

A large, white, industrial-grade oil mist filtration system. The unit is rectangular with a vertical seam down the center. On the left side, there are three circular gauges stacked vertically. Below them, the brand name 'MANN+HUMMEL' is printed in green. In the center of the front panel, there is a rectangular control panel with a red indicator light and a small display. Below this panel is a small black and red component. On the right side, there is a large circular access panel. At the bottom left, the word 'ScandMist' is printed in green. The overall design is clean and professional.

MANN+  
HUMMEL

ScandMist 600D  
Oil mist filtration  
system

ScandMist

# ScandMist 600D

## Oil mist filtration system

### ScandMist 600D

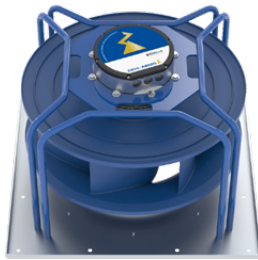
Nominal capacity: 6000 m<sup>3</sup>/h

General	Version	EC motor	Induction motor
	Part number	9709016071	9709016083
<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	9709006026	9709006026
	Stage 2 filter	9709006027	9709006027
	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	7400010725
	Quantity	3	3
	Mains supply	3- 400V 50Hz	3- 400V 50Hz
	Ventilation	TEFC	TEFC
	Power consumption*	2.8 kW x 3	2.2 kW x 3
	Maximum current	13.2 A	18.3 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)	770 x 2170 x 1957 mm	770 x 2370 x 1957 mm
	Weight with clean filters	540 kg	678 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

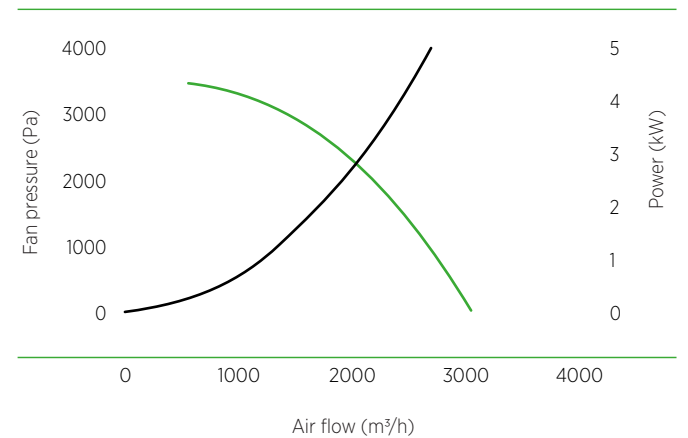
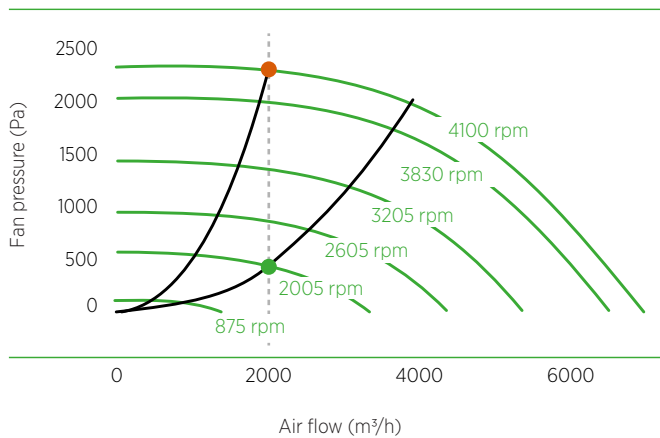
## EC fan and motor Fitted as standard

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



## IE3 ventilator Available as an option

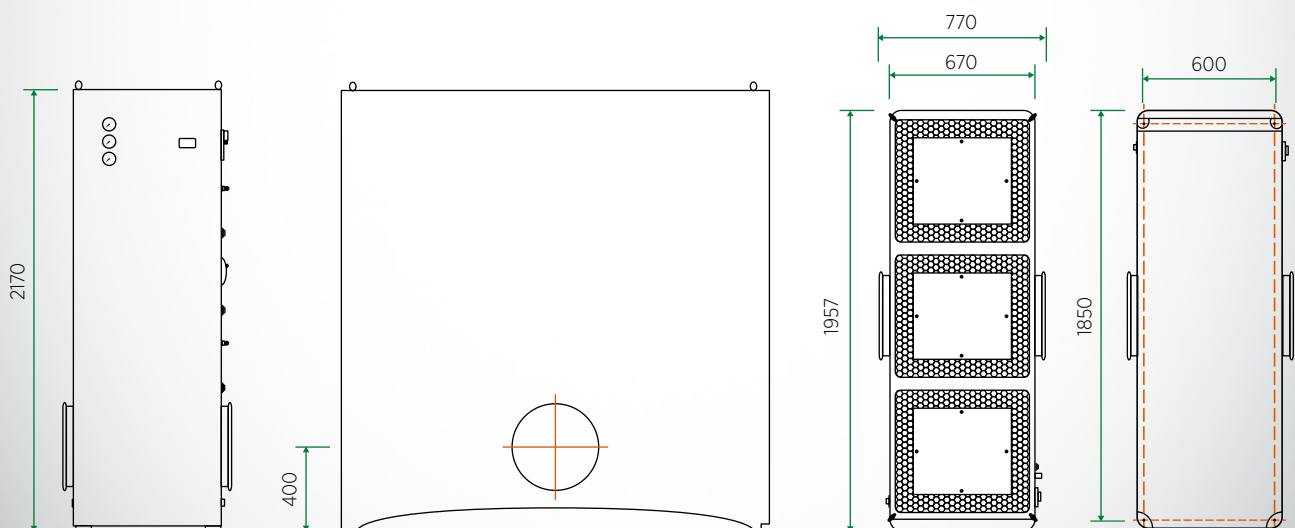
An optional IE3 configuration takes performance to the next level with exceptionally low energy consumption.



● 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





0617 Printed in Germany © MANN+HUMMEL

**MANN+  
HUMMEL**

[airfiltration.mann-hummel.com](http://airfiltration.mann-hummel.com)