ScandMist 40R
Oil smoke filtration system

MANN+HUMMEL

ScandMist

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Nominal capacity: 400 m³/h

| General	Part number	A1A04RB000000A
Connections	Inlet type	Jacobs
	Inlet diameter	6"
	Drain	2 off, 1" threaded (BS 21) female
	Air inlet options	Left or right or bottom
	Exhaust	
Filters	Filters/stage	1
	Stage 1 filter	9709006062
	Stage 2 filter	N/A
	Stage 3 filter	800527035256
	Final pressure drop	1000 Pa
Motor Options	Type	Electrically commutated
	Part number	7400010751
	Quantity	1
	Mains supply	1~ 230V 50Hz
	Ventilation	TEFC
	Power consumption*	0.5 HP
	Maximum current	2.9 A
	Speed	Max. 3600 rpm
	Environmental protection	IP54
	Efficiency class	IE4 compliant
Physical properties	Dimensions (W x H x D)	19 x 50 x 17"
	Weight with clean filters	176 lbs
	Noise level	< 69 dB(A)
	Fan	Backward bent blades
	Finish	Air dried enamel. Powder coating inside and outside housing in RAL 9010.
Controls	Control system	Micaflex MF-PFA
	Differential pressure gauges	2 off
Options	Integrated pump	
	Exhaust transition	
	Flange inlet connection	

*At final pressure drop

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.

Fan pressure (Pa) vs Air flow (CFM)
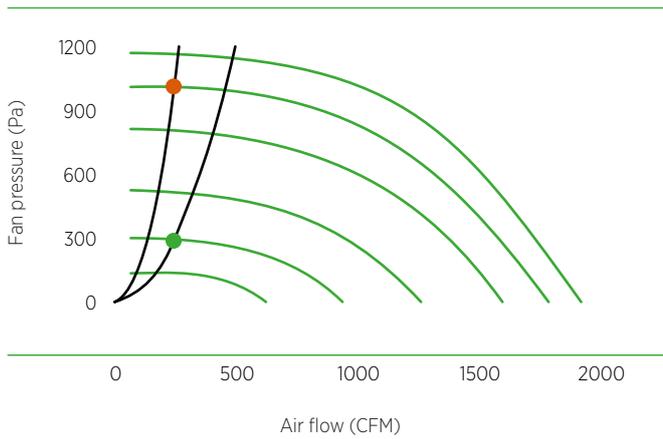
- ● Operating point initial pressure drop
- ● Operating point final pressure drop

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
Units: Inches

1.5

48.5

19

18

17

16

16
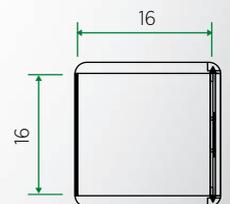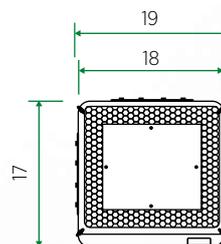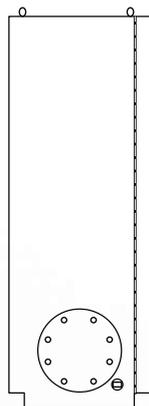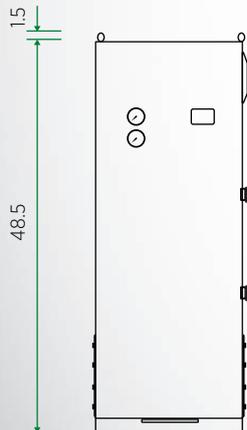
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