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ScandMist 300R  
Oil smoke filtration  
system

ScandMist

# ScandMist 300R

## Oil smoke filtration system

### ScandMist 300R

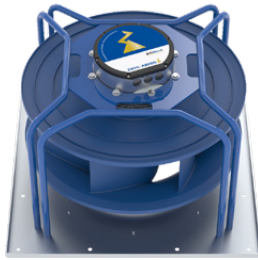
Nominal capacity: 3000 m<sup>3</sup>/h

General	Version	EC motor	Induction motor
	Part number	9709016070	9709016082
<b>Connections</b>	Inlet type	Jacobs	Jacobs
	Inlet diameter	411 mm	411 mm
	Drain	2 off, 2" threaded (BS 21) female	2 off, 2" threaded (BS 21) female
	Air inlet options	Left or right	Left or right
	Exhaust	411 mm diameter with 540 mm flange	411 mm diameter with 540 mm flange
<b>Filters</b>	Filters/stage	3	3
	Stage 1 filter	9709006037	9709006037
	Stage 2 filter	9709006038	9709006038
	Stage 3 filter	5211343315	5211343315
	Final pressure drop	2250 Pa	2250 Pa
<b>Motor Options</b>	<b>Type</b>	<b>Electrically commutated</b>	<b>AC Induction</b>
	Part number	7400010752	9709005417
	Quantity	3	3
	Mains supply	3- 400V 50Hz	3- 400V 50Hz
	Ventilation	TEFC	TEFC
	Power consumption*	2.8 x 3 kW	1.1 kW x 3
	Maximum current	13.2 A	7.2 A
	Speed	Max 4100 rpm	2955 rpm
	Environmental protection	IP54	IP55
	Efficiency class	IE4 Compliant	IE3
<b>Physical properties</b>	Dimensions (W x H x D)	775 x 1990 x 1957 mm	770 x 2370 x 1957 mm
	Weight with clean filters	540 kg	624 kg
	Noise level	< 69 dB(A)	< 75 dB(A)
	Fan	Backward bent blades	Backward bent blades
	Finish		
<b>Controls</b>	Control system	Micaflex MF-PFT	Danfoss FC102P11KT4
	Differential pressure gauges	3 off	3 off
<b>Options</b>	Integrated pump	Jabsco, part number 23670-4003	Jabsco, part number 23670-4003
	Exhaust transition		Included as standard
	Flange inlet connection		

\*At final pressure drop

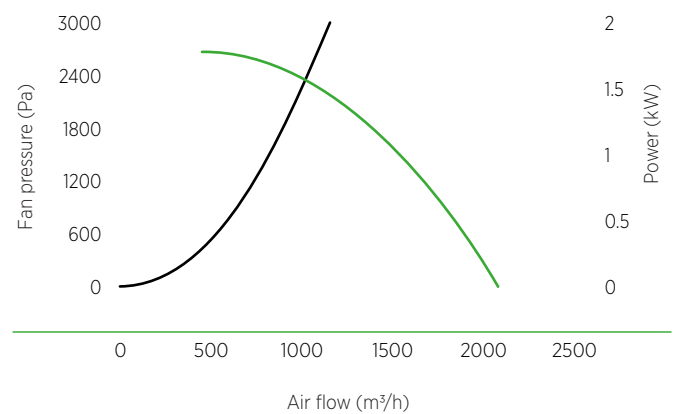
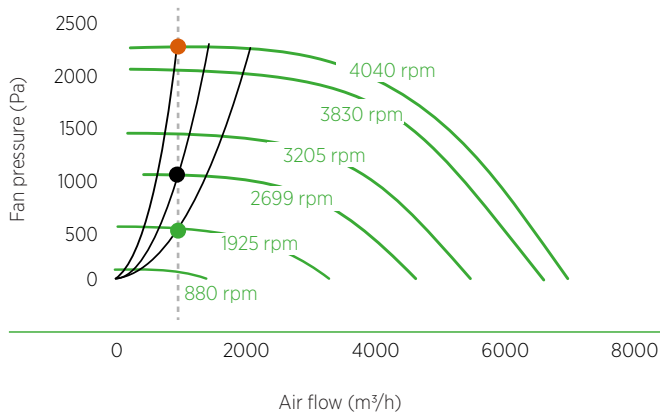
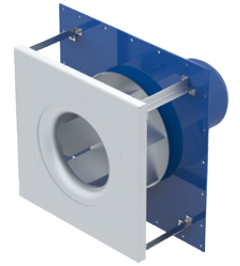
## EC fan and motor Fitted as standard

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



## IE3 ventilator Available as an option

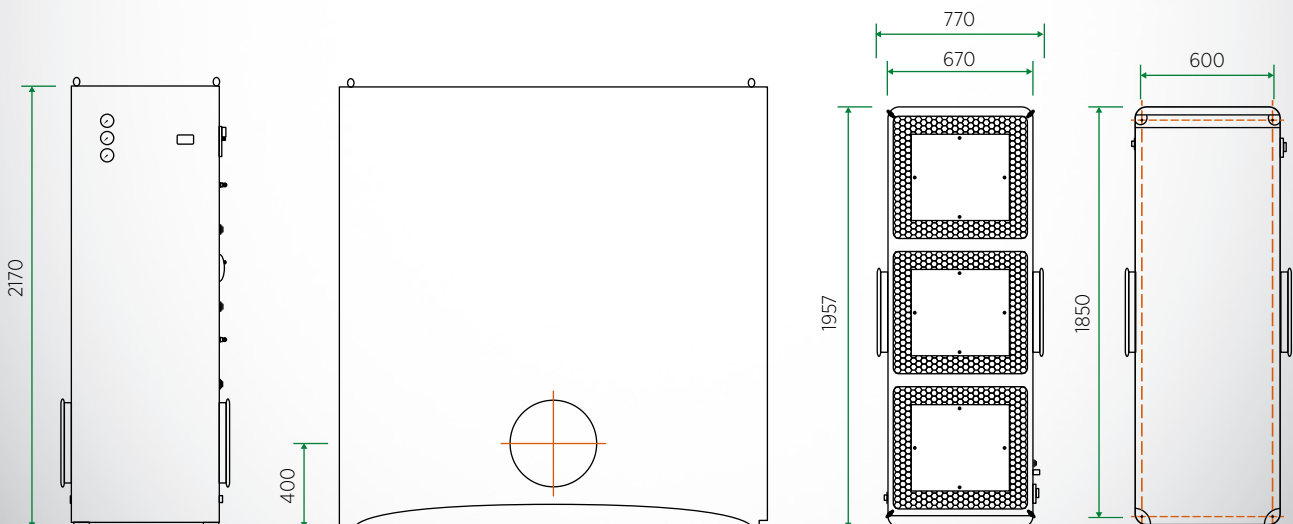
An optional IE3 configuration takes performance to the next level with exceptionally low energy consumption.



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

## Dimensions and weight Units: mm

Weight	kg
Empty	380 kg
Clean filters	540 kg
Wet filters	660 kg





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