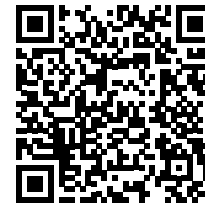


EVOTEC



Built-in Extraction Unit EBG



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**INNOVATIVE
EXTRACTION TECHNOLOGY**



EBG – Built-in Extraction Unit

EVOTEC



- Process-adaptable extraction unit with high negative pressure for extracting all types of dry dust.
- EC motor suitable for continuous operation (24/7) and explosion protection.
- Simple under-table unit with intelligent features.
- Stainless steel version available on request.

Versions:



Compact built-in extraction units with stainless steel dust container ... suitable for almost all applications in industry and trade.

Robust EC blowers are suitable for continuous operation, including three-shift operation.

High-quality cartridge filter for strong filtration performance and long filter service life.

Ideally suited for use:

- On conveying equipment (e.g. granulates, etc.) for vacuum generation and filtration of residual dust.
- Integration into production and manufacturing processes for vacuum generation.
- Use as a quiet under-table unit, e.g. in goldsmiths' workshops, dental laboratories or for engraving.
- Continuous extraction of dust from production or packaging machines.

Can be individually adapted to requirements.

Configure your system individually from these modules:

1. Base plate
2. Dust container
3. Upgrades

Upgrade: Explosion protection ATEX Zone 22

Equipment and components are electrostatically dissipative for safe extraction in Zone 22.

Upgrade: ESD version with ESD powder coating.

Upgrade: Remote ON/OFF via cable (FSK)

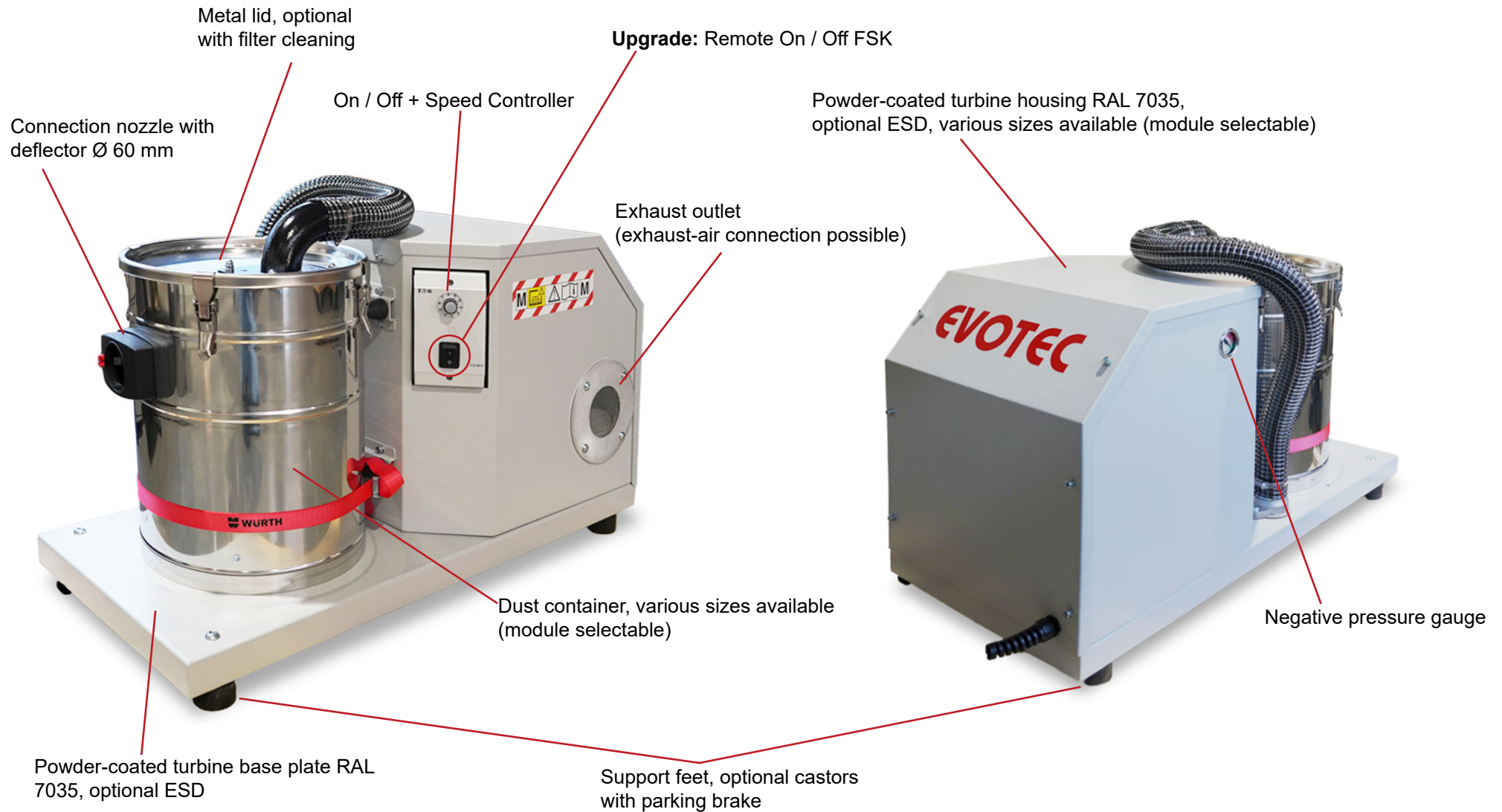
24-volt with power supply unit (potential-free contact), output voltage 24 V DC. The customer-side remote contact is only connected when the switch is in the Remote position.

Model		EBG 1100.1	EBG 1100.2	EBG 1800
1. Base plate with turbine (select) Included Turbine cover and support feet				
Motor power	Watt	1.100	1.100	1.800
Maximum air flow <i>Turbine performance at free outlet</i>	m³/h	380	240	400
Maximum air flow in operating condition *):	m³/h	240	180	320
Maximum negative pressure. <i>at the closed suction nozzle</i>	Pa	10.000	23.000	21.000
Maximum negative pressure in operating condition *).	Pa	9.500	21.000	19.500
Sound pressure level <i>(depending on power setting)</i>	dB(A)	up to 72	up to 70	up to 72
Weight	kg	28	28	30
Dimensions L x W x H <i>(varies according to equipment)</i>	cm	85 x 41 x 65-80	85 x 41 x 65-80	85 x 41 x 65-80
230 volt – (50/60 Hz)	Art. No	151-2022	151-2023	151-2024
400 volt – (50/60 Hz)	Art. No	x	151-2062	151-2063
2nd dust container (add) included Lid and cartridge filter, dust class M, 0.5 m² antistatic (connection nozzle with deflector, 60 mm Ø inlet)				
28 litres, Ø 310 mm	Art. No	054-3390		
38 litres, Ø 310 mm	Art. No	054-3391		
78 litres, Ø 400 mm	Art. No	054-3392		
78 litres compression, Ø 390 mm	Art. No	054-3393		
Upgrades (add)				
Remote ON / OFF FSK	Art. No	054-6936		
Explosion protection ATEX Zone 22	Art. No	054-8055		
ESD version (RAL 7035)	Art. No	054-8057		

*) **Operating data** Including standard filter equipment in factory condition without additional accessories; values depend on hose dimension (diameter, length) and capture at the suction point.

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Accessories and options

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	Automatic cleaning (PPU) Automatic control for atmospheric pulse cleaning of the cartridge filter, suitable for all metal lids 053-3026
	Manual cleaning Valve with manually operated flap for atmospheric pulse cleaning of the cartridge filter, suitable for all metal lids 054-1414
	Compression cloth filter bag Polyester needle felt fleece, reusable, dust class M, height 600 mm, for container Ø 390 <i>Only possible with lid suction opening</i> 054-10148
	Textile fleece filter bag durable, for dust-free disposal (PU = 10 pieces) For dirt containers 28 and 38 liters 115-1022 78 liters 115-1023
	Filter cartridge - Dust class M Filter cartridge filter area 0.5m², dust class M 054-20124
	Filter cartridge – dust class H Fiberglass, plastic base, filter area 0.85 m², dust class H14 054-20193
	Upgrade: Remote ON/OFF via cable (FSK) 24-volt with power supply unit (potential-free contact), output voltage 24 V DC. The customer-side remote contact is only connected when the switch is in the Remote position. FSK 054-6936 M12 interface connector 054-60327
	Swivel castors with parking brakes Make the built-in unit mobile. Size 80 mm diameter, for screwing to the underside of the base plate. Standard 054-40007 ESD 054-40356

Accessories and options

	Suction hose PUR black antistatic volume and surface resistance < 10⁹ ohms per running meter Ø 50 mm 072-10007 End sleeve electrically conductive for PUR suction hose, 1 piece Ø 50 mm 072-10025 