

Series 1200 ASD 1200 MD.18 TH



Date of issue: 03/2019



LASER
FUMES



DUST AND
SMOKE



SOLDERING
FUMES



ODORS,
GASES, AND
VAPORS



CLEANING
INDUSTRIAL
GASES



NEW
EMISSIONS



WELDING
FUMES



OIL AND
EMULSION
MISTS



COMPLETE
SOLUTIONS





DUST AND
SMOKE

Application and use

The **ASD 1200 MD.18 TH** is suitable for capturing and filtering dry and non-flammable **dusts** in non-explosive air mixtures. Toxic pollutants that are released are captured by the collection heads immediately adjacent to their point of generation, and are filtered by the **ASD 1200 MD.18 TH**. Combinations of filter stages ensure effective filtration of the various dust particles. Dust removal efficiency is thus > 99.95%. Separate replacement of the individual filter stages can extend the life of the main filter, thereby reducing operating costs.

Examples

- ↳ Grinding, engraving
- ↳ Transferring
- ↳ Polishing
- ↳ Restoring / cleaning works of art

ULT 1200 mobile extraction and filtration unit

- ↳ mobile device with castors
- ↳ simple filter handling, modular construction
- ↳ control elements on the front
- ↳ rugged sheet steel housing
- ↳ power coated
 - Vacuum module RAL 7001 silver gray
 - Filter module 7035 light grey



Filter system:

Replaceable filters

These are filters which must be replaced when their absorption capacity is reached.

Filter technology:

Main filter module

- (1) pocket filter F7
Filter class: F7 fine dust filters acc. to DIN EN 779
- (2) Z-Line filter F7
Filter class: F7 fine dust filters acc. to DIN EN 779
- (3) particulate filter cassette H13
Filter class: H13 HEPA filter, suspended matter filter to DIN EN 1822



ASD 1200.0-MD.18.cc.3005

Parameter	Unit	MD.18.10.	
Volumetric flow, max.	m ³ / h	1,500	
Vacuum max.	Pa	3,250	
Rated volumetric flow	m ³ /h @ Pa	1,000 @ 1,700	
Motor rating	kW	0.86	
Rated voltage	V	1~ 230	
Rated current	A	4.8	
Frequency	Hz	50 / 60	
Protection rating	IP	54	
Vacuum generator type		Blower	
Noise level (@ 50 - 100%)	dB(A)	55 - 65	
Air flow controller		yes	
Loaded particle filter indicator	optical	yes	
SUB D9 interface	(1*)	optional (MD.18.11)	
Digital device control, integrated	(2*)	optional	
Exhaust air vent DN 200	(3*)	optional	
Suction versions	Spigot	1x Ø 150 mm flange collar	
	Location	Device rear, top	
	Spigot	1x Ø 160 mm flange collar	
	Location	Device roof	
Extracted air channel		Exhaust grille	
	Location	Device rear, bottom	
Width	mm	790	
Depth	mm	820	
Height	mm	1340	
Weight	kg	approx. 160	
Power line	m	5	
Filter arrangement		Filter system: Replaceable filters	
		Full filter set consisting of:	
	(1)	Pocket filter F7	ULT 02.0.612
	(2)	F7 Z-Line filter	ULT 02.1.666
(3)	H13 particulate filter cassette	ULT 02.1.611	
Spark protection (expanded metal filter)		optional ULT 02.0.676	

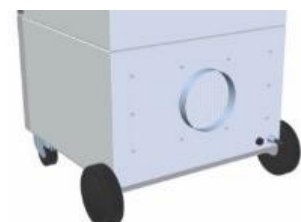
(1*)



(2*)

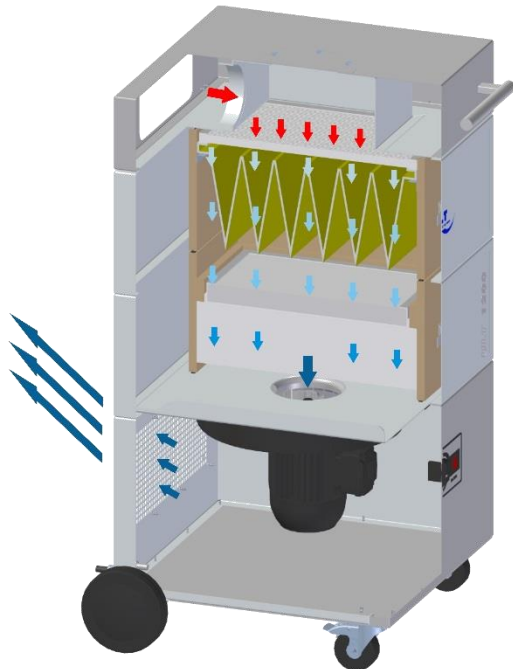


(3*)





DUST AND SMOKE



- Raw gas
- Filtration
- Clean gas

How it works:

A high-output fan with a high pressure reserve generates a volumetric flow suitable for the application on the **clean air side** of the filter. In this way, the pollutant-laden air is extracted in a reliable manner.

The **particles** are precipitated and held back in a multi-stage storage filter system.

Storage filter system

These are filters which must be replaced when their absorption capacity is reached.

A complete set of filters:

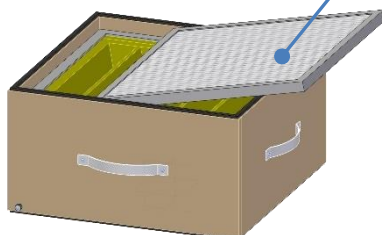
- (1) **Fine dust filter** Pocket filter F7
- (2) **Fine dust filter** Z-Line filter F7
- (3) **Particle filter** Suspended matter filter H13

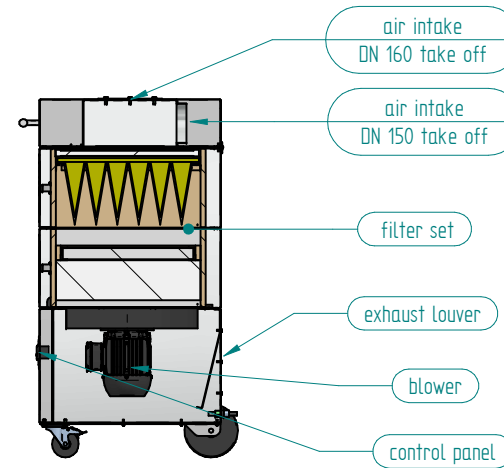
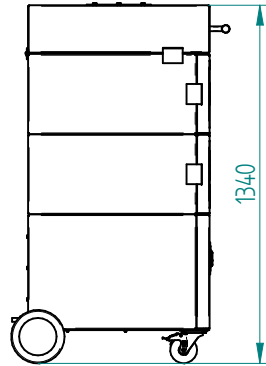
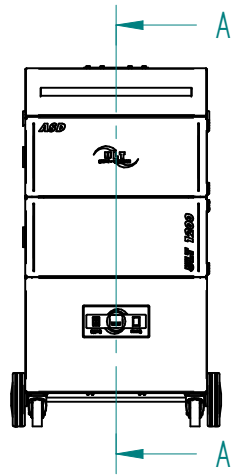
Due to the high degree of filtering, the **filtered air** can then be returned to the working area. This avoids any loss of heat

Optional filters:

Spark protection:

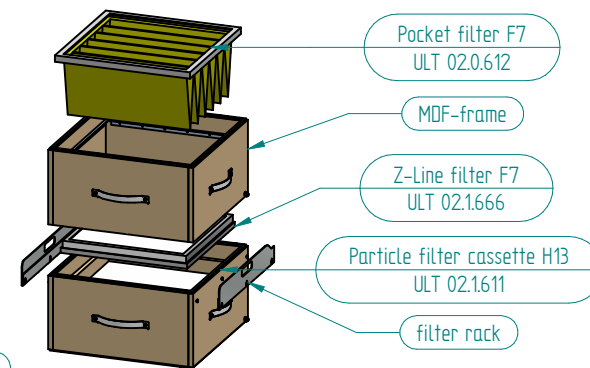
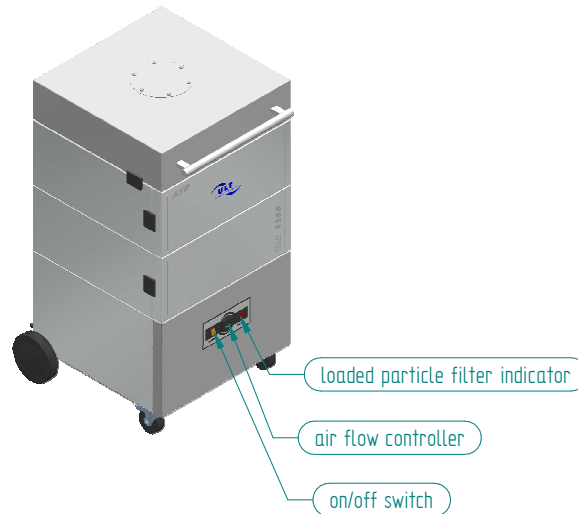
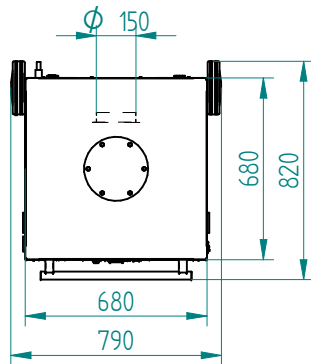
Expanded metal filter ULT 02.0.676





cutaway A-A

Filter set consisting of:



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				ULT AG Am Gopelsteich 1 D-02708 Lobau		designation ASD 1200 MD TH	
				2013	date	name	
				14.02.	edit.	JSACZ	
001	base	14.02.13	JSACZ	edit.	14.02.	JSACZ	
issue	revision	day	name	Norm	vert.	drawing number: ULT 1200_00_107_001	
							scale: 1 : 20