

# EVOTEC



## ECODust Pro



INNOVATIVE  
EXTRACTION  
TECHNOLOGY



# ECODustPro – Dry vacuum – 230 Volt

# EVOTEC



- ★ Compact design, large fixed castors suitable for use on stairs
- ★ Convenient dirt container lowering
- ★ ECODustPro 12 LP: **TRGS 519** certificated for **Asbestos works**
- ★ ECODustPro 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

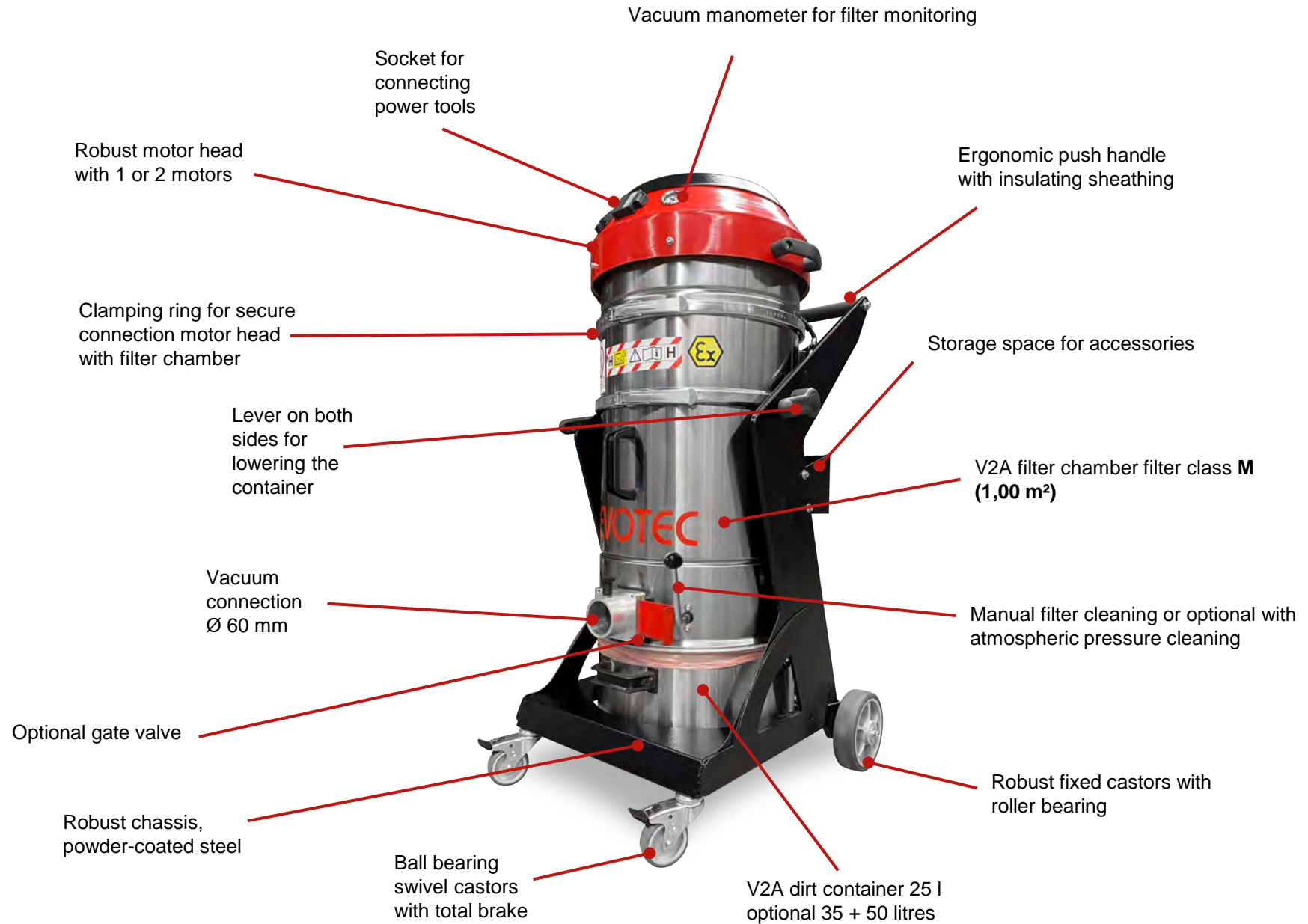
**ECODustPro 12**  
**ECODustPro 15**  
**ECODustPro 15WB**  
**ECODustPro 24**

Versions:



# ECODustPro 12/24

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# ECODustPro 15



Maintenance free turbine

Silencer

Vacuum relief valve (Turbine overheating protection)

Clamping ring for secure connection of the motor head and the filter chamber

Position H-Filter

V2A filter chamber filter class M (1,00 m<sup>2</sup>)

Vacuum connection Ø 60 mm

Storage space for accessories

V2A dirt container 25 l. Optional 35 + 50l or as Longopac version

Manual filter cleaning



**ECODustPro 15 Clean room version with enclosed motor head**

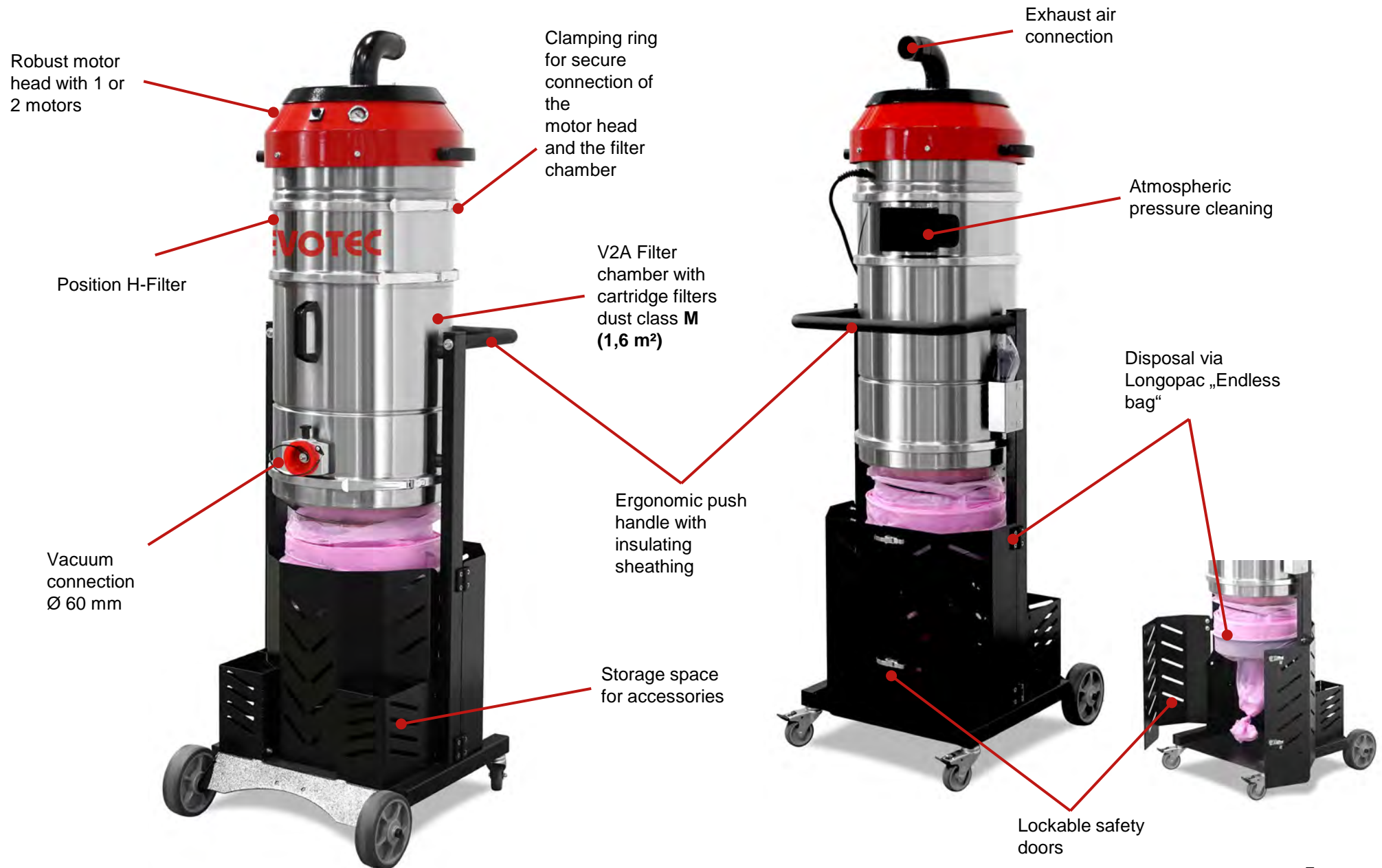


**ECODustPro 15 with atmospheric pressure cleaning**

# ECODustPro 12/24 LP Asbestos



*ECODustPro 24 meets the requirements for the extraction of asbestos according to TRGS 519*





# ECODustPro 15-WB Inert Safety Vacuum Cleaner

# EVOTEC



**ECODustPro 15-WB Clean room version with enclosed motor head**

**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.

Robust, smooth-running chassis for high mobility. Compact, modular design with high-quality stainless steel dirt container (V2A).

**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.

**Alternatively available as upgrade: Cartridge filter VA/** Polyester antistatic. (Filter area depending on model 1,0 m<sup>2</sup> or 1,6 m<sup>2</sup>)

**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.

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

Vacuum manometer for filter monitoring. Patented, 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 ASBESTOS-Version.**

GS-certificated according to **TRGS519** for the extraction of carcinogenic asbestos dusts. *ECODustPro 24 ASBESTOS-Version meets the requirements for the extraction of asbestos according to TRGS 519.*

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



**ECODustPro 15 WB Inert-Safety Vacuum:**

Wet separation. Passivation of explosive reactive dusts. CE conformity according to DIN-EN 60335-2-69 incl. Annex AA as well as 2014/34/EU ATEX Zone 22.

1st filter stage: Liquid bath separator

2nd filter stage: Demister, VA-filter

3rd filter stage: H14 cartridge filter

Model		ECODustPro 12	ECODustPro 15	ECODustPro 24	ECODustPro 15 WB
Voltage	Volt	230			
Engine power	Watt	1.200	1.500	2.400	1.500
Max. Air flow	m <sup>3</sup> /h	165	220	330	220
Negative pressure	mbar	210	200 / 240 max.	210	200 / 240 max.
Filter area	m <sup>2</sup>	<b>M: 1,00</b>	<b>M: 1,00</b>	<b>M: 1,00</b>	<b>VA: 1,0</b>
Filter area	m <sup>2</sup>	<b>H14: + 1,7</b>	<b>H14: + 1,7</b>	<b>H14: + 1,7</b>	<b>H14: + 1,7</b>
Dirt container	ltr.	25	25	25	50 Min.-Level: 12 Max.-Level: 15,5
Protection class	mm	IP X4	IP 55	IP 33	IP 55
Noise level	dB(A)	74	72	78	76
Vacuum connection	Ø mm	60	60	60	40 Kamlock
Dimensions LxWxH	cm	48 x 60 x 105	48 x 60 x 138	48 x 60 x 105	48 x 56 x 138
Weight	kg	25	49	25	59
Dust class <b>M</b>	I.-Nr.	<b>151-3090</b>	<b>151-3093</b>	<b>151-3097</b>	--
Dust c. <b>M/Type22</b> 	I.-Nr.	--	<b>151-3094</b>	--	--
Dust class <b>H</b>	I.-Nr.	<b>151-3091</b>	<b>151-3095</b>	--	--
Dust class <b>H/Asbestos</b>	I.-Nr.	<b>151-3092</b>	--	<b>151-3098</b>	--
Dust c. <b>H/Type22</b> 	I.-Nr.	--	<b>151-3096</b>	--	<b>151-3099</b>
<b>Upgrades:</b>					
Dirt container <b>35 l</b>	I.-Nr.		<b>053-4040</b>		--
Dirt container <b>50 l</b>	I.-Nr.		<b>053-4041</b>		--
Longopac	I.-Nr.		<b>053-xxxx</b>		--
Clean room version	I.-Nr.		<b>053-xxxx</b>		<b>053-xxxx</b>
Upgrade cartridge filters	Filter area I.-Nr.	2 x 0,5 m <sup>2</sup> <b>053-3002</b>	2 x 0,8 m <sup>2</sup> <b>053-3001</b>	2 x 0,8 m <sup>2</sup> <b>053-3001</b>	--

# Accessories for ECODustPro 12/15/24



Filter dust class M	
	<p><b>Pocket filters:</b></p> <p><b>Dust class M</b> Polyester needle felt with <b>PUR membrane</b>, filter area 1,0 m<sup>2</sup>, Ø 400 mm</p> <p><b>Non-stick property</b> – for sticky or adhesive dusts. Also for the extraction of fine dusts with abrasive nature (e.g. glass fibre)</p> <p>Standard = <b>054-20156</b> Antistatic = <b>054-20223</b></p>
	<p><b>Upgrade cartridge filter system atmospheric pressure cleaning</b></p> <p>Consisting of atmospheric pressure cleaning and matching cartridge filters 1.0 m<sup>2</sup>/1.6 m<sup>2</sup> filter area.</p> <p><b>Attention: Must be ordered with the device. Can not be refitted.</b></p> <p>For ECODustPro 12 (Filter area 1,0 m<sup>2</sup>) = <b>053-3002</b> For ECODustPro 15/24 (Filter area 1,6 m<sup>2</sup>) = <b>053-3001</b></p>
	<p><b>Cartridge filters:</b></p> <p><b>Dust class M</b> For repurchasing when used with upgrade cartridge filter system. Polyester fleece, aluminium coated, electrically conductive. 2 pieces are required.</p> <p>Filter area 0,5 m<sup>2</sup>, length 250 mm (1 piece)= <b>054-20124</b></p> <p>Filter area 0,8 m<sup>2</sup>, length 400 mm (1 piece)= <b>054-20199</b></p>

Filter dust class H	
	<p><b>Dust class H (H14)</b></p> <p><b>Absolute cartridge filters for all EVOTEC models</b> Support grille on both sides</p> <p>Replacement filter for repurchasing: 1,7 m<sup>2</sup>, Ø 400 mm = <b>054-20018</b></p>
Empty space for additional information	




# Disposal options ECODustPro 12/15/24








Disposal

Disposal options	
	<p><b>Plastic disposal bag, antistatic ESD</b> </p> <p>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:</p> <p>25/35-l-container (ESD, pink) = <b>235-1011</b></p> <p><b>Plastic disposal bag black, electrically conductive</b> Selling unit = 10 pieces Suitable for 50-l-container = <b>235-1040</b></p>
 	<p><b>Longopac - bags</b> „Endless“-bags for easy and dust-free disposal of the material. 20 metre foil hose with cable ties for sealing.</p> <p><b>Selling unit = 4 units á 20 meters</b></p> <p><b>Strong ESD quality</b> Thickness: 68 mic. <b>235-1050</b></p> <p><b>Strong quality (non ESD)</b> Thickness: 68 mic. <b>235-1060</b></p> <p>Optionally with <b>horizontal clamps</b> (prevents the bag from floating up) Item No.: <b>054-70358</b></p>

Protective doors for Longopac versions	
	<p><b>Lockable safety doors</b></p> <p><b>ECODustPro asbestos vacuum cleaners</b> are fitted with safety doors as standard.</p> <p><b>For Longopac versions without asbestos upgrade:</b> Recommended when vacuuming fine and/or hazardous media. Prevent accidental damage to the Longopac bag, which is filled with hazardous dust.</p> <p><b>Attention: Must be ordered with the device. Can not be refitted.</b></p> <p>Item No.: <b>054-5121</b></p>

# Accessories and filters for ECODustPro 15 WB



Options and accessories for liquid bath vacuum cleaners	
	<p><b>Spare or exchange container 50 ltr.</b> </p> <p>Liquid bath pre-separator incl. lid with demister insert, drain hose (optical level control), Kamlock vacuum connection Ø 40 mm.</p> <p style="text-align: right;"><b>054-3115</b></p>
	<p><b>Kamlock coupling</b> </p> <p>For vacuum connection Ø 40 mm hose nozzle</p> <p style="text-align: right;"><b>052-0198</b></p>
	<p><b>Drain hose</b></p> <p>For liquid bath pre-separators</p> <p>Ø25mm, linear metre. = <b>054-30033</b></p>

Options and accessories for liquid bath vacuum cleaners	
	<p><b>Cartridge filters dust class M</b></p> <p>Polyester fleece electrically conductive, 0,5 m², L 250 mm (2 pieces are required)</p> <p>1 piece <b>054-20124</b></p>
	<p><b>Stainless steel demister for</b> Water bath separator Height 50mm, density 175 kg/m³</p> <p>Demister <b>054-90190</b></p> <p>Holder for Demister <b>054-30102</b> (3 pieces are required)</p>
	<p><b>Absolute cartridge filter H14</b> Support grids on both sides,</p> <p>Replacement filter for repurchasing 1,7 m², Ø 400 mm = <b>054-20018</b></p>

## 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**



### 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)

<b>PP-Hoses and  - components</b>	
Hose material Polypropylene (PP), antistatic, with matching connection sleeves. Best suitable material for industrial use.	
	<b>PP-Hose antistatic, complete with fittings</b> 3,5 m long Ø 40 mm = <b>052-0151</b> 3,5 m long Ø 50 mm = <b>052-0248</b> 5 m long Ø 40 mm = <b>052-0152</b> 5 m long Ø 50 mm = <b>052-0249</b>
	<b>Linear Meter, antistatic</b> (for extension or self-assembly) Ø 40 mm = <b>052-0130</b> Ø 50 mm = <b>052-0230</b>
	<b>Hose sleeve (vacuum side) for PP-Hose antistatic</b> Ø 40 mm = <b>052-0140</b> Ø 50 mm = <b>052-0240</b>
	<b>Hose sleeve (boiler side) for PP- Hose antistatic Including retaining ring</b> <b>Only for ECODustPro</b> Ø 60 - 40 mm <b>052-0145</b> Ø 60 - 50 mm <b>052-0244</b>

<b>Superflex hoses and  - components</b>	
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	
	<b>Superflex-Hose, conductive, complete with sleeves</b> 3,5 m Ø 40 mm = <b>052-0153</b> 3,5 m Ø 50 mm = <b>052-0250</b> 5 m Ø 40 mm = <b>052-0154</b> 5 m Ø 50 mm = <b>052-0251</b>
	<b>Linear Meter, conductive</b> (for extension or self-assembly) Ø 40 mm = <b>052-0133</b> Ø 50 mm = <b>052-0233</b> Ø 60 mm = <b>054-90037</b>
	<b>Hose sleeve (vacuum side) for Superflex- Hose antistatic</b> Ø 40 mm = <b>052-0139</b> Ø 50 mm = <b>052-0239</b>
	<b>Hose sleeve (boiler side) including retaining ring for Superflex-Hose antistatic</b> <b>Only for ECODustPro</b> Ø 60 - 40 mm <b>052-0144</b> Ø 60 - 50 mm <b>052-0243</b>

(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><b>PUR- hose, conductive, complete with sleeves</b></p> <p>3,5 m long Ø 40 mm = <b>052-0155</b>          3,5 m long Ø 50 mm = <b>052-0252</b>          5 m long Ø 40 mm = <b>052-0156</b>          5 m long Ø 50 mm = <b>052-0253</b></p> <p><b>Running metre, conductive</b> (for extension or self-assembly)</p>
	<p>Ø 40 mm = <b>052-0136</b>          Ø 50 mm = <b>052-0236</b>          Ø 70 mm = <b>052-0309</b></p> <p><b>reinforced version:</b></p> <p>Ø 40 mm = <b>052-0157</b>          Ø 50 mm = <b>052-0254</b>          Ø 70 mm = <b>052-0310</b></p>
	<p><b>Hose sleeve (vacuum side)</b> for <b>PUR-Hose</b> antistatic</p> <p>Ø 40 mm = <b>052-0141</b>          Ø 50 mm = <b>052-0241</b>          Ø 70 mm = <b>052-0311</b></p>
	<p><b>Hose sleeve (boiler side)</b> for <b>PUR-Hose</b> antistatic Including retaining ring</p> <p><b>Only for ECODustPro</b></p> <p>Ø 60 - 40 mm <b>052-0146</b>          Ø 60 - 50 mm <b>052-0245</b></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 10<sup>3</sup> to 10<sup>4</sup> Ω.**

	<p><b>ESD-Superflex-hose</b></p> <p>Completely electrically conductive 10<sup>4</sup> Ω light and flexible, spiral-supported and thread-reinforced</p> <p>Ø 40 mm = <b>052-0200</b>          Ø 50 mm = <b>052-0287</b></p>
	<p><b>ESD-PUR-hose</b></p> <p>Completely electrically conductive 10<sup>3</sup> Ω robust and spiral supported</p> <p>Ø 40 mm = <b>052-0196</b>          Ø 50 mm = <b>052-0281</b></p>
	<p><b>Hose sleeve (vacuum side)</b></p> <p>for <b>ESD-Superflex-Hose</b> antistatic</p> <p>Ø 40 mm = <b>052-0139</b>          Ø 50 mm = <b>052-0239</b></p> <p>for <b>ESD-PUR-Hose</b> antistatic</p> <p>Ø 40 mm = <b>052-0141</b>          Ø 50 mm = <b>052-0241</b></p>
	<p><b>Hose sleeve (boiler side)</b> Including retaining ring Only for ECODustPro</p> <p>for <b>ESD-Superflex-Hose</b> antistatic</p> <p>Ø 60 - 40 mm = <b>052-0144</b>          Ø 60 - 50 mm = <b>052-0243</b></p> <p>for <b>ESD-PUR-Hose</b> antistatic</p> <p>Ø 60 - 40 mm <b>052-0146</b>          Ø 60 - 50 mm <b>052-0245</b></p>



# Vacuum arms



Vacuum arms, RG2	
	<p>Extraction arms enable <b>spot extraction</b> directly at the point of origin. Easy to handle and position due to <b>self-supporting construction</b> with three stable joints.</p> <p><b>Standard available in types</b> Aluminium with polypropylene joints (white)</p> <p><b>ESD available in types</b> for ESD areas (electrostatic discharge, certified according to IEC 61340-5-1).</p> <p>Ideal for use in laboratories, electronics manufacturing, pharmaceutical industry, etc.</p> <p><b>+ Energy saving</b> <b>+ Low noise</b> <b>+ Low pressure loss</b></p> <p><b>Picture on vacuum cleaner:</b> ESD/ATEX version Ø 75 mm - Range 1,300 mm incl. option: hood tube and flat hood incl. option: console</p> <p><b><u>Further available types and sizes on request !!</u></b></p>
	<p><b>Vacuum arm ESD</b> Including holder for panel feed-through Ø 50 mm Range 1.300 mm     <b>072-0400-ESD</b> Range 1.500 mm     <b>072-0401-ESD</b> Ø 75 mm Range 1.300 mm     <b>072-0402-ESD</b> Range 1.500 mm     <b>072-0403-ESD</b></p>

Vacuum arms, RG2	
	<p><b>Vacuum arm standard</b> Including holder for panel feed-through Ø 50 mm Range 1.300 mm     <b>072-0400</b> Range 1.500 mm     <b>072-0401</b> Ø 75 mm Range 1.300 mm     <b>072-0402</b> Range 1.500 mm     <b>072-0403</b></p>
	<p><b>Universal console</b> Bracket/console for the extraction arm on EVOTEC industrial vacuum cleaners.</p> <p>Ø 50 mm     <b>053-3051</b> Ø 75 mm     <b>053-3061</b></p>
	<p><b>Flat hood 300 x 200 mm</b> Especially suitable for gases and vapours. High extraction efficiency when positioned vertically to the table surface, including hood tube</p> <p>Standard Ø 50 mm     <b>072-0414</b> <b>ESD</b> Ø 50 mm     <b>072-0414-ESD</b> Standard Ø 75 mm     <b>072-0415</b> <b>ESD</b> Ø 75 mm     <b>072-0415-ESD</b></p>
	<p><b>Vacuum tip, length 300 mm</b> For smaller, concentrated sources of pollutants. Overhang of the vacuum tip for increased vacuum efficiency</p> <p>Standard Ø 50 mm     <b>072-0410</b> <b>ESD</b> Ø 50 mm     <b>072-0410-ESD</b> Standard Ø 75 mm     <b>072-0411</b> <b>ESD</b> Ø 75 mm     <b>072-0411-ESD</b></p>

**Notes**

**EVOTEC**



MADE IN  
GERMANY

**EVO-PRODUCTS** Blankenburg GmbH – Dieselstraße 3 – 53424 Remagen

Tel.: +49 (0)2642 9373-0 Fax: +49 (0)2642 9373-14

[www.evo-products.de](http://www.evo-products.de) – [info@evo-products.de](mailto:info@evo-products.de)