

EVOTEC



EP 2122 ECO

EP 2130 ECO



INNOVATIVE
EXTRACTION
TECHNOLOGY



Dry vacuum – 400 Volt



- ★ 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

EVOTEC

EP 2122 ECO
EP 2130 ECO

Versions:



Dry vacuum – 400 Volt

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

High quality standards - Well-designed, 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	330	
Negative pressure	mbar	240 / 300 max.	260 / 340 max.
Filter area „M“	m²	2,2	
Filter area „H“ (H14)	m²	+ 2,0	
Dirt container	ltr.	60	
Protection class		IP 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 m ² to 3.2 m ² , the filter basket must also be replaced)	
	<p>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 °C Continuous up to 150 °C</p> <p>2,20 m², Ø 500 mm = 054-20116 3,20 m², Ø 500 mm (Img.) = 054-20117 5,20 m², Ø 500 mm = 054-20118</p>
	<p>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)</p> <p>2,20 m², Ø 500 mm (Img.) = 054-20128 3,20 m², Ø 500 mm = 054-20129 5,20 m², Ø 500 mm = 054-20130</p>
	<p>Dust class H (H14) Absolute cartridge filter for all EVOTEC models Support grille on both sides, Replacement filter for repurchasing</p> <p>2,0 m², Ø 500 mm = 054-20027 4,3 m², Ø 500 mm = 054-20033</p>

Disposal	
	<p>Plastic waste disposal bags, antistatic ESD  PU = 10 pieces</p> <p>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:</p> <p>60-l-Container = 235-1021</p>

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**



YouTube



On our YouTube channel you will find helpful application videos for industrial floor cleaning.

(All Ø specifications refer to the hose inner diameter)

PP-Hoses and - components

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

	<p>PP-Hose antistatic, complete with fittings</p> <p>3,5 m long Ø 40 mm = 052-0151 3,5 m long Ø 50 mm = 052-0248 5 m long Ø 40 mm = 052-0152 5 m long Ø 50 mm = 052-0249</p>
	<p>Linear Meter, antistatic (for extension or self-assembly)</p> <p>Ø 40 mm = 052-0130 Ø 50 mm = 052-0230</p>
	<p>Hose sleeve (vacuum side) for PP-Hose antistatic</p> <p>Ø 40 mm = 052-0140 Ø 50 mm = 052-0240</p>
	<p>Hose sleeve (boiler side) for PP-Hose antistatic Including retaining ring</p> <p>Ø 80 - 40 mm = 052-0159 Ø 80 - 50 mm = 052-0256</p>

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

	<p>Superflex-Hose, conductive, complete with sleeves</p> <p>3,5 m Ø 40 mm = 052-0153 3,5 m Ø 50 mm = 052-0250 5 m Ø 40 mm = 052-0154 5 m Ø 50 mm = 052-0251</p>
	<p>Linear Meter, conductive (for extension or self-assembly)</p> <p>Ø 40 mm = 052-0133 Ø 50 mm = 052-0233 Ø 60 mm = 054-90037</p>
	<p>Hose sleeve (vacuum side) for Superflex-Hose antistatic</p> <p>Ø 40 mm = 052-0139 Ø 50 mm = 052-0239</p>
	<p>Hose sleeve (boiler side) including retaining ring for Superflex-Hose antistatic</p> <p>Ø 80 - 40 mm = 052-0158 Ø 80 - 50 mm = 052-0255</p>

(All Ø specifications refer to the hose inner diameter)

PUR-hoses and - 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

	<p>PUR-hose, conductive, complete with sleeves</p> <p>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</p> <p>Running metre, conductive (for extension or self-assembly)</p>
	<p>Ø 40 mm = 052-0136 Ø 50 mm = 052-0236 Ø 70 mm = 052-0309</p> <p>reinforced version:</p> <p>Ø 40 mm = 052-0157 Ø 50 mm = 052-0254 Ø 70 mm = 052-0310</p>
	<p>Hose sleeve (vacuum side) for PUR-Hose antistatic</p> <p>Ø 40 mm = 052-0141 Ø 50 mm = 052-0241 Ø 70 mm = 052-0311</p>
	<p>Hose sleeve (boiler side) for PUR-Hose antistatic Including retaining ring</p> <p>Ø 80 - 40 mm = 052-0160 Ø 80 - 50 mm = 052-0257</p>

ESD-hoses and - components

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

	<p>ESD-Superflex-hose</p> <p>Completely electrically conductive 10⁴ Ω light and flexible, spiral-supported and thread-reinforced</p> <p>Ø 40 mm = 052-0200 Ø 50 mm = 052-0287</p>
	<p>ESD-PUR-hose</p> <p>Completely electrically conductive 10³ Ω robust and spiral supported</p> <p>Ø 40 mm = 052-0196 Ø 50 mm = 052-0281</p>
	<p>Hose sleeve (vacuum side)</p> <p>for ESD-Superflex-Hose antistatic</p> <p>Ø 40 mm = 052-0139 Ø 50 mm = 052-0239</p> <p>for ESD-PUR-Hose antistatic</p> <p>Ø 40 mm = 052-0141 Ø 50 mm = 052-0241</p>
	<p>Hose sleeve (boiler side) Including retaining ring</p> <p>for ESD-Superflex-Hose antistatic</p> <p>Ø 80 - 40 mm = 052-0158 Ø 80 - 50 mm = 052-0255</p> <p>for ESD-PUR-Hose antistatic</p> <p>Ø 80 - 40 mm = 052-0160 Ø 80 - 50 mm = 052-0257</p>

Notes

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