

EVOTEC



Industrial Vacuum Cleaner ECO Dust Pro



**INNOVATIVE
EXTRACTION TECHNOLOGY**



ECODustPro – Dry vacuum – 230 Volt

EVOTEC



- ★ Compact design, large fixed castors suitable for use on stairs
- ★ Convenient dirt container lowering
- ★ ECODESTPRO 12 LP:
TRGS 519 certificated for **Asbestos** works
- ★ ECODESTPRO 15: Side channel blower for **continuous operation**
- ★ Available as water bath vacuum cleaner: Inert safety vacuum cleaner for vacuuming reactive metal dusts
- ★ Disposal options: Different container sizes 25, 35, 50 litres or with Longopac endless bag
- ★ Filter cleaning manually or via atmospheric pressure cleaning

Image shows optional gate valve

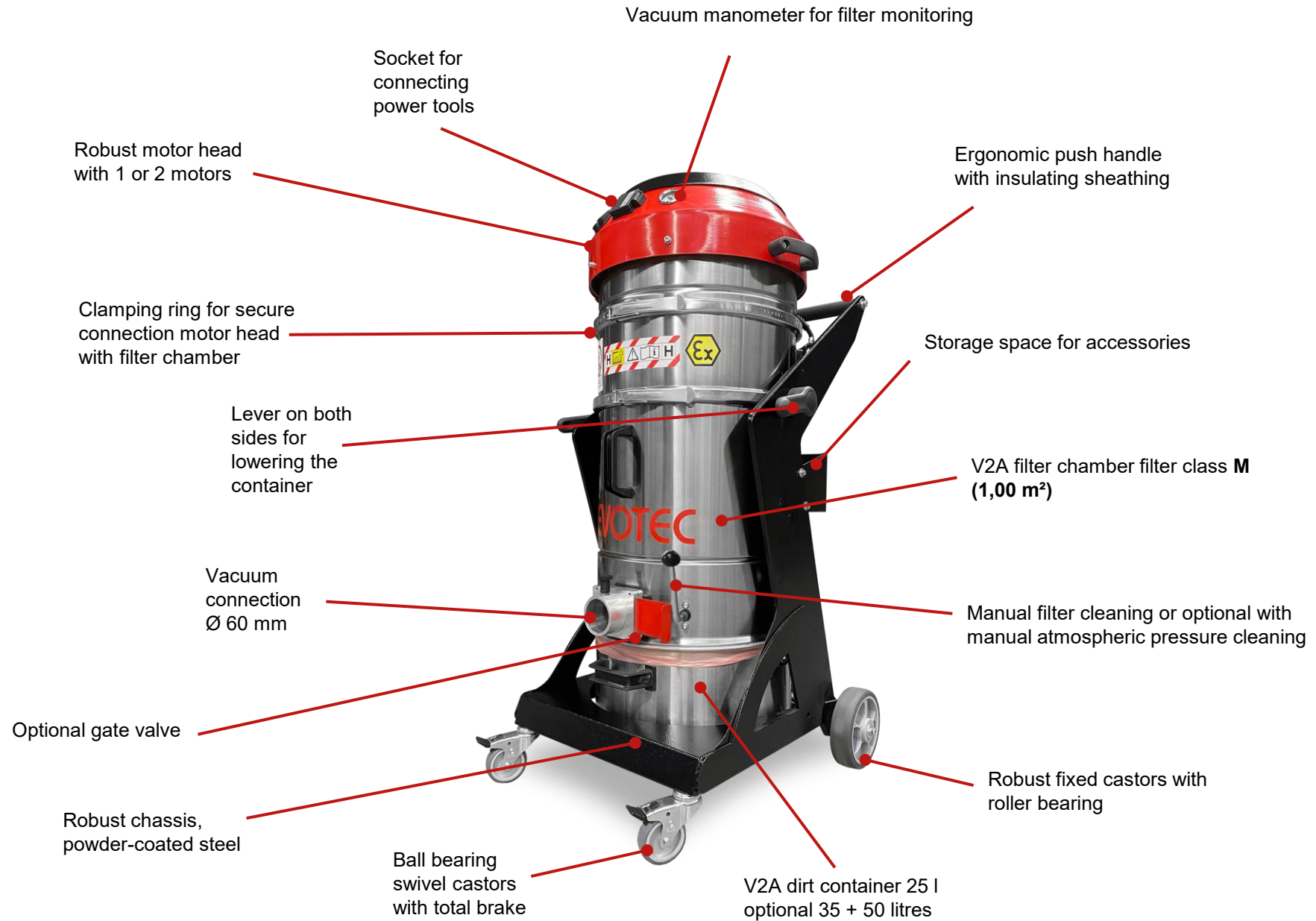
ECODESTPRO 12
ECODESTPRO 15
ECODESTPRO 15WB
ECODESTPRO 24

Versions:



ECODustPro 12/24

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ECODustPro 15

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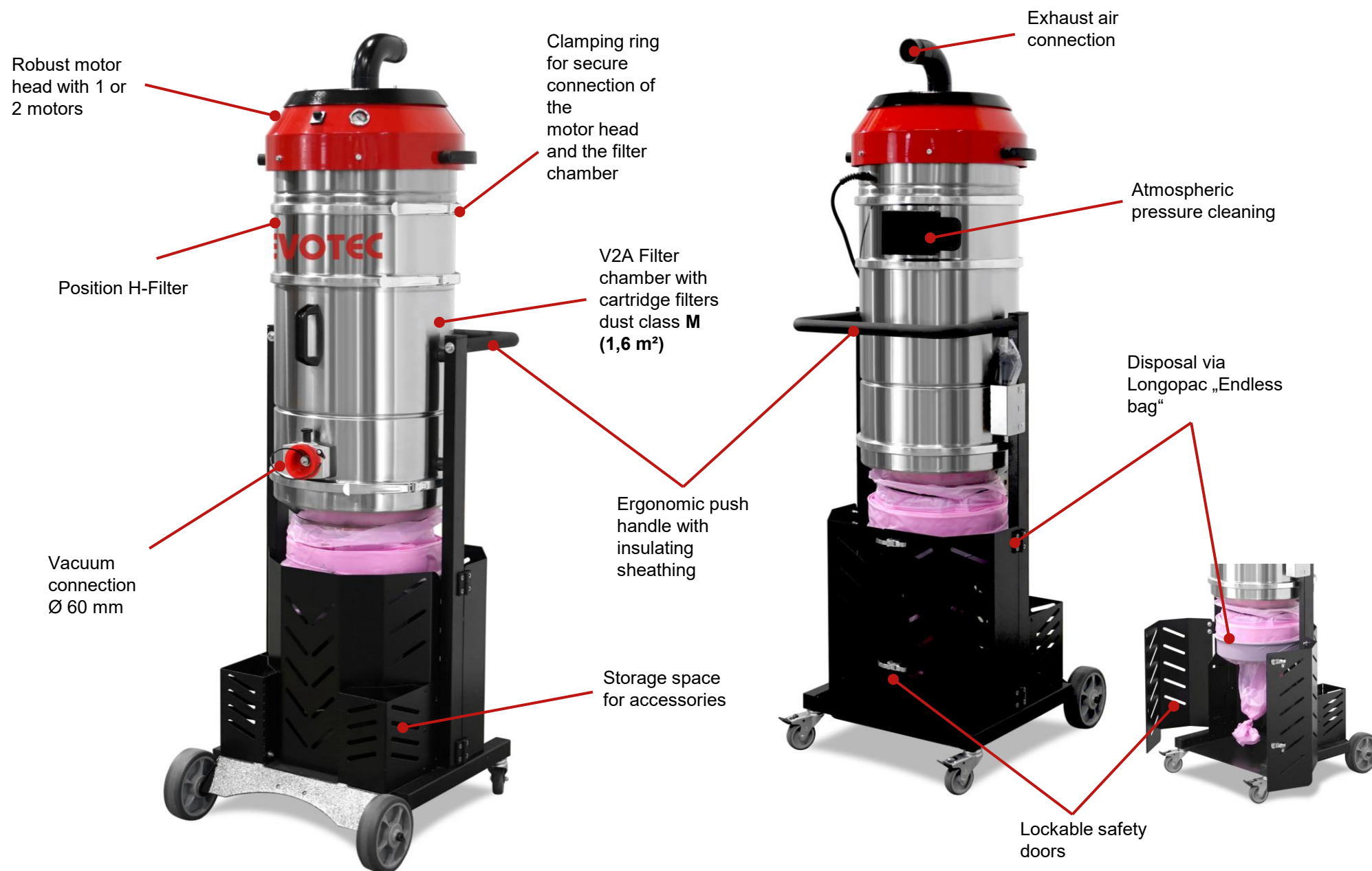
Upgrade:
ECODustPro 15
Clean room version
with enclosed motor
head



ECODustPro 12/24 LP Asbestos

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For the safe extraction of asbestos according to TRGS 519



Powerful industrial vacuums for vacuuming all dry dusts - from coarse dirt to microparticles (µm)

High quality standards – Well-designed by-pass units, silenced turbo fan or side channel compressor.

Robust, smooth-running chassis for high mobility. Compact, modular design with high-quality stainless steel dirt container **(V2A)**. Side channel compressor suitable for endurance running 24/7

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

1st filter stage: Dust class M
Resistant polyester needle felt filter with PUR membrane, high filtering power for long service life.

Upgrade: cartridge filter system
Electrically conductive filter cartridges with manual atmospheric pressure cleaning. (1,0 m² or 1,6 m²)

2nd filter stage: Dust class H
Absolute cartridge filter (H14).

Effective, easy-to-use filter cleaning, manually or via atmospheric pressure, for high filtering power and long working intervals without interruption.

Vacuum manometer for filter monitoring. Tool-free filter change - easy and clean for employees/maintenance service.

Wide range of disposal options:
Dirt container 25/35/50 litres or via Longopac endless-bag.

ECODustPro 12 and 24
ASBESTOS-Version.
GS-certificated according to **TRGS519** for the extraction of carcinogenic asbestos dusts.

ECODustPro 15 **Clean-room-Upgrade:** With enclosed motor head.

Scope of delivery includes: 3,5 m vacuum hose Ø 40 mm and scoring nozzle. Length of connection cable 8 m.

Model		ECODustPro 12	ECODustPro 15	ECODustPro 24
Voltage	Volt	230		
Engine power	Watt	1.200	1.500	2.400
Max. Air flow	m³/h	165	220	330
Endurance running		no	yes	no
Negative pressure	mbar	210	200 / 240 max.	210
Filter area Filter area	m² m²	M: 1,00 H14: + 1,7	M: 1,00 H14: + 1,7	M: 1,00 H14: + 1,7
Dirt container	ltr.	25	25	25
Protection class	mm	IP X4	IP 55	IP 33
Noise level	dB(A)	74	72	78
Vacuum connection	Ø mm	60	60	60
Dimensions LxWxH	cm	48 x 60 x 105	48 x 60 x 138	48 x 60 x 105
Weight	kg	25	49	25
Dust class M	I.-Nr.	151-3090	151-3093	151-3097
Dust c. M/Type22 	I.-Nr.	--	151-3094	--
Dust class H	I.-Nr.	151-3091	151-3095	151-3098
Dust class H/Asbestos	I.-Nr.	151-3092	--	151-3100
Dust c. H/Type22 	I.-Nr.	--	151-3096	--
Upgrades:				
Dirt container 35 l Dirt container 50 l	I.-Nr.	053-4040		
	I.-Nr.	053-4041		
Longopac	I.-Nr.	053-4044		
Clean room version	I.-Nr.	054-1171		
Upgrade cartridge filters	Filter area I.-Nr.	2 x 0,5 m² 053-3002	2 x 0,8 m² 053-3001	2 x 0,8 m² 053-3001

Accessories for ECODustPro 12/15/24

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Filter dust class M



Pocket filters:

Dust class M

Polyester needle felt with **PUR membrane**,
filter area 1,0 m², Ø 400 mm

Non-stick property – for sticky or adhesive dusts. Also
for the extraction of fine dusts with abrasive nature (e.g.
glass fibre)

Standard = **054-20156**

Antistatic = **054-20223**



Upgrade cartridge filter system atmospheric pressure cleaning

Consisting of atmospheric pressure cleaning and
matching cartridge filters 1.0 m²/1.6 m² filter area.

**Attention: Must be ordered with the device. Can not
be refitted.**

For ECODustPro 12 (Filter area 1,0 m²) = 053-3002

For ECODustPro 15/24 (Filter area 1,6 m²) = 053-3001



Cartridge filters:

Dust class M

*For repurchasing when used with upgrade cartridge filter
system.* Polyester fleece, aluminium coated, electrically
conductive. 2 pieces are required.

Filter area 0,5 m², length 250 mm (1 piece)= **054-20124**

Filter area 0,8 m², length 400 mm (1 piece)= **054-20199**

Filter dust class H



Dust class H (H14)

Absolute cartridge filters for all EVOTEC models
Support grille on both sides

Replacement filter for repurchasing:
1,7 m², Ø 400 mm = **054-20018**

Disposal options ECODustPro 12/15/24



Disposal options



Plastic disposal bag, antistatic ESD
Selling unit = 10 pieces
for dust-free disposal of dust classes M and H. Extremely stable and "nail test" proven. Perfect fit due to round bottom design - By-Pass not necessary! Suitable for:



25/35-l-container (ESD, pink) = **235-1011**

Plastic disposal bag black, electrically conductive
Selling unit = 10 pieces
Suitable for 50-l-container = **235-1040**



Longopac - bags
„Endless“-bags for easy and dust-free disposal of the material. 20 metre foil hose with cable ties for sealing.

Selling unit = 4 units á 20 meters

Strong ESD quality
Thickness: 68 mic. **235-1050**
Strong quality (non ESD)
Thickness: 68 mic. **235-1060**



*Optionally with **horizontal clamps** (prevents the bag from floating up)*
Item No.: **054-70358**

Protective doors for Longopac versions



Lockable safety doors

ECODustPro asbestos vacuum cleaners are fitted with safety doors as standard.

For Longopac versions without asbestos upgrade:
Recommended when vacuuming fine and/or hazardous media. Prevent accidental damage to the Longopac bag, which is filled with hazardous dust.

Attention: Must be ordered with the device. Can not be refitted.

Item No.: **054-5121**

Practical accessory sets

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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**



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**



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**



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

YouTube



(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.



PP-Hose
antistatic, complete with fittings
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**



Linear Meter, antistatic
(for extension or self-assembly)
Ø 40 mm = **052-0130**
Ø 50 mm = **052-0230**



Hose sleeve (vacuum side)
for PP-Hose antistatic
Ø 40 mm = **052-0140**
Ø 50 mm = **052-0240**



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

Only for ECODustPro
Ø 60 - 40 mm **052-0145**
Ø 60 - 50 mm **052-0244**

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 m Ø 50 mm = **052-0251**



Linear Meter, conductive
(for extension or self-assembly)
Ø 40 mm = **052-0133**
Ø 50 mm = **052-0233**
Ø 60 mm = **054-90037**



Hose sleeve (vacuum side)
for Superflex-Hose antistatic
Ø 40 mm = **052-0139**
Ø 50 mm = **052-0239**



Hose sleeve (boiler side)
including retaining ring
for Superflex-Hose antistatic

Only for ECODustPro
Ø 60 - 40 mm **052-0144**
Ø 60 - 50 mm **052-0243**

(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



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**

Running metre, conductive
 (for extension or self-assembly)



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

Only for ECODustPro
 Ø 60 - 40 mm **052-0146**
 Ø 60 - 50 mm **052-0245**

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.



ESD-Superflex-hose

Completely electrically conductive 10⁴ Ω 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 Ω robust 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 Only for ECODustPro

for **ESD-Superflex-Hose** antistatic
 Ø 60 - 40 mm = **052-0144**
 Ø 60 - 50 mm = **052-0243**

for **ESD-PUR-Hose** antistatic
 Ø 60 - 40 mm **052-0146**
 Ø 60 - 50 mm **052-0245**

Vacuum arms

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Vacuum arms, RG2



Extraction arms enable **spot extraction** directly at the point of origin.
Easy to handle and position due to **self-supporting construction** with three stable joints.

Standard available in types

Aluminium with polypropylene joints (white)

ESD available in types

for ESD areas (electrostatic discharge, certified according to IEC 61340-5-1).

Ideal for use in laboratories, electronics manufacturing, pharmaceutical industry, etc.

- + Energy saving
- + Low noise
- + Low pressure loss

Picture on vacuum cleaner:

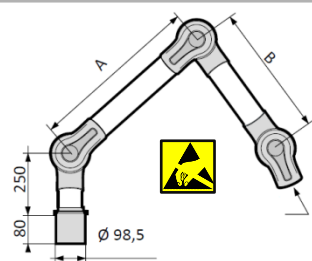
ESD/ATEX version

Ø 75 mm - Range 1,300 mm

incl. option: hood tube and flat hood

incl. option: console

Further available types and sizes on request !!



Vacuum arm ESD

Including holder for panel feed-through
Ø 50 mm

Range 1.300 mm **072-0400-ESD**

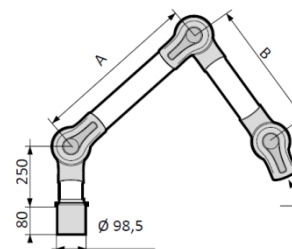
Range 1.500 mm **072-0401-ESD**

Ø 75 mm

Range 1.300 mm **072-0402-ESD**

Range 1.500 mm **072-0403-ESD**

Vacuum arms, RG2



Vacuum arm standard

Including holder for panel feed-through

Ø 50 mm

Range 1.300 mm

072-0400

Range 1.500 mm

072-0401

Ø 75 mm

Range 1.300 mm

072-0402

Range 1.500 mm

072-0403



Universal console

Bracket/console for the extraction arm on EVOTEC industrial vacuum cleaners.

Ø 50 mm

053-3051

Ø 75 mm

053-3061



Flat hood 300 x 200 mm

Especially suitable for gases and vapours. High extraction efficiency when positioned vertically to the table surface, including hood tube

Standard Ø 50 mm

072-0414

ESD Ø 50 mm

072-0414-ESD

Standard Ø 75 mm

072-0415

ESD Ø 75 mm

072-0415-ESD



Vacuum tip, length 300 mm

For smaller, concentrated sources of pollutants. Overhang of the vacuum tip for increased vacuum efficiency

Standard Ø 50 mm

072-0410

ESD Ø 50 mm

072-0410-ESD

Standard Ø 75 mm

072-0411

ESD Ø 75 mm

072-0411-ESD



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