



Industrial Vacuum Cleaner



Electrical

ESF AK PE ** EX

CE 0158 EX II2 D 125°C RL 94/9/EG **DEKRA**

**Industrial vacuum cleaner for acid and corrosive liquids
Ex-Zone 1 and 2**

Application

Vacuum cleaners are made of acid-resistant material and can be used for the recovery of acid, corrosive liquids and the medium is hazardous to health. The cleaners contains a 5kg activated carbon cartridge made of electrically conductive Polyethylene for the adsorption of gas, vapors, fumes and odors from acid and chloride.

Mobile, powerfull vacuum cleaner which can be used in the chemical-, pharmaceutical- and petrochemical industry as well as any other companies with an explosion protected area.

Special accessories of electrically conductive Polyethylene ensure maximum safety in handling acids.

Due to the short preparation time and easy handling are the units quick serviceable.

The units are designed with a detachable recovery tank on wheels with a capacity 41 liters.

Safe disposal of problematic liquids

Pumping off is the only solution to the safe disposal of dangerous or non dangerous fluids. KRAHNEN supplies a diaphragm pump integrated in the cleaner. In this way, the fluid can be disposed of safely in a "closed loop" system without interruption the cleaning process.



Features / Advantages

- Can be used to recover acid
- Reliable and built-to-last side channel blower
- Available in different power levels
- Mobile units
- Highest safety and technical quality
- Cart stainless steel construction
- Reduced noise level
- Robust yet light weight



Activated Carbon Filter



Safety connection

Accessories	
Type	Part number
Diaphragm pump	see accessories catalogue
Suction hose	see accessories catalogue
Nozzles	see accessories catalogue
Separator	see accessories catalogue

Also available:

- non EX version!
- with a 230 V motor!
- only as a Separator!
- in stainless steel!
- in pneumatically air operated!

Technical features		Type	Liter	Filter	Medium	Part no.	
Engine	Electrical Motor EX	ESF AK PE 1,1 EX	40	AK	acid	2009746	
Power	1,1 / 2,2 / 4,0 kW	ESF AK PE 2,2 EX	40	AK	acid	2009747	
Normal Voltage	400 V / 50 Hz. [IP 55]	ESF AK PE 4,0 EX	40	AK	acid	2009748	
Suction volume max.	145 / 270 / 320 m³/h						
Vacuum max.	170 / 200 / 270 mbar						
Capacity	40 Liter						
Filter area	~ 5.000 cm²						
Hose entry	38/50 mm						
Weight	67 / 75 / 80 kg						
Noise level	67 dB (A)						
Dimensions LxWxH	950x600x1180 mm						
		Supplied with:					Part no.
		Activated-charcoal filter					2005020