



MANN+
HUMMEL

ScandMist
100R OEM
Oil smoke
filtration system

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Oil smoke filtration system

General	Product	Units	ScandMist 100R OEM Gen 2.5
	Application		Neat Oil
	Capacity (nominal)	CFM	600
	Part Number		CIB10RB000000A
Connections	Inlet type		Jacobs
	Inlet Diameter	Inches	8
	Drain		2 off, 2" Threaded (BS 21) Female
	Air Inlet Options		Left/Right/Back
	Exhaust		On top
Filters	Filters/Stage		1
	Pre-filter		Not included
	Stage 1 Filter		97090M1224
	Stage 2 Filter		9709006046
	Stage 3 Filter		800530024917
	Final Pressure Drop	Pa	2040
Motor Options	Type		Electrically commutated
	Part number		9709016094
	Quantity		1
	Mains Supply		3- 400V 50Hz/60Hz
	Ventilation		TEFC
	Power	HP	5
	Maximum Current	A	4.6
	Speed	RPM	Max 4100
	Environmental Protection		IP54
Physical properties	Width	Inches	56
	Height	Inches	38 (excluding inlet transition)
	Depth	Inches	27 (excluding inlet transition)
	Weight	lbs	Clean filters: 514, Wet filters: 635
	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		Not included
	Level sensor		Not included
	Spray		Not included
	Silencer		Insulated fan housing

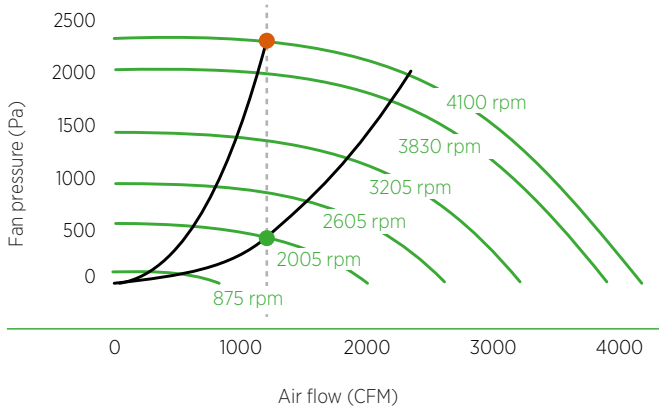
EC fan and motor

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



Connecting interface

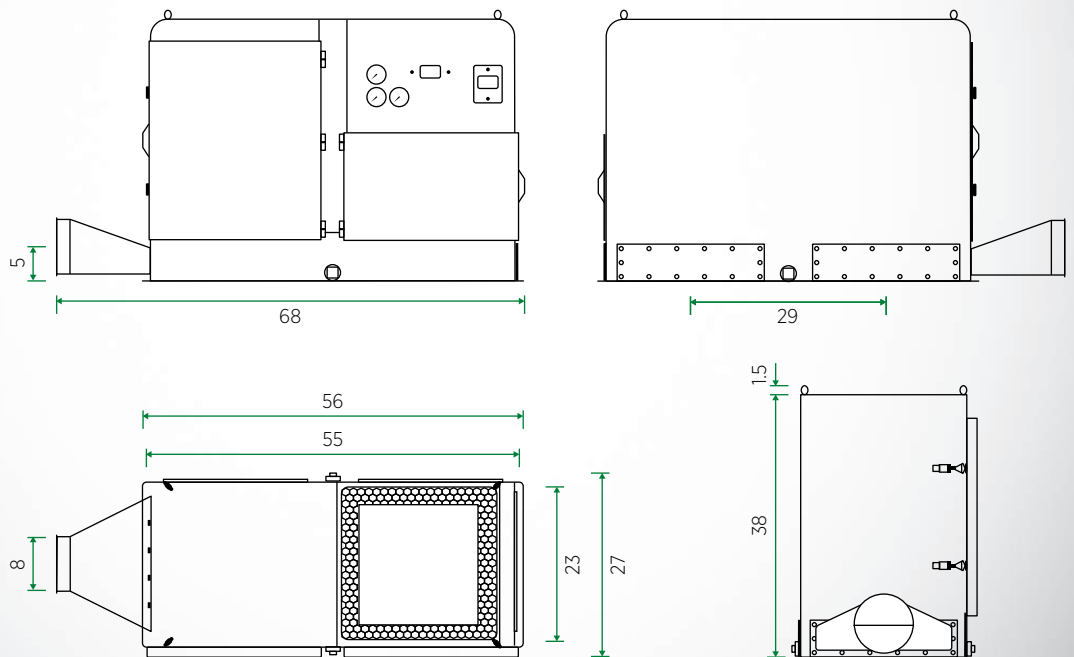
Wiring via a Harting male/female connector. Quick and easy installation with all connecting interfaces at one spot.



- Operating point - initial pressure drop
- Operating point - final pressure drop
- Power
- Fan pressure

Power		Signal exchange	
1	L1	1	ON/OFF (make contact)
2	L2	2	M
3	L3	3	Output Signal: In Operation
4	N	4	M
5	PE	5	AL1
		6	M
		7	AL2
		8	N
		9	AL3
		10	N
		11	Reset
		12	N
		13	AI2
		14	N

Dimensions Units: Inches





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