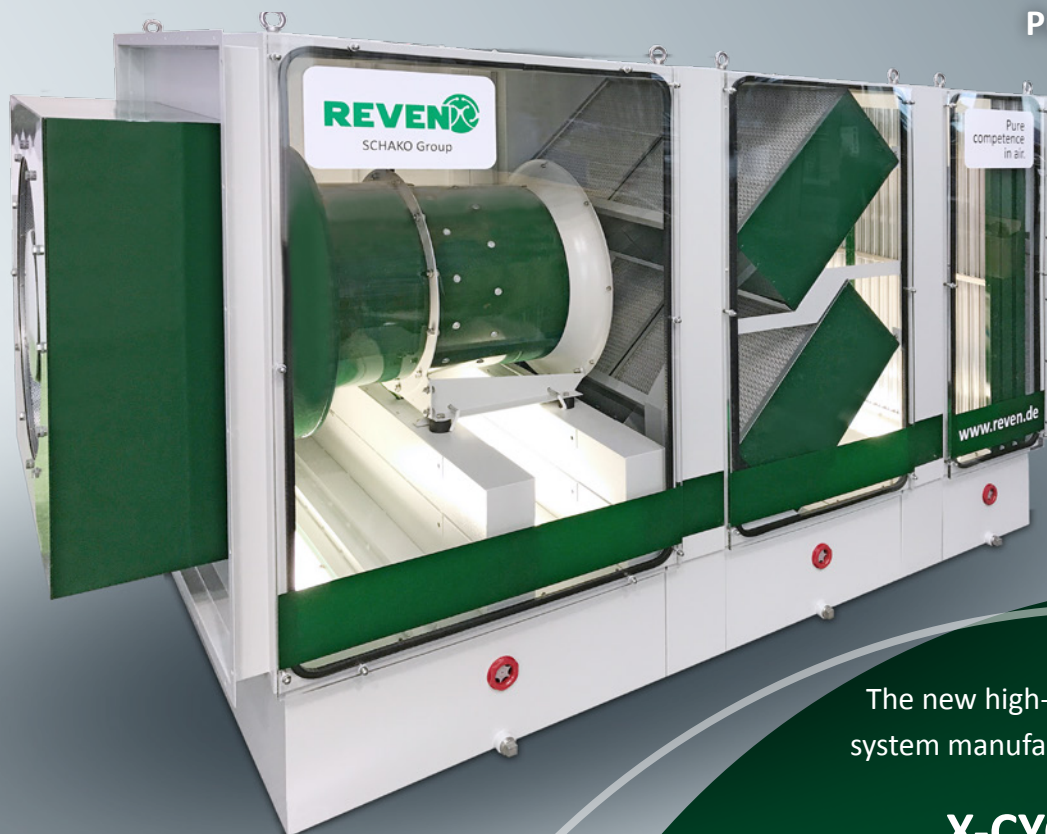


Pure competence in air.



Trade show exhibit with glass panes

The new high-efficiency central extraction system manufactured by Rentschler REVEN

X-CYCLONE® RK-EFF6



X-CYCLONE® separator

For ultrafine aerosols. High flow rate.

- Duct-mounting system for aerosols with ultrafine solid and liquid particles.
- Self-cleaning filters.
- High flow rate: 10,000 m³/h.
- Controllable performance.
- Extra high pressure suitable for ducts with a length of 100 metres.
- Housing and filter made of stainless steel.

The air cleaner is the latest result of our in-house research and development: The X-CYCLONE® RK-EFF6 with its innovative central extraction is particularly suitable for the removal of smoke, oil mist and emulsions from the exhaust of machining processes on machine tools.

Rentschler REVEN GmbH

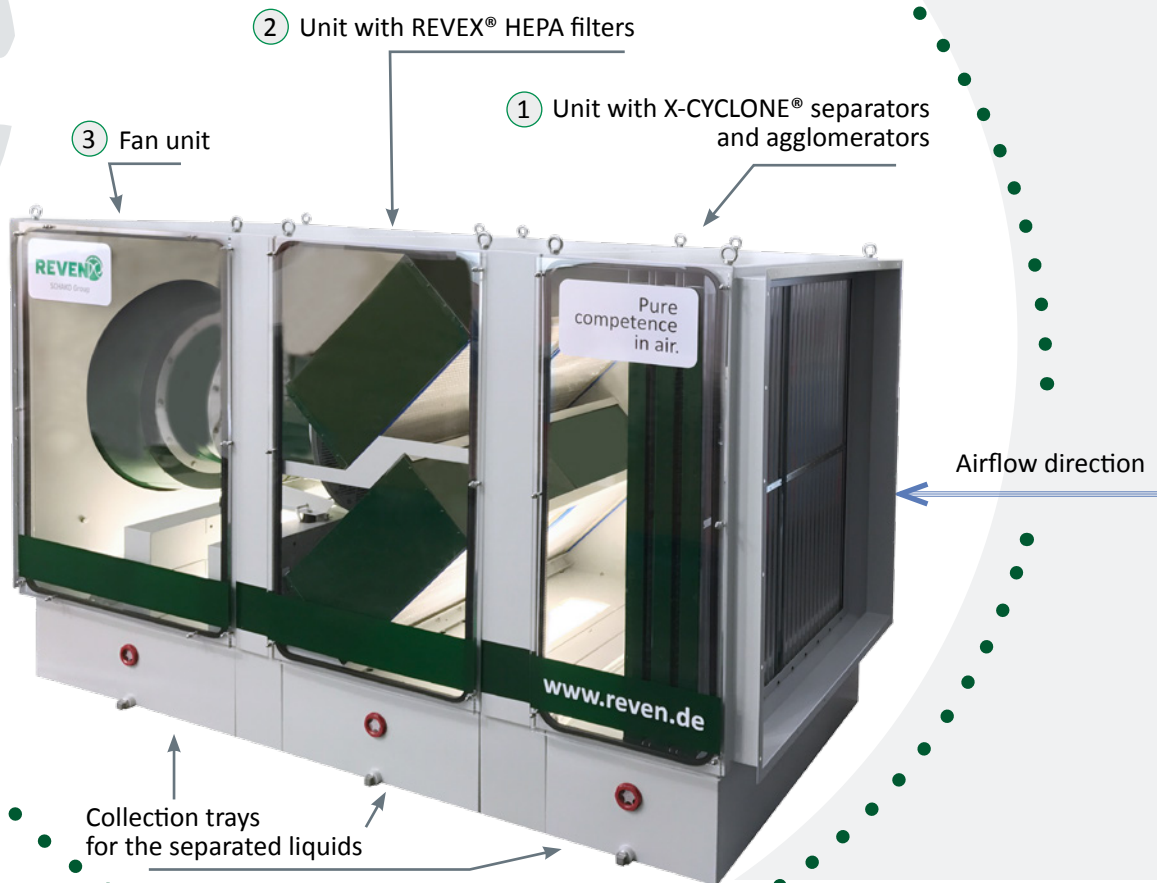
Ludwigstr. 16-18 · 74372 Sersheim · Germany · Phone: +49 7042 373-0

Fax: +49 7042 373-20 · info@reven.de · www.reven.de



REVEN 

SCHAKO Group



① X-CYCLONE® SEPARATORS

The fifth generation of the X-CYCLONE® profile for a healthy environment and improved working conditions: The separating performance was improved by up to 20 %. The drainage of the separated particles and liquids from the filters was considerably improved.

AGGLOMERATORS

Integrated stainless steel agglomerator system for the separation of PM 2.5.



② REVEX® HEPA FILTERS

The particulate filters made by Rentschler REVEN are not only suitable for the collection of aerosols with ultrafine solid particles, but also for the separation of ultrafine liquid particles smaller than one micrometre that are contained in oil mists or lubricant-polluted vapours.

REVEX® HEPA filters are self-cleaning, i.e. the separated liquids, vapours and mists condensate in the filter medium and are drained from the filter by gravity.

Technical data

- Initial ΔP : 250 Pa
- Temperature resistance: up to 80 °C
- Filter medium: glass fibre fabric

③ POWER

NOVENCO Building & Industry fan:
10,000 m³/h, 2,800 Pa;
with a very high degree of efficiency.

Motor:
10 kW, 3,500 rpm;
the performance can be controlled with a frequency converter.

External pressure:
1,000 Pa to bridge longer distances in the exhaust ducts, up to approximately 100 metres, if the ducts are suitably designed.

