

EVOTEC



EBG Built-in units



INNOVATIVE
EXTRACTION
TECHNOLOGY

EBG – Built-in units



- ★ Process-adapted vacuum device with high negative pressure for vacuuming of dry dust particles
- ★ Brushless motor for permanent operation (24/7) and EX-protection
- ★ Simple under-sink device with smart features
- ★ Version in stainless steel on request

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EBG

Versions:



Compact built-in device with stainless steel container – usable for almost all purposes in industry and trade.

Robust brushless motors are suitable for continuous operation, as well as for 3-shift operation.

High quality cartridge filter for high filter power and high filter lifetime.



Optimal use at:

- At conveyors (e.g. granulate material etc.) to generate vacuum and for the filtration of residual dusts.
- Integration into manufacturing and fabrication processes to generate vacuum.
- As a quiet under table unit, e.g. in goldsmiths, dental laboratories or for engraving.
- Continuous vacuuming of dusts from manufacturing or packaging machines.

Device can be individually adapted according to your requirements, it can be assembled by means of the modular system.





Assemble your system individually from these assemblies:

1. Base plate
2. Dirt container
3. Upgrades

ASSEMBLIES	EBG	EBG	EBG
<p>1. Base plate with turbine (is to be selected from) including motor protection, supporting feet</p>  <p>Engine power</p>	1.100 W	1.100 W	1.800 W
<u>Technical details:</u>			
Max. air volume	380 m³/h	180 m³/h	340 m³/h
Max. negative pressure Max. negative pressure in operating condition approx.*)	10.000 Pa 9.500 Pa	23.000 Pa 21.000 Pa	21.000 Pa 19.500 Pa
Noise level at 40% of power Noise level at 100% of power	60 dB(A) 70 dB(A)	60 dB(A) 70 dB(A)	60 dB(A) 70 dB(A)
Dimensions L x W x H (varies depending on the equipment)	85 x 41 x 65-80 cm	85 x 41 x 65-80 cm	85 x 41 x 65-80 cm
Weight	28 kg	28 kg	30 kg
230 Volt – Item-No.: (50/60 Hz) 400 Volt – Item-No.: (50/60 Hz)	151-2022 -	151-2023 151-2062	151-2024 151-2063
<p>2. Dirt container (to be added) including Lid and cartridge filter Vacuum lid Ø 50 mm (Vacuuming through lid via pipe bend)</p>  <p>28 Litres, Ø 310 mm 38 Litres, Ø 310 mm 78 Litres, Ø 400 mm 78 Litres compression, Ø 390 mm</p>		<p>054-30133 (28 Litres) 054-30134 (38 Litres) 054-30135 (78 Litres) 054-3393 (78 Litres compression)</p>	
<p>UPGRADES (optional)</p> <p>EX-Schutz ATEX Zone 22 ESD-Ausführung (RAL 7035)</p>		<p>054-8042 (EX Zone 22) 054-8044 (ESD-version)</p>	

*) **Operating data** including standard filter equipment in operating condition without further options.

Options and accessories for EBG

Filter options for EBG	
	<p>Automatic dedusting (PPU) Automatic control for the atmospheric pulse dedusting of the cartridge filter, suitable for all metal lids.</p> <p style="text-align: right;">053-3026</p>
	<p>Manual cleaning Valve with manually operated flap for atmospheric pulse cleaning of the cartridge filter, suitable for all metal lids</p> <p style="text-align: right;">054-1414</p>
	<p>Textile fleece filter bags hard wearing, for dust free disposal (pack = 10 pieces)</p> <p>For dirt container 28 und 38 literes 115-1022 78 literes 115-1023</p> <p><i>Please note:</i> If the use of textile filter bags is desired, the option connection piece is required.</p>
	<p>Connection piece Ø 60 mm With deflector for dirt container. Allows the use of fleece filter bags. When selecting the vacuum hose, pay attention to the suitable container sleeve.</p> <p style="text-align: right;">054-3394</p>

Options and accessories for EBG	
	<p>Cartridge filter dust class M For replacement, filter surface 0,5 m², dust class M 054-20124</p> <p>Cartridge filter dust class H Glass fibre, filter area 0,85m², dust class H14 054-20193</p>
	<p>Cloth filter bag for compression polyester fleece, dust class M, disposal of compressed material for containers Ø 390, length 750 mm, reusable 054-20148</p>
	<p>Remote ON/OFF via cable (FSC) 24 volts with power supply unit (potential free contact), output voltage 24 volts AC with interconnection point, motor protection relay, switch. When the switch is in the remote position, the customers remote contact is integrated. FSC = 054-6936 Control cable with plug M16 = 072-0621</p>
	<p>Castors render the built-in unit mobile. Size 80 Ø mm, to screw on under the base plate</p> <p>Standard 054-40006 with parking brake 054-40007</p>
	<p>Vacuum hose PUR black antistatic Contact and surface resistance < 10⁹ Ohm linear meter Ø 50 mm 072-10007</p>
	<p>End sleeve electrically conductive for PUR-hose, 1 piece Ø 50 mm 072-10025</p>

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