EVOTEC



EP 2122 ECO EP 2130 ECO



INNOVATIVE EXTRACTION TECHNOLOGY





<u>Dry vacuum – 400 Volt</u>







- ★ Parts in contact with the product made of V2A stainless steel (1.4301)
- ★ Side channel blowers for continuous operation and EX protection
- ★ Fully equipped for safety
- ★ Strong vacuum power
- ★ Convenient dirt container lowering



Versions:











Dry vacuum - 400 Volt





Robust industrial vacuum cleaners for vacuuming all dry dusts - from coarse dirt to micro particles (µm)

High quality standards - Welldesigned, soundproofed and maintenance-free turbine (side channel blower) as vacuum generator. Suitable for 3-shift operation.

Cyclone separator for better pre-separation of fine dusts and coarse material.

Effective, easy-to-use filter cleaning for long working intervals without interruption.

Vacuum gauge for filter monitoring.

1st Filter stage:

Dust class M Resistant polyester needle felt filter with **PUR membrane**, high filtering power for long service life.

2nd Filter stage: Dust class H

Absolute cartridge filter (H14).

Patented tool-free and low-contamination filter change.

Rotation direction phase monitor and vacuum limiting valve for trouble-free use of the unit.

Quick coupling with lock and turning device for safe connection of the hose.

Length connection cable: 8 m

Model		EP 2122 ECO	EP 2130 ECO
Voltage	Volt	400	
Engine power	Watt	2.200	3.000
Max. air volume	m³/h	33	0
Negative pressure	mbar	240 / 300 max.	260 / 340 max.
Filter area " M " Filter area " H " (H14)	m² m²	2,2 + 2	
Dirt container	ltr.	60)
Protection class		IP 5	55
Noise level	dB(A)	70)
Vacuum connection	Ø mm	80)
Dimensions LxWxH	cm	83 x 68 x 165	
Weight	kg	95	100
Dust class M	Item-No.	251-1020	251-1030
Dust class M/Typ22 🔯	Item-No.	251-1021	251-1031
Dust class H	Item-No.	251-1022	251-1032
Dust class H/Typ22	Item-No.	251-1023	251-1033

Scope of delivery includes:

3,5 m hose Ø 50 mm and scoring nozzle







Accessories and options EVOTEC vacuum cleaners



Pocket and cartridge filters

(When subsequently changing from 2.2 m² to 3.2 m², the filter basket must also be replaced)



Dust class M

robust polyester needle felt with PTFE membrane Non-stick property - for sticky or adhesive dusts Heat resistant short term (30 min.) up to 200 °Continuous up to 150 °C

2,20 m², Ø 500 mm	=	054-20116
3,20 m ² , Ø 500 mm	(Img.) =	054-20117
5,20 m², Ø 500 mm	=	054-20118



Dust class M

Polyester needle felt with antistatic PUR membrane

Antistatic - for the extraction of dusts that can become statically charged (installed as standard in EVOTEC units)

$2,20 \text{ m}^2, \emptyset 500 \text{ mm (lmg.)} =$	054-20128
3,20 m², Ø 500 mm =	054-20129
5,20 m², Ø 500 mm =	054-20130



Dust class H (H14)

Absolute cartridge filter for all EVOTEC models Support grille on both sides,

Replacement filter for repurchasing

 2.0 m^2 , Ø 500 mm = 054-20027

 $4,3 \text{ m}^2, \emptyset 500 \text{ mm} =$ 054-20033

Disposal



Plastic waste disposal bags, antistatic ESD

PU = 10 pieces

for the dust-free disposal of dust of the dust classes M and H.

Extremely stable and "nail-test"-tested. Perfect fit due to round base design - by-pass not necessary! Suitable for:

60-I-Container = 235-1021

Practical accessory sets



Machine cleaning Set

optimal for cleaning of production machines, completely antistatic

Consisting of mass nozzle, inclined pipe rubber nozzle, pointed rubber nozzle

Ø 40 mm **052-1081** Ø 50 mm **052-1071**







Industrial floor cleaning set

for the cleaning of all floors, completely antistatic





Consisting of multi-part hand tube, metal roller nozzle with brush strips and replacement rubber strips

Ø 40 mm, working width 370 mm	052-1031
Ø 40 mm, working width 450 mm	052-1036
Ø 50 mm, working width 370 mm	052-1041
Ø 50 mm, working width 450 mm	052-1051
Ø 50 mm, working width 500 mm	052-1061

Height cleaning set

For cleaning at height, e.g. of supply pipes

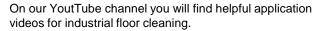
consisting of 4 hand tubes Ø 40 mm, each 500 mm long (052-1100 including connector from Ø 40 to Ø 50 mm),

pipe elbow nozzles 100 mm and 200 mm, and a wall and floor nozzle

Ø 40 mm **052-1090** Ø 50 mm **052-1100**









(All Ø specifications refer to the hose inner diameter)





Hose material Polypropylene (PP), antistatic, with matching connection sleeves. Best suitable material for industrial use.



PP-Hose antistatic, complete with fittings

 $3.5 \text{ m long } \emptyset 40 \text{ mm} =$ 052-0151 $3.5 \text{ m long } \emptyset 50 \text{ mm} =$ 052-0248 5 m long Ø 40 mm = 052-0152 $5 \text{ m long} \quad \emptyset 50 \text{ mm} =$ 052-0249



Linear Meter, antistatic

(for extension or self-assembly)

 \emptyset 40 mm = 052-0130 052-0230 \emptyset 50 mm =



Hose sleeve (vacuum side) for PP-Hose antistatic

052-0140 \emptyset 40 mm = Ø 50 mm = 052-0240



Hose sleeve (boiler side) for PP- Hose antistatic Including retaining ring

 \emptyset 80 - 40 mm = 052-0159 \emptyset 80 - 50 mm = 052-0256

Superflex hoses and • components

Hose material made of polypropylene (PP), thread-reinforced and spiral-supported Particularly light and flexible even over longer distances. Best suitable material for industrial use. Conductive = conductive when the spiral is grounded



Superflex-Hose, conductive, complete with sleeves

3.5 m Ø 40 mm = 052-0153 3,5 m Ø 50 mm = 052-0250 5 m Ø 40 mm = 052-0154 $5 \text{ m } \emptyset 50 \text{ mm} =$ 052-0251



Linear Meter, conductive

(for extension or self-assembly)

Ø 40 mm = 052-0133 Ø 50 mm = 052-0233 \emptyset 60 mm = 054-90037



Hose sleeve (vacuum side) for Superflex- Hose antistatic

 \emptyset 40 mm = 052-0139 Ø 50 mm = 052-0239



Hose sleeve (boiler side) including retaining ring

for Superflex-Hose antistatic

 \emptyset 80 - 40 mm = 052-0158 \emptyset 80 - 50 mm = 052-0255

(All Ø specifications refer to the hose inner diameter)



PUR-hoses and **(E)** - components

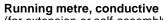
Hose material: polyurethane (PUR). Reinforced by integrated steel spiral. Oil resistant, very stable and suitable for abrasive dusts. Heat resistant to 125°C. Highly suitable material for extreme industrial use.

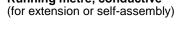
Conductive = Conductive when the spiral is grounded



PUR- hose, conductive, complete with sleeves

3,5 m long Ø 40 mm = 052-0155 3,5 m long Ø 50 mm = 052-0252 5 m long Ø 40 mm = 052-0156 5 m long Ø 50 mm = 052-0253







Ø 40 mm =	052-0136
Ø 50 mm =	052-0236
Ø 70 mm =	052-0309

reinforced version:

Ø 40 mm = 052-0157 Ø 50 mm = 052-0254 Ø 70 mm = 052-0310



Hose sleeve (vacuum side) for PUR-Hose antistatic

Ø 40 mm = 052-0141 Ø 50 mm = 052-0241 Ø 70 mm = 052-0311



Hose sleeve (boiler side) for PUR-Hose antistatic Including retaining ring

Ø 80 - 40 mm = **052-0160** Ø 80 - 50 mm = **052-0257**

Hose material: polyurethane (PUR) or polypropylene (Superflex). Both spiral supported, Superflex additionally thread-reinforced. Ideally suited material for industrial use in potentially explosive areas.

Completely electrically conductive 10³ to 10⁴ Ω



ESD-Superflex-hose

Completely electrically conductive $10^4\,\Omega$ light and flexible, spiral-supported and thread-reinforced

Ø 40 mm = **052-0200** Ø 50 mm = **052-0287**



ESD-PUR-hose

Completely electrically conductive 10³ Ωrobust and spiral supported

Ø 40 mm = **052-0196** Ø 50 mm = **052-0281**



Hose sleeve (vacuum side)

for ESD-Superflex-Hose antistatic

Ø 40 mm = **052-0139** Ø 50 mm = **052-0239**

for **ESD-PUR-Hose** antistatic

Ø 40 mm = **052-0141** Ø 50 mm = **052-0241**



Hose sleeve (boiler side) Including retaining ring

for **ESD-Superflex-Hose** antistatic

Ø 80 - 40 mm = **052-0158** Ø 80 - 50 mm = **052-0255**

for ESD-PUR-Hose antistatic

Ø 80 - 40 mm **052-0160** Ø 80 - 50 mm **052-0257**

Notes



<u>Notes</u>



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EVO-PRODUCTS Blankenburg GmbH – Dieselstraße 3 – 53424 Remagen

Tel.: +49 (0)2642 9373-0 Fax: +49 (0)2642 9373-14 www.evo-products.de – info@evo-products.de