

WORLD MARKET LEADER · 37,000+ UNITS IN SERVICE WORLDWIDE

DUSTER 3000 Downdraft

The mobile, ATEX-certified recirculation/exhaust air extraction unit — filters dust, solvents and paint mist right at your workstation.

No heat loss. No construction work.



5,100

M³/H SUCTION
CAPACITY

4-stage

FILTER SYSTEM

67 dB

QUIET OPERATION

230 V

STANDARD OUTLET

ATEX II 3G

EXPLOSION-PROOF

■ In use at more than **500 industrial customers**, including DAX-listed corporations, rail operators and public institutions.

Here's how the Downdraft works.

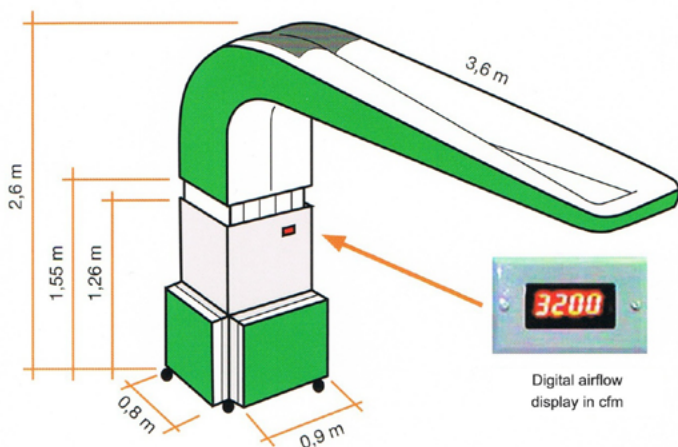
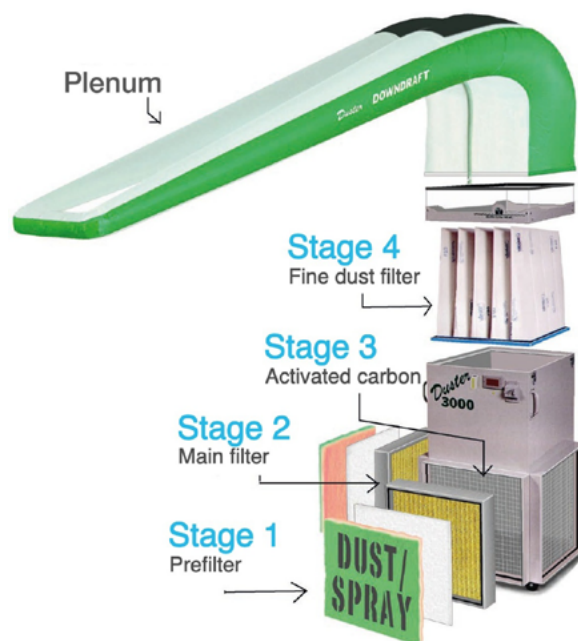
The contaminated air is drawn in **through the lower filter surfaces** and purified in four stages. **95%** of the purified air exits the unit at the top through a mesh – in a controlled and even flow to prevent dust from being stirred up. The remaining **5%** is gently pushed downward through small holes in the plenum. This counterflow creates a controlled airflow in the work area and directs pollutants toward the filter surface. In recirculation mode, the conditioned air remains in the room. This saves **costs** and makes an exhaust duct unnecessary.

Stage 1 Prefilter

Stage 2 Main filter

Stage 3 Activated carbon

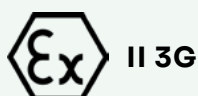
Stage 4 Fine dust



Technical data

Suction capacity (recirculation)	5,100 m³/h
Flow rate with exhaust hood	8,500 m³/h*
Operating modes	Recirculation / exhaust air version
Filter area	approx. 9 m²
Activated carbon	17 kg
Weight	123.5 kg
Footprint	0.8 m × 0.9 m
Clearance height	2.29 m
Total height	2.6 m
Total length	3.6 m
Operating noise level	67 dB (at 3 m)
Electrical connection	230 V · 1,500 W · 8 A

Safety & features



ATEX Zone 2 (II 3G)

Directive 2014/34/EU. Included as standard, not an optional extra.



CE marked

CE marking by cleanAIR.



Automatic filter monitoring

The only unit on the market with digital filter monitoring.

AREAS OF APPLICATION

Wherever clean air matters.



Automotive production

Paint mist and sanding dust at OEMs and suppliers.
ATEX-certified for use in potentially explosive areas.



Body & paint

Mobile extraction for spot repair and partial painting.
Positioned right where the work is being done.



Rail & vehicle maintenance

Large components that do not fit into a booth.
Optional plenum extension up to a maximum of 500 cm
for an extended work area.



Stage & set construction

Quiet (67 dB), mobile and needs only a standard
outlet. Ideal for theatre workshops and studios.



Carbon component manufacturing

Fine carbon dust is hazardous to health and
explosive. ATEX protection and a fine dust filter
in the fourth filter stage.



Industrial manufacturing & repair

Sanding, bonding, coating – wherever dust, vapors
or odors are generated at the workstation.



Car dealerships

Vehicle detailing and minor paintwork at the
dealership. Compact, quiet, on wheels.



Carpentry workshops

Wood dust and paint fumes from sanding and
painting – mobile at the workbench instead of
permanently installed.



Four sturdy casters with a 15 cm diameter ensure high mobility – when switched off, about 1 m² of floor space is all it needs. No wall breakthrough, no exhaust duct, no permitting process.

REFERENCES

From family-run businesses to DAX-listed corporations.

These companies rely on DUSTER 3000 systems:

STADLER



PHILIPS



THULE
SWEDEN



Mercedes-Benz

SIEMENS



ÖBB



3M

ABB

Certified performance with original filters.

The certified filter performance of the DUSTER 3000 is only guaranteed with **original filters from cleanAIR**. The unit monitors airflow digitally – when filter capacity decreases, performance is reduced automatically. This keeps your employees protected at all times. **We supply original filters throughout Europe, directly from stock.**

Prefilter



3-layer special pre-filter mat with an adhesive surface for paint mist, spray powder, and coarse dust.

1 set = 3 pieces

Service life 3–6 months

Main Filter



Pleated fiber material in a metal frame; captures particles as small as 5–10 µm.

1 set = 3 pieces

Service life 3–6 months

Activated Carbon Filter



Filter cartridge with activated carbon for absorbing toxins and harmful substances, such as solvents.

1 set = 3 pieces

Service life 9–18 months

Fine Particle Filter



Fine-particle bag filters with a large surface area for fine particles suspended in the air.

1 piece

Service life 12–24 months

Extensions & accessories



Exhaust hood

Optional hood for exhaust air mode.



Plenum extension

Available up to a maximum of 500 cm. For larger components and vehicles.



User manual & conformity documents

All documents available for download at www.duster-3000.com/en – or scan the QR code.

You decide what kind of air you breathe.

Request a consultation – free of charge and without obligation.



Call directly

+49 160 - 78 810 59

REQUEST A
QUOTE



cleanAIR

cleanAIR GmbH

Am Landhagen 16, 59302 Oelde

P +49 2522 – 830 97 17

F +49 2522 – 830 97 18

info@duster-3000.com

www.duster-3000.com/en