

series 160
ACD 160 MD A6



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: 04/2014





Use and application

The **ACD 160 MD A6** is suitable for the extraction and filtration of **gases, vapors and odors** in non-explosive air mixtures. Hazardous **fumes and gases** ought to be extracted by collecting elements directly at their place of origin and can be filtered by the ACD 160 MD A6. The combination of pre filter and a large amount of activated charcoal guarantees a high deposition rate of unhealthy gases and vapors. The thick layer of activated charcoal enables a long contact time with the contaminated air flow. The gases and fumes are adsorbed effectively.

Examples

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

ULT 160 stationary extraction and filtration unit

- ➔ stationary unit with rubber feet
- ➔ optional mounting of castors for mobile unit
- ➔ replacement filter system
- ➔ control panel on the front side
- ➔ easy filter handling, accessible from the top
- ➔ robust steel housing
- ➔ powder coated RAL 7035 light grey

Filter system:

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

Filter technology:

- (1) Z-Line filter G4
filter class: G4 coarse dust filter according to DIN EN 779
- (2) Adsorption filter cassette A6
Filter medium: activated charcoal (6 kg)



Configuration

Air flow controller: suction power is continuously adjustable
Loaded particle filter indicator: visualization of the particle filter condition



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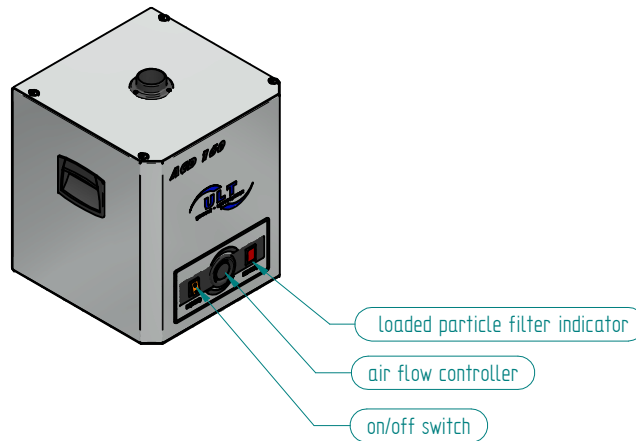
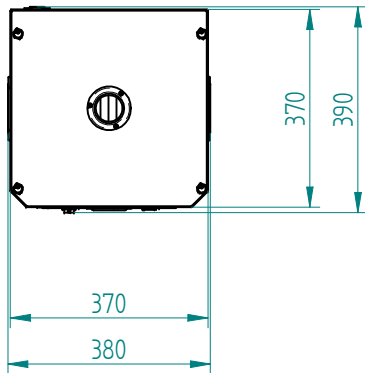
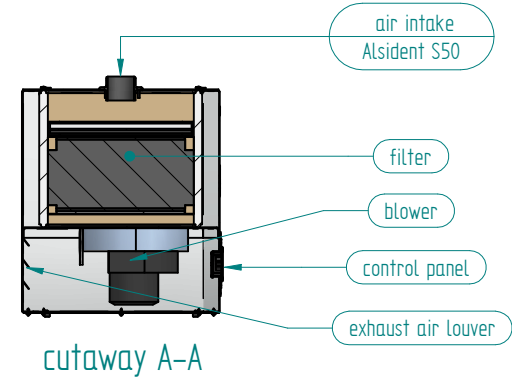
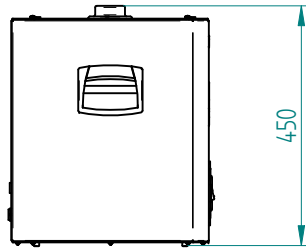
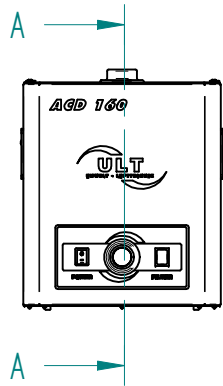
Parameter	unit	-MD.11.10
Max. air flow	m ³ / hr	190
Max. vacuum	Pa	3.200
Nominal capacity	m ³ /hr / Pa	80 / 1.900
Motor-nominal power	kW	0,15
Nominal voltage	V	1~ 230
Nominal current	A	1
Frequency	Hz	50 / 60
Protection class	IP	54
Type blower		EC-blower
Noise level (at 50 - 100%)	dB(A)	45 - 49
Air flow controller		yes
Loaded particle filter indicator	optical	yes
Air intake	Ø	1 x 50 mm; max. 2x
	position	on the top
Air outlet		air exhaust louver
	position	lower part of the backside
Width	mm	390
Depth	mm	380
Height	mm	450
Weight	kgs	ca. 20
Length of power cable	m	3,0
Filter system		filter system: storage filter
		filter set complete
		consisting of: ULT 02.1.500
	(1)	Z-Line filter G4
(2)	Adsorption filter cassette A6	
		ULT 02.0.570
		ULT 02.1.501
Options		
air intake	(1*)	2x Ø 50 mm on top
mobile unit	(2*)	4 castors, without break, new height: 503 mm

(1*)

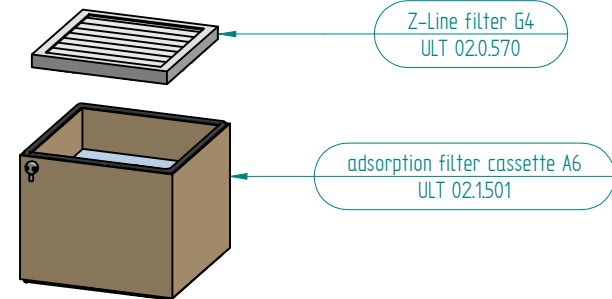


(2*)





filter consisting of:



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				ULT AG Am Gopelreich 1 D-02708 Lobau		designation ACD 160 MD A6 / 80 m³/h VF	
				2013	date	drawing number:	
				10.12.13	day	name	
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				10.12	verf.	scale: 1 : 10	
				Norm			