FUMEX®

OWNERS MANUAL

OMF

Mechanical Oil Mist Separator



NOTE: Please read before start-up

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1.0 General Information

OMF is a mechanical oil and emulosion mist separator with a degree of separation up to 99,99% @ 0,3 microns of smoke

The device is equipped with fiberglass filter cartridge and aluminium separators and HEPA-Filter

The complete unit consists of::

- ✓ Housings made from powder coated steel sheet
- ✓ Filtercartridges
- ✓ HEPA-Filter
- ✓ Fan
- ✓ Pressure gauges
- ✓ Protective switchgears for fan

The oil or emulsion goes with a return pipe to a container.

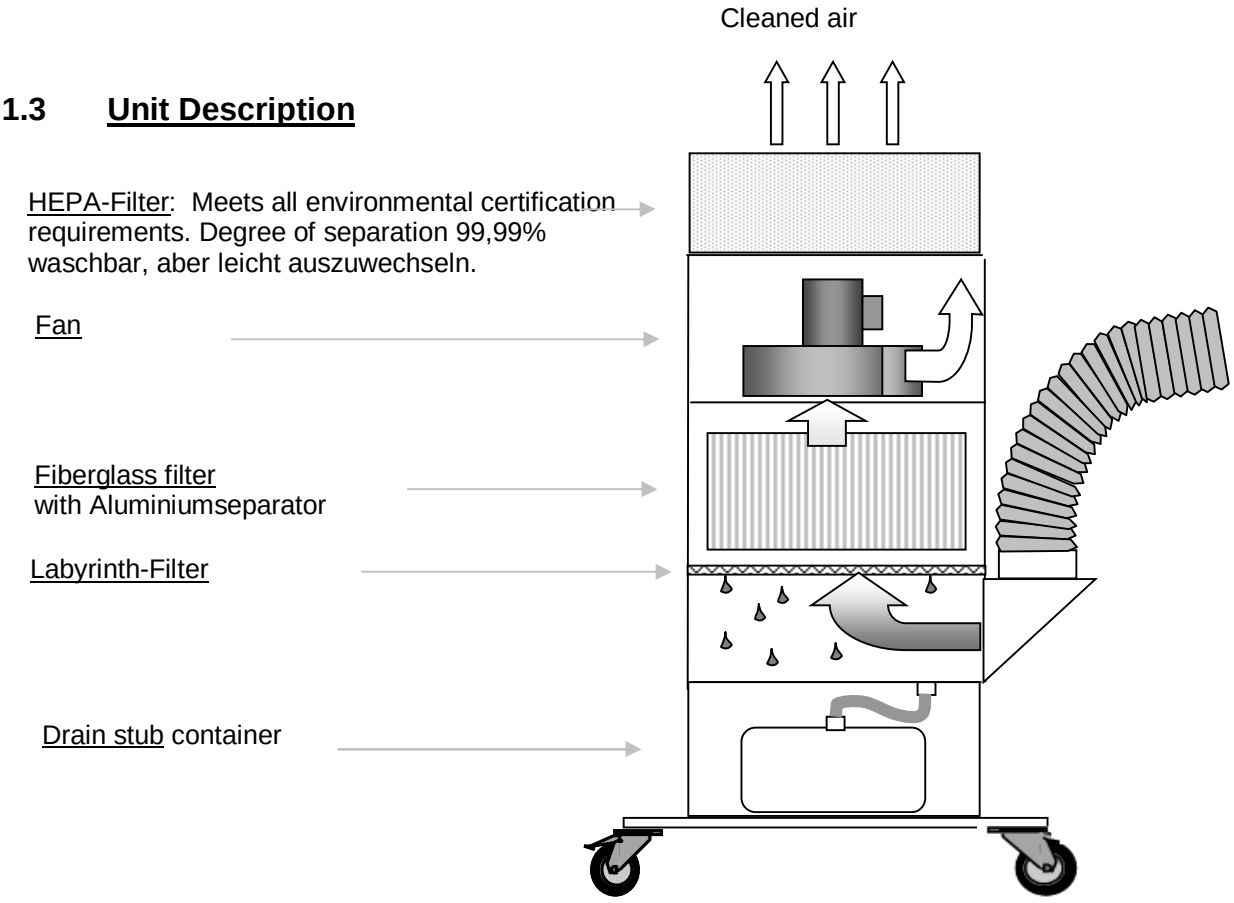
1.1 Safety Note

Always disconnect the supply voltage before opening or servicing the device.

1.2 Range of application

Separation of oil and emulsion mists.

1.3 Unit Description



1.4 Installation

OMF is suitable for application intended and protected by influences of the weather, in dry areas

Cleaned air is blown out upward

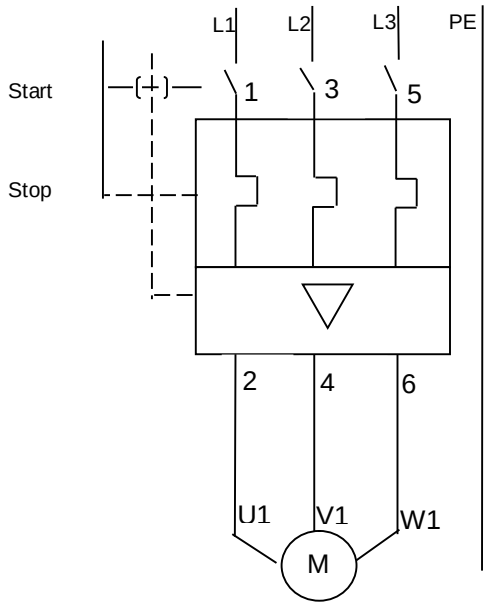
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1.5 Electrical

OMF 1 Phase comes complete with cable and plug and overload protector.

OMF 3-Phase comes with overload protector.
Without cable and plug..

The electrical installation oft he unit is only tob e done by a qualified and licensed electrician.
All relevant regulations are to be observed.



1.6 Start-Up

Before start-up, please read the owners manual and be familiar with the operation of the unit

Determine that the filter cartridges are correctly mounted in the unit.
(gaskets upward, and turn buckle upward)

Observe the direction of rotation when switching on the fan. During correct rotation, the pressure gauge at the HEPA-Filter must indicate a pressure drop of app. 140 Pa (with 3m Arm)

1.7 Technical Data

Dimension:	Length:	610mm
	Width:	550mm
	Height:	1.480mm(with HEPA-Filter)
Filtersurfaces:	Filter :	4,5 + 4,5m^2
	HEPA-Filter:	9m^2
AIR INTAKE:		DN 160mm

1.8 Fan Data

Operating Voltage	230V/ 1~	400V/ 3~
Capacity	0,75kW	0,75kW
Amp	5 A	1,83A
RPM	2.900 U/min	2.900 U/min
Frequenzy	50 Hz	50 Hz
Safety class	IP 54	IP 54

2.0 Maintenance

2.1 General

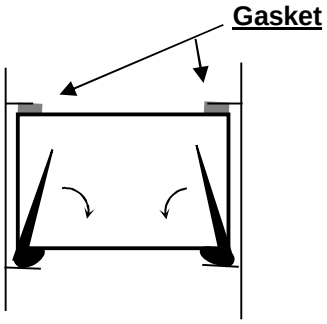
The filter cartridge is self cleaning and service life is min. 2 years.

The HEPA-Filter should be changed after 6-18months.

2.2 Filter Changes

Turn unit off and loosen the four quick-locking mechanisms of the door.Remove the door from the device.

.To remove the filter,fold the turn buckle down. The filter can now be removed.



When installing the filter media, ensure that the gasket sits above the filter.

2.3 Filterelemente

HEPA-Filter Art.Nr. OH13-22
Filtercartridge Art.Nr. OEU5/9-8