	Weight	kg	Clean filters: 170, wet filters: 210
	Noise level	dB(A)	<69
	Application Application Capacity (nominal) Part number Ons Inlet type Inlet diameter Drain Air inlet options Exhaust Filters/stage Stage 1 filter (coalescer) Stage 2 filter (HEPA HI3) Stage 3 filter (activated carbon) Available external pressure drop Part number Quantity Part number Quantity Power Wains supply Ventilation Power Maixinum current Apsile filter (cotalescer) Speed RPM Maixinum current Apsile sterent Power Width mm Depth mm Depth Mais suppi Gased RPM Speed RPM Mais suppi Mais suppi Mais suppi </td <td></td> <td>Backward bent blades</td>		Backward bent blades
	Finish		Powder coating inside and outside
Controls	Control system		Micaflex MF-PFA
Differential pressure gauges	Differential pressure gauges		2 off
Options	Oil pump		N/A
	Level sensor		9908900187
	Prefilter demister		Included
	Spray		Not included
	Silencer		Insulated fan housing
	Airmat Eco NoGlass		Not included

EC fan and motor

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



Connecting interface

Power

1

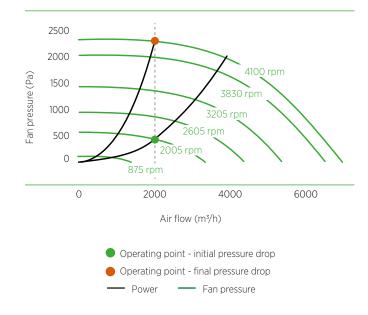
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3

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



	Signa	Signal exchange			
L1 L2	1	ON/OFF (make contact)	Input: ON/OFF		
LZ L3	2	М			
N	3	Output Signal: In Operation	Output: In Operation		
PE	4	М			
	5	AL1	Alarm 1, Motor/Power Alarm 2, System pressure high/low/operation signal Alarm 3, System pressure high/low/operation signal		
	6	М			
	7	AL2			
	8	Ν			
	9	AL3			
	10	N			
	11	Reset			
	12	N	Reset for alarms		
	13	Al2	Analog output 2 of		
	14	N	Micaflex MF-PFA		

