

series 220 ACD 220 Ex



LASER
FUMES



DUST AND
SMOKE



SOLDERING
FUMES



ODORS,
GASES, AND
VAPORS



CLEANING
INDUSTRIAL
GASES



NEW
EMISSIONS



WELDING
FUMES



OIL AND
EMULSION
MISTS



COMPLETE
SOLUTIONS

Date of issue: 12/2016



Extraction. Filtration. Persistence.



Use and application

The **ACD 220 Ex** is suitable for the extraction and filtration of gases, vapours and odours. With its **explosion-proof vacuum generator** according to ATEX Ex II 2G the device has superior safety properties for Ex-protection. All electrical controls and displays are placed in a remote control unit. Therefore no electrical ignition sources are present inside the device. Every filter element is connected to the grounding system of the device in order to prevent electrostatic charges or sparks. Hazardous **fumes and gases** ought to be extracted by collecting elements directly at their place of origin and can be filtered by the ACD 220 Ex. The thick layer of activated charcoal enables a long contact time with the contaminated air flow and guarantees a high deposition rate of unhealthy gases and vapours. The gases and fumes are adsorbed effectively.

Examples

- ➔ sticking, pre-treat
- ➔ varnishing, imprinting
- ➔ cleaning, laminating
- ➔ casting

ULT 220 mobile extraction and filtration unit

- ➔ mobile unit with castors
- ➔ ventilator with explosion-proof construction
- ➔ metal filter cassettes with grounding connectors
- ➔ electrical signals and control elements located in remote control unit
- ➔ easy filter handling, modular system
- ➔ robust steel housing
- ➔ powder coated RAL 7035 light grey

Filter system:

Storage filter system
Filters which are replaced once they are saturated.

Filter technology:

Main filter module A6

- (1) Adsorption filter cassette A6
Filter medium: activated charcoal (6 kg)

Optional secondary filter module

- (2) Adsorption filter cassette A8
Filter medium: activated charcoal (8 kg)

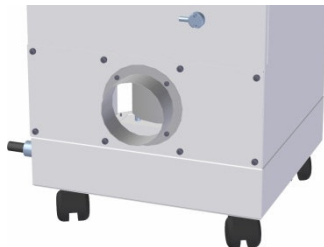


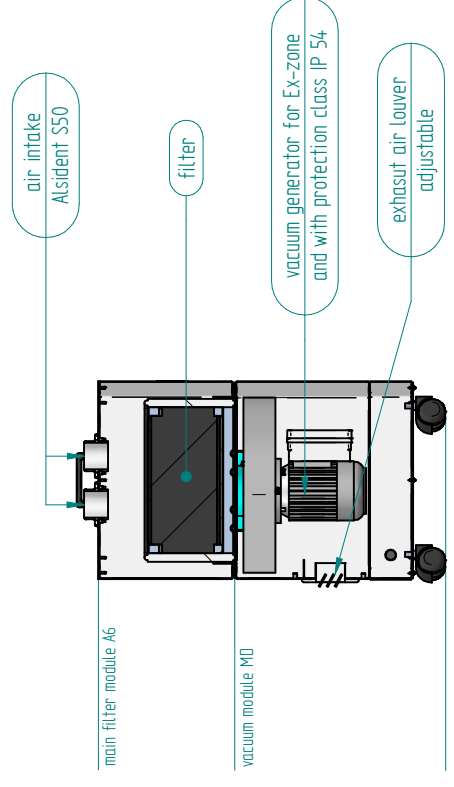
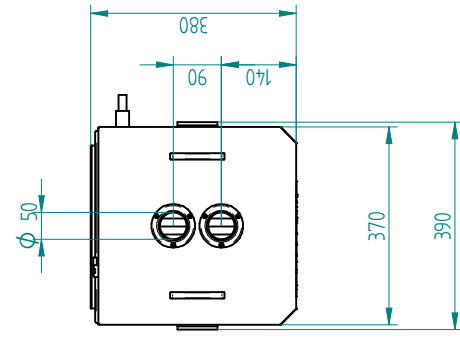
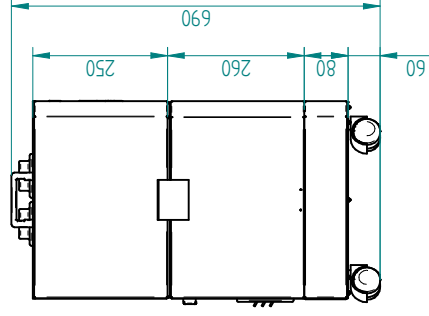
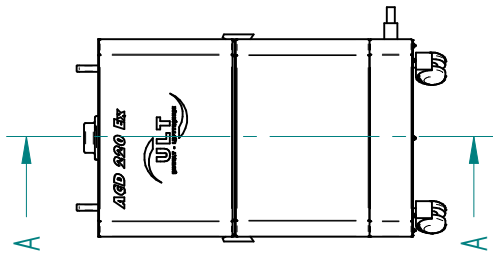


technical Data

Parameter	unit	
Max. air flow	m ³ / hr	420
Max. vacuum	Pa	1.100
Nominal capacity	m ³ /hr / Pa	200 / 900
Motor-nominal power	kW	0,12
Nominal voltage	V	1~ 230
Nominal current	A	1,07
Frequency	Hz	50
Protection class	IP	54
Type blower		Ventilator
Noise level (at 50 - 100%)	dB(A)	50 - 53
ATEX certification vacuum generator		Ex II 2 G c IIB T4
Air intake	Ø	ALSIDENT S50 mm; optional: further Ø; number max. 2x
	position	on top or of the unit
Air outlet		air exhaust louver, optional Ø 100 mm exhaust nozzle
	position	lower part of the backside
Width	mm	390
Depth	mm	380
Height	mm	690
Weight	kgs	ca. 30
Length of power cable	m	3,0
Filter system		filter system: storage filter
		filter set complete consisting of:
	(1)	Adsorption filter cassette A6 ULT 02.1.042
		Optional secondary filter, changed height +260 mm
	(2)	Adsorption filter cassette A8 ULT 02.1.043
Options:		
exhaust air connection	(1*)	1 x Ø 100 mm

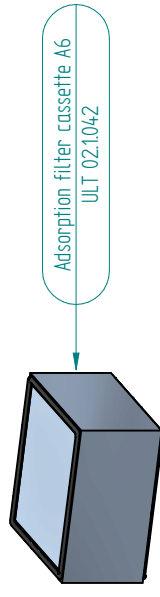
(1*)





cutaway A-A

filter set consisting of:

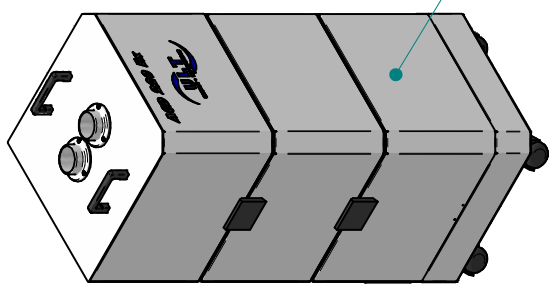
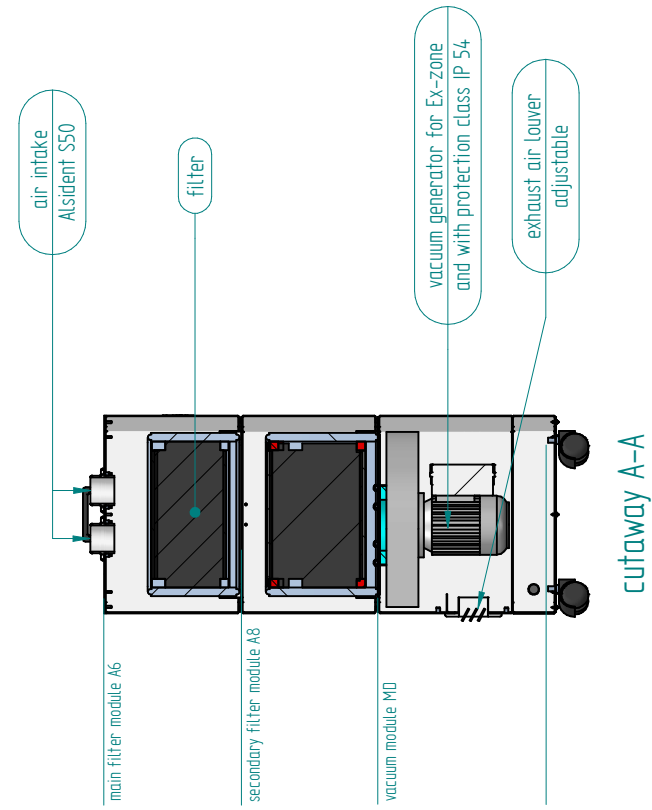
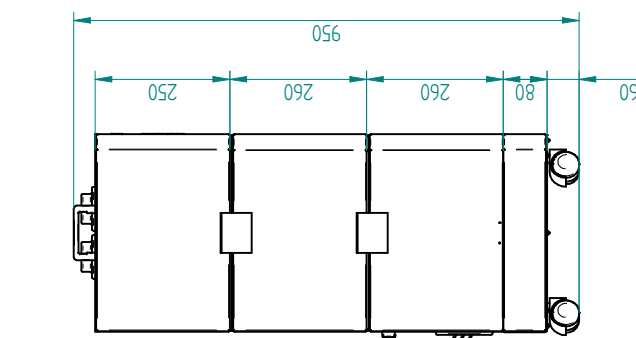
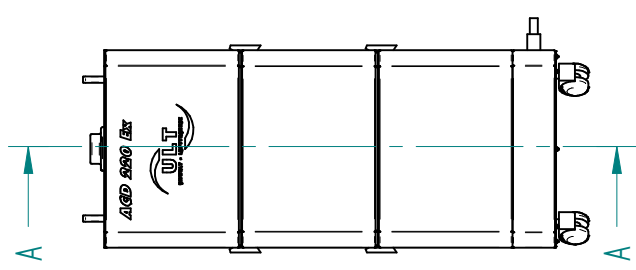


controls and displays are placed in a remote control unit outside the hazardous zone

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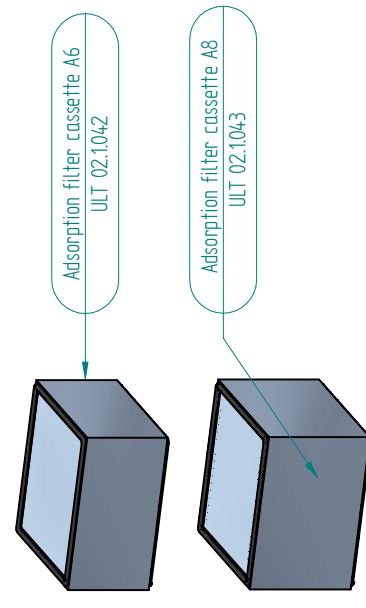
ULT AG		designations		ALD 220 EX 200 m³/h	
Anlage	name	date	name	drawing number	scale
01	25.06.14	14.05.14	14.05.14	ULT 220_00_001	1 : 10
issue	revision	day	name		





controls and displays are placed in a remote control unit outside the hazardous zone

filter set consisting of:



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ULT A6		ULT 220 A EX		200 m³/h	
Anlagebereich 1		Druckbereich 10bar		Skala	
2014	date	name	drawing number	1 : 10	
001	base	25.06.14	JSKZ	edit	06.25
issue	revision	day	name	ULT 220_00_002	
			norm		

