

Your Benefits at a Glance

AS 600
AS 1100
AS 1600
AS 3000
AS 4000
AS 6000

- Compact unit for the extraction of oil and emulsion mist
- Easy installation above the processing machine
- Available in six different models
- Three stage filter system

Oil Mist Separators

Product Description

During the machining of metals the cutting fluids evaporate. The oil mist separator AS will be installed directly above the processing machine where it extracts the mist that is generated during the machining processes.

Features

- Application Range:**
- Extraction of lubricant mist and fumes
- Special Features:**
- Manual cleaning
 - Mechanical filtration



Oil Mist Separator AS 600



Oil Mist Separator in operation

Data dependent on equipment type

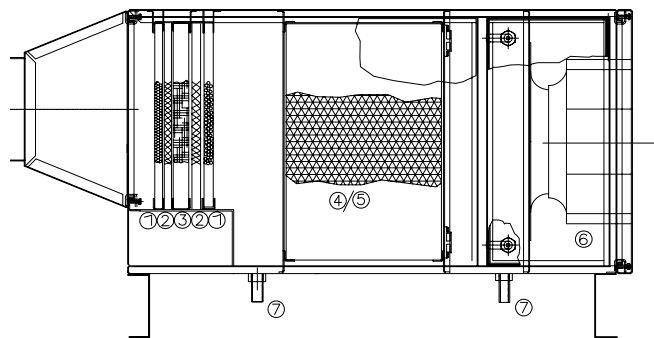
Technical Data

Oil mist separators		AS 600	AS 1100	AS 1600	AS 3000	AS 4000	AS 6000
Max. airflow	m ³ /h	600	1.100	1.600	3.000	4.000	6.000
Intake diameter	mm	150	200	200	300	300	300/400
Voltage	V	400	400	400	400	400	400
Motor	kW	0,5	0,8	1,2	2,8	3,2	4,5
Dimensions (L/W/H)	mm	775 x 400 x 400	1.175 x 470 x 510	1.175 x 470 x 510	1.345 x 740 x 675	1.345 x 740 x 675	1.345 x 740 x 675
Weight	kg	50	70	75	130	130	200
Order Number		56.101	56.102	56.103	56.104	56.105	56.106

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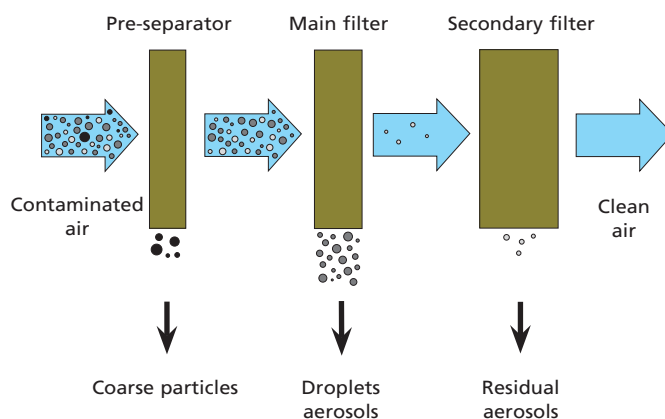
- High vacuum performance
- Large filter area
- Easy cleaning
- Cleanable long life filter



- 1 Pre-separator
- 2 Pre-filter
- 3 Main filter

- 4 Secondary filter
- 5 Secondary separator
- 6 Fan
- 7 Drain connection

Combined Filtration Process:



Functional Principle

Pre-Separator:

Oil and droplets of cutting fluid can be separated utilizing a wear resistant metal mesh separator and non-woven fabric of classification EU 5.

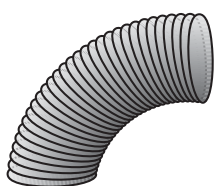
Main Filter:

Inside the highly durable plate collector heavy aerosols are separated from the air stream by redirecting the air stream multiple times. The droplets are forced down by gravity and the collected fluid can be removed at the drain connection.

Secondary Filter:

The remaining mist and aerosol particles will be extracted with a high efficiency sub-micron particulate air filter (EU 13) with an efficiency of nearly 100%. Alternatively a metal mesh separator can be used.

Accessories



Flexible Pipes

- Ø 32 mm Order No. 06000085
- Ø 55 mm Order No. 06000086
- Ø 80 mm Order No. 06000090
- Ø 100 mm Order No. 06000089

- Ø 125 mm Order No. 06000091
- Ø 150 mm Order No. 06000092
- Ø 200 mm Order No. 06000094