

# Ex Vacuum Cleaner

## EGF \*\* EX GD \*\* A AK



Electrically operated industrial vacuum cleaner for gas and dust Ex-zones 1 / 2 / 21 / 22 for the collection of flammable liquids.

### Filter system

1st stage: activated carbon filter (gases, vapors, odors)



### Technical Data

Designation	EGF 2,2 EX GD ** A AK		EGF 4,0 EX GD ** A AK	
Drive	Side channel blower Ex 400 V - 50 Hz		Side channel blower Ex 400 V - 50 Hz	
Ex marking	CE 0035 EX II 1/2 GD c IIB IP65 T (200°C)			
Ex-Zone	1 / 2 / 21 / 22		1 / 2 / 21 / 22	
Container volume [l]	35	50	35	50
Power [kW]	2,2		4,0	
Protection class [IP]	65	65	65	
Suction volume max. [m³/h]	212		454	
Negative pressure max. [mbar]	-225	-225	-270	
Filter	AK		AK	
Main filter area [m²]	-		-	
Suction connection <sup>1</sup> [mm]	DN60		DN60	
Empty weight [kg]	87		105	
Sound pressure level <sup>2</sup> [dB (A)]	ca. 65		ca. 72	
Length [mm]	950		1120	
Wide [mm]	600		600	
Height [mm]	1180		1000	
Article no.	2015870	2013048	2015869	2013056

<sup>1</sup>reducible - <sup>2</sup>measured at 1m distance ±2 dB (A)

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The robust and innovative KRAHNEN industrial vacuum cleaners offer a high level of protection when picking up hazardous dusts a maximum of safety, reliability safety, reliability and quality. The comprehensive services round off our product range.

Power class



### Included:

- Float switch off
- 10m electric cable and Ex-plug
- Stainless steel ball valve
- Electrically conductive rollers and wheels
- Vacuum meter
- Grounding clamp, 2m
- Activated carbon filter

### Caution:

The float switch-off of the suction prevents overfilling of the suction cup.  
The seal of the shut-off must be checked by the user for resistance to the specific application, the seal of the application.  
The suction cup is supplied as standard with EPDM seal as standard.  
Please observe the corresponding instructions

Optional: Automatic emptying of the collection tank by compressed air diaphragm pump.

### Contact:

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## KRAHNEN Quality products

### Your benefits

- Basis ATEX type tested and certified
- Quickly retrofittable due to modular design
- Lowerable stainless steel container on rollers
- Large, electrically conductive rollers
- Completely made of high quality stainless steel
- Filter change quickly and without tools
- Vacuum meter for filter control
- High separation efficiency due to cyclone principle
- Filter housing: electrically conductive polyethylene
- -Different activated carbon fillings available
- Very quick to use in case of malfunctions
- Low wear costs
- Very low acquisition and follow-up costs
- Extensive range of accessories (electrically conductive)

## Details

This device in ignition source-free design is intended for wet application. It is suitable for holding liquids in explosive areas of Ex zones 1 / 2 and 21 / 22 , which are flammable or non-flammable. The device is completely electrically dissipative (antistatic), whereby the dissipation of electrostatics via electrically dissipative wheels to the conductive floor covering. The operator must be aware of the type and properties of the suction medium (material) and the possible risks of increased electrostatics due to the transport of the material.

transport of the material must be known to the operator. When vacuuming problematic substances, the device must be grounded by means of the associated grounding clamp, the unit must also be connected to the company's equipotential bonding system before it is used.

This unit is supplied with an activated carbon filter for adsorption of gases and vapors. Depending on the suction material and the application.

The user can choose between different activated carbon filter cartridges:

**Standard** (main application solvents and fuels, polar and non-polar substances).

**Acid impregnated** (main application for alkalis)

**Basic impregnated** (main application for highly concentrated acids)

Special types for special applications available on request!



Front view



Lowerable Container



Rear view



powerful Tangential input



Tool-free Filter change



Please contact us for suitable accessories and the information brochure activated carbon.

Optional: Resistant suction accessories, air-operated diaphragm pump, drip tray, EVA/ PE / PU suction hose, hose holder, accessories basket.

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Further product-information