

# High performance compressed air cleaner for sucking dust

# EVOTEC



**High-performance compressed air cleaner for sucking up all dry dusts – from coarse dirt to microparticles ( $\mu\text{m}$ )**

**High quality standards** – well-designed, high-performance **compressed air ejectors** for the safe usage in potentially explosive atmosphere (zone 21 and 22) also.

**No electric components.**

Suitable for 3-shift-operation. Length of **ground clamp**: 2 m.

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

Container can be lowered for **easy disposal** of the absorbed matter.

**Cyclone separator** for better pre-filtering of fine dust particles and coarse matter

Resistant **polyester needle felt filter with PUR membrane**, dust class M type-tested according to EN 60335-2-69, high filter-power for long service life.

Effective, easy-to-use **filter cleaning**. **Vacuum gauge** for filter monitoring. Patented tool-free and **contamination free change of filter**.

Quick-action coupling with locking device and turning mechanism for secure connection of the suction hose.

Model		EP 312-60
Compressed air ejectors	quantity	2
Uptake	m <sup>3</sup> /h	56 (at 4 bar flow pressure)
Service pressure	bar	6 - 10
Max. air flow	m <sup>3</sup> /h	300
Max. neg. pressure	mbar	290
Filter surface „M“	m <sup>2</sup>	2,2 or 3,2
Filter surface „H“ (H14)	m <sup>2</sup>	+ 2,0
Container vol.	ltr.	60
Suction connection	Ø mm	80
Dimensions	cm	83 x 68 x 140
Weight	kg	100
Dust class <b>M/Type22</b>	Art. no.	<b>151-1082</b>
Dust class <b>H/Type22</b>	Art. no.	<b>151-1083</b>

Included in the delivery: 3,5 m suction hose dia. 50 mm and crevice nozzle

## Details compressed air cleaner EP 312-60

### 1 Pocket filter

Polyester needle felt pocket filter with PUR membrane with big filter power and long working time without interruption. Available in different sizes for dust class M. Optional as heat-resistant, non-stick coated or anti-static version. Patented tool-free and **contamination free** change of filter.



### 2 Venturi- cleaner head

maintenance-free compressed air injectors for safe continuous 3-shift-operations, also in potentially explosive atmosphere (zone 21 and 22)



### 3 Container

60 liter dirt container with inlaid PVC disposal bag, which is constructed vacuum tight for this design. Next to the connection of the suction hose there is the ball handle to clean the filter.



### 4 Side view

Easy container lowering because of the bilateral lifting handles. Ergonomic pushing bow also usable for storing the hose.



### 5 Ground clamp

For a proper grounding of the cleaner connect the ground clamp to the admitted potential equalisation.



### 6 Accessories box

Useful accessories box for the storage of nozzles and hand tube. There is also room for the put together hand tube.



## EVOTEC – Accessory sets



### Machine cleaning set

optimised for cleaning production machines.  
Consisting of bulk suction nozzle, beveled tube rubber nozzle, pointed rubber nozzle and round brush nozzle



dia. 40 mm = **052-1080**

dia. 50 mm = **052-1070**



### Industrial floor cleaning set

for cleaning all floors. Consisting of multi-part hand tube, **metal revolving nozzle with brush strip** and **replacement rubber strip**, round brush nozzle



dia. 40 mm, working width 370 mm = **052-1030**

dia. 40 mm, working width 450 mm = **052-1035**

dia. 50 mm, working width 370 mm = **052-1040**

dia. 50 mm, working width 450 mm = **052-1050**

dia. 50 mm, working width 500 mm = **052-1060**



### Set for cleaning at height

Consisting of 2 m hand tube, curved tubular nozzles 100 mm and 200 mm, one wall nozzle and one floor nozzle

dia. 40 mm = **052-1090**

dia. 50 mm = **052-1100**