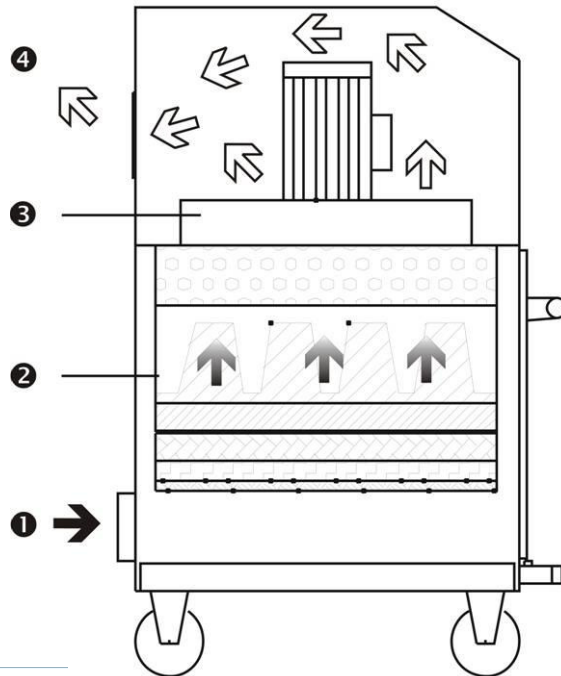


# Technical Documentation for Extraction and Filter Units Type Series AOD 1000



1. inlet stub
2. filter cartridge
3. motor / fan
4. air outlet



## Functional principle:

A special fan (3) with a large capacity of spare pressure creates an air flow adapted to the respective application at the clean air section of a special filter cartridge (2). The hazardous air is reliably extracted (1) and cleaned. The standard loaded filter indicator lights up if the filter is clogged.

Because of the high purity of the filtered air it can be supplied back to the working area (4), thus, reducing energy costs.

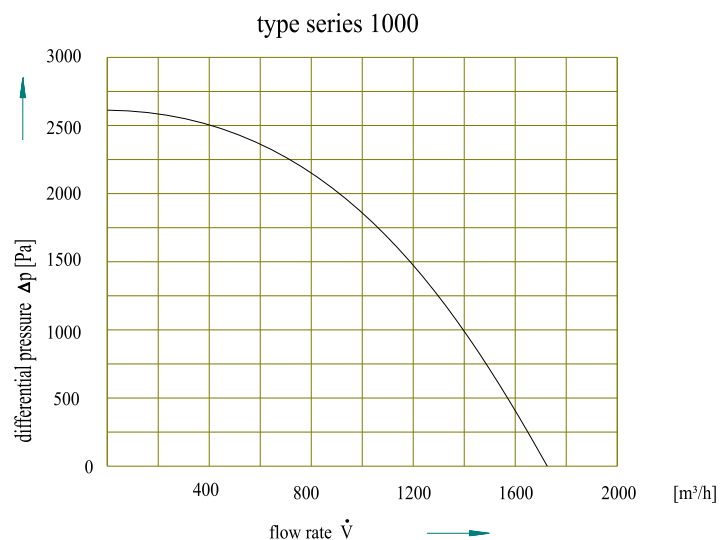
The filtered oil and emulsions are collected in a drip pan. It can be drained through a drain cock.

# Technical Documentation for Extraction and Filter Units Type Series AOD 1000



## Specification / Fan Graph

Type Series		1000	1000-V
Parameters	Unit		
max. flow rate	M <sup>3</sup> /h	1.700	1.700
max. vacuum	Pa	2.600	2.600
nominal capacity	m <sup>3</sup> /h at Pa	1.000 / 1.800	1.000 / 1.800
nominal motor power	KW	1,5	1,5
nominal voltage	V	400	230
nominal currency	A	3,5	3,5
frequency	Hz	50	50
type of protection	IP	54	54
noise level at 50%	dB(A)		
noise level at 100%	dB(A)	62	62
weight	kg	135	135
flow rate controller		optional	
loaded filter indicator		optional	
operating hour meter		optional	
inlet stub	mm	on request	
air outlet		outlet grating or stub	

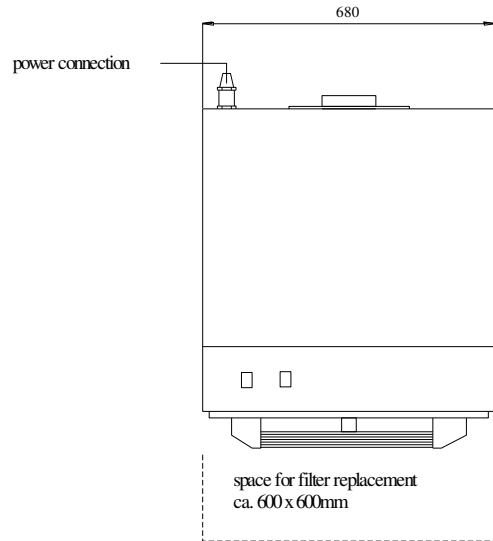
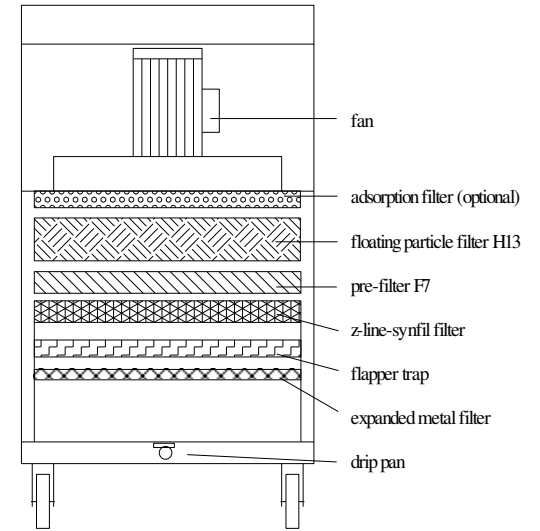
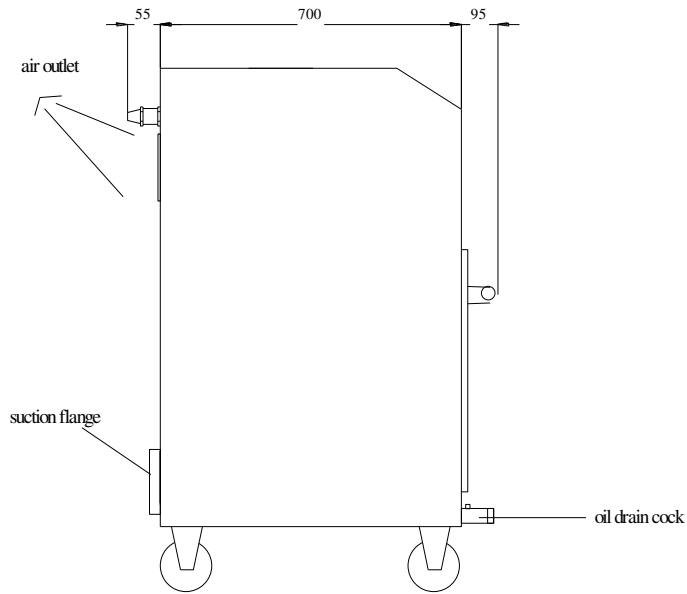
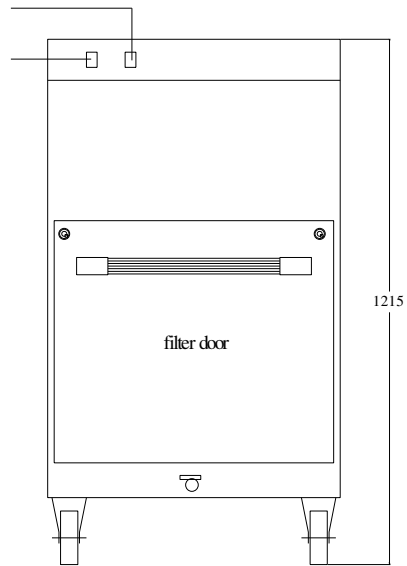


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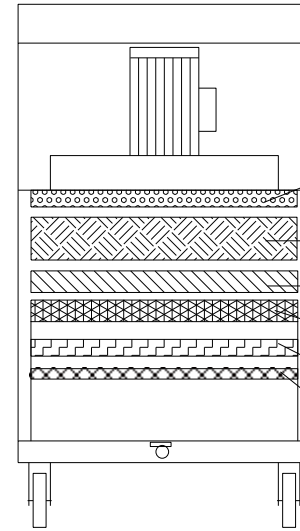
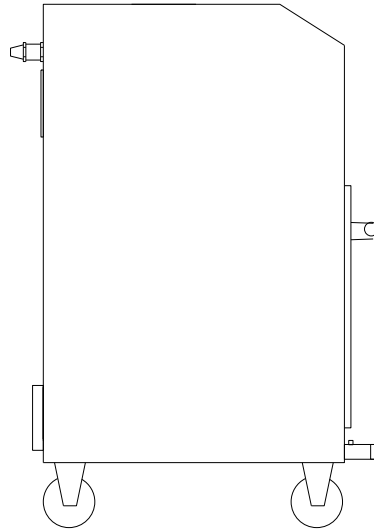
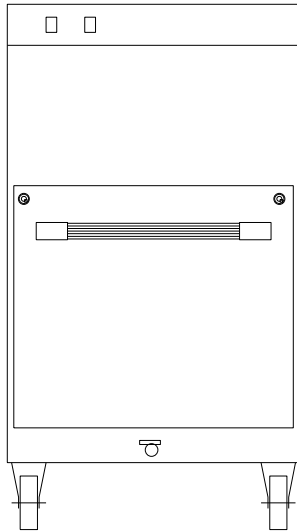
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Am Göpelteich 1 · D-02708 Löbau · Telefon 00 49 (0) 35 85 / 41 28-0 · Telefax 00 49 / (0) 35 85 / 41 28-11

minimum flow rate controller  
power switch



					Umwelt - Lufttechnik Am Gopelteich 1 D-02708 Kittlitz	Bezeichnung: <b>AOD 1000-M</b>	
				2003	Datum	Name	Zeichnungsnummer:
				Bearb.	11.08.	B.Hühnel	<b>ULT AOD 1000-M</b>
				Gepr.	11.08.	A.Reichmann	
Ausgabe	Änderung	Tag	Name	Norm			Maßstab:

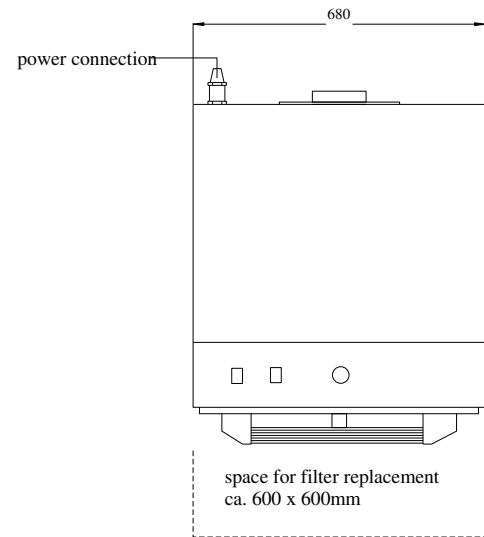
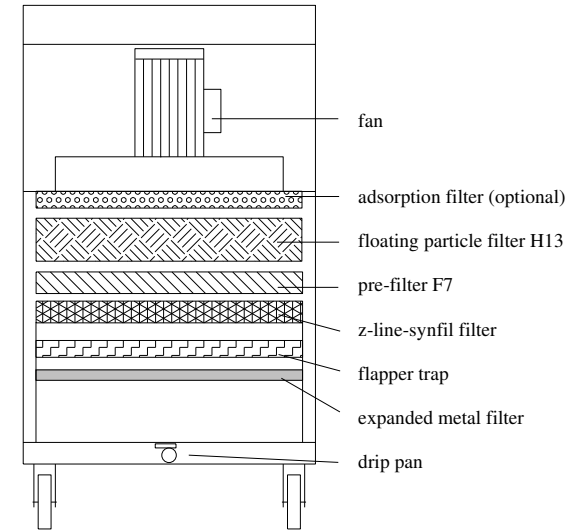
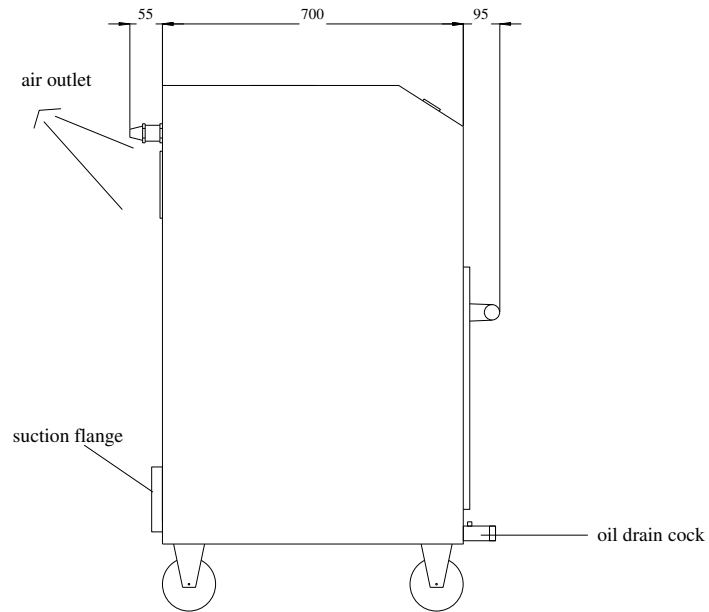
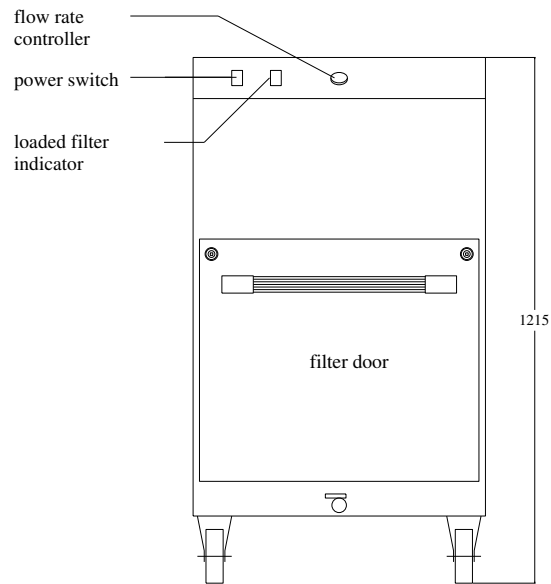


- adsorption filter - new exchange ULT 02.1.040  
ULT 02.4.040
- floating particle filter HI3 ULT 02.0.055
- pre-filter F7 ULT 02.0.054
- z-line-synfil filter ULT 02.0.053
- flapper trap ULT 02.0.052
- expanded metal filter ULT 02.0.017

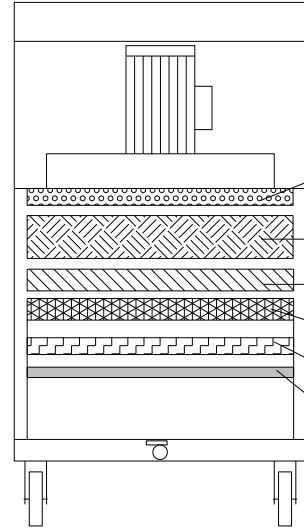
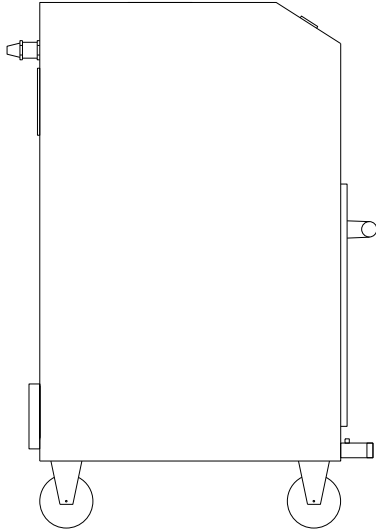
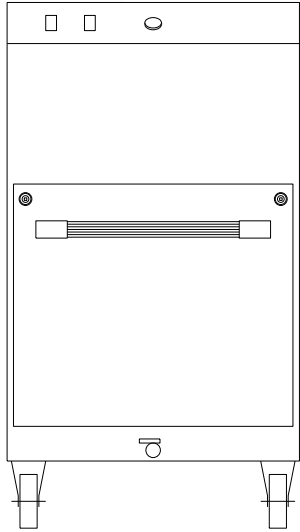


space for filter replacement  
ca. 600 x 600mm

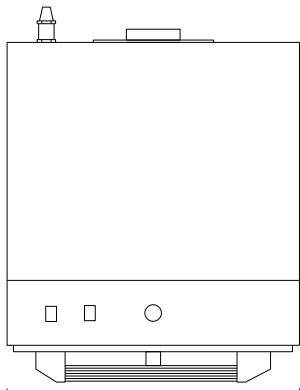
				Umwelt - Lufttechnik Am Göpelteich 1 D-02708 Kittlitz			<b>Bezeichnung:</b> AOD 1000-M spare and wear parts	
				2003	Datum	Name	<b>Zeichnungsnummer:</b> ULT AOD 1000-M (EZ)	
				Bearb.	11.08.	B.Hähnel		
				Gepr.	11.08.	A.Reichmann	<b>Maßstab:</b>	
				Norm				
<b>Ausgabe</b>	<b>Änderung</b>	<b>Tag</b>	<b>Name</b>					



				Umwelt - Lufttechnik Am Göpelteich 1 D-02708 Kittlitz			Bezeichnung: <b>AOD 1000-VF</b>	
				2003	Datum	Name	Zeichnungsnummer: <b>ULT AOD 1000-VF</b>	Maßstab:
				Bearb.	11.08.	B.Hähnel		
				Gepr.	11.08.	A.Reichmann		
Aus-	Änderung	Tag	Name	Norm				



- adsorption filter - new exchange      ULT 02.1.040
- floating particle filter H13              ULT 02.0.055
- pre-filter F7                                ULT 02.0.054
- z-line-synfil filter                        ULT 02.0.053
- flapper trap                                ULT 02.0.052
- expanded metal filter                    ULT 02.0.017



space for filte replacement  
ca. 600 x 600mm

				Umwelt - Lufttechnik Am Göpelteich 1 D-02708 Kittlitz			<b>Bezeichnung:</b> AOD 1000-VF spare and wear parts	
				2003	Datum	Name	<b>Zeichnungsnummer:</b> ULT AOD 1000-VF (EZ)	<b>Maßstab:</b>
				Bearb.	11.08.	B.Hähnel		
<b>Aus-</b>	<b>Änderung</b>	<b>Tag</b>	<b>Name</b>	Gepr.	11.08.	A.Reichmann		
				Norm				