

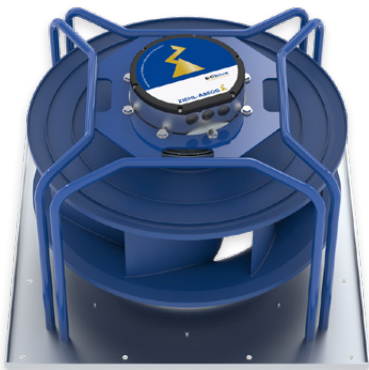
ScandMist 400M



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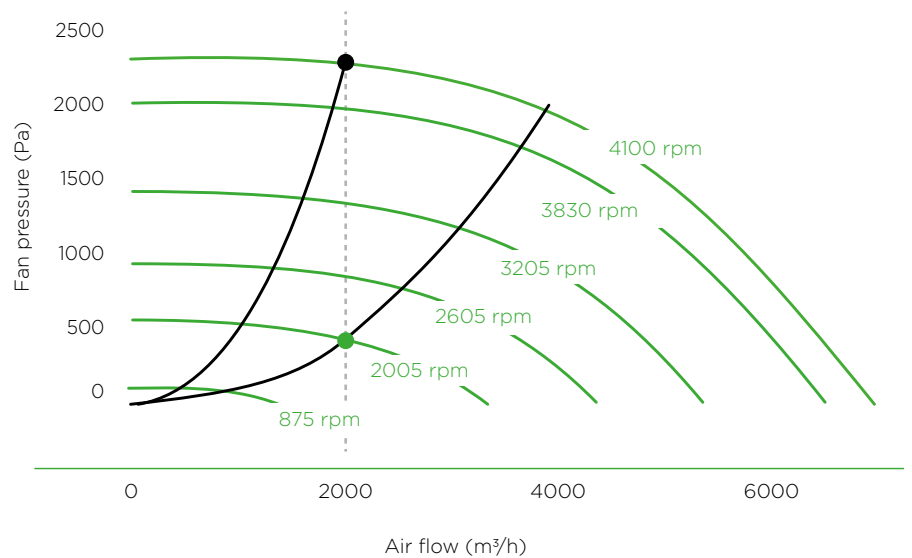
MQL filtration system

	Product	ScandMist 400M
General	Application	MQL filtration
	Capacity (nominal)	4000 m ³ /h
	Part number	1000014438
Connections	Inlet type	Jacobs
	Inlet diameter	315 mm
	Drain	2 off (left and right), 1½"
	Air inlet options	Left/right
	Exhaust	Top free blow out and flange back side
Filters	Filters/stage	2
	Stage 1 filter (Coalescer)	1000023415
	Stage 2 filter (Aircube N Eco)	1000006062
	Stage 3 filter (HEPA H13)	1000003553
	Available external pressure drop	200 Pa
Motor	Type	Electrically commutated
	Part number	1000024320
	Quantity	2
	Mains supply	3 - 380-480 V, 50/60 Hz
	Efficiency	Super premium efficiency IE5 (IEC60034-30-2)
	Power	2 x 3.7 kW
	Maximum current	9.2 A
	Speed	Max 4100 rpm
	Environmental protection	IP54
Physical properties	Width	770 mm
	Height	2000 mm
	Depth	1312 mm
	Weight	Clean filters: 370 kg, wet filters: 455 kg
	Noise level	<69 dB(A)
	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	1000013594
	Prefilter demister	Included (1000015237)
	Spray	Not included
	Silencer	Insulated fan housing



EC FAN AND MOTOR

The EC fan and motor combine energy efficiency and quiet operation.



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

CONNECTING INTERFACE

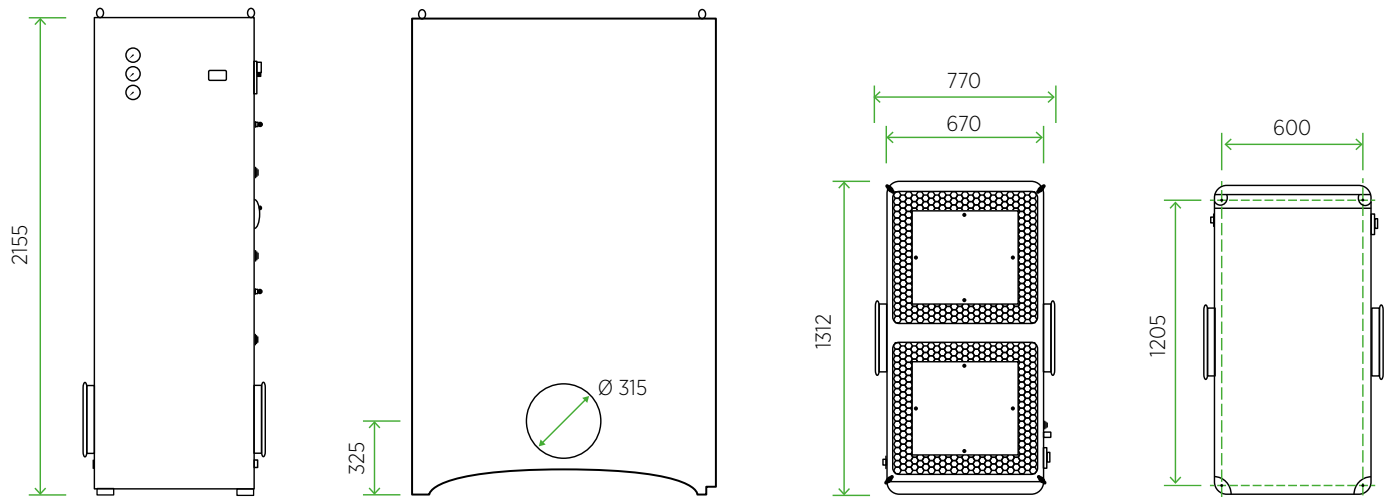
Wiring via a Harting male/female connector. Quick and easy installation with all connecting interfaces in one spot.

Power	
1	L1
2	L2
3	L3
4	N
5	PE

Signal exchange

1	ON/OFF (make contact)	Input: ON/OFF
2	M	
3	Output Signal: In Operation	Output: In Operation
4	M	
5	AL1	Alarm 1, Motor/Power
6	M	
7	AL2	Alarm 2, System pressure high/low/operation signal
8	N	
9	AL3	Alarm 3, System pressure high/low/operation signal
10	N	
11	Reset	Reset for alarms
12	N	
13	AI2	Analog output 2 of Micaflex MF-PFA
14	N	

Dimensions and weight



Dimensions (mm)

Weight	kg
Empty	260
Clean filters	370
Wet filters	455

We reserve the right to update, change or supplement the information provided in this document without prior notice.

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