

Pure competence in air.



Photo of a an air cleaner in operation

The ultimate air-cleaning solution
for the textile industry

X-CYCLONE® RKMR-TX



X-CYCLONE® separators

For tacky aerosols. High flow rates.

- Duct-mounting air cleaner for aerosols with a high contents of tacky particles.
- High flow rates, from 5,000 to 80,000 m³/h.
- Suitable for very high exhaust temperatures.
- X-CYCLONE® separators with an automatic cleaning system for a high service life.
- Housing made of stainless steel.

The X-CYCLONE® RKMR-TX is a further development of Rentschler REVEN for the textile industry.

The air cleaner, which is suitable for installation in the ductwork, removes pollutant particles originating from adhesives, lacquers, fibres, paraffin and silicone from the exhaust air.

Rentschler REVEN GmbH

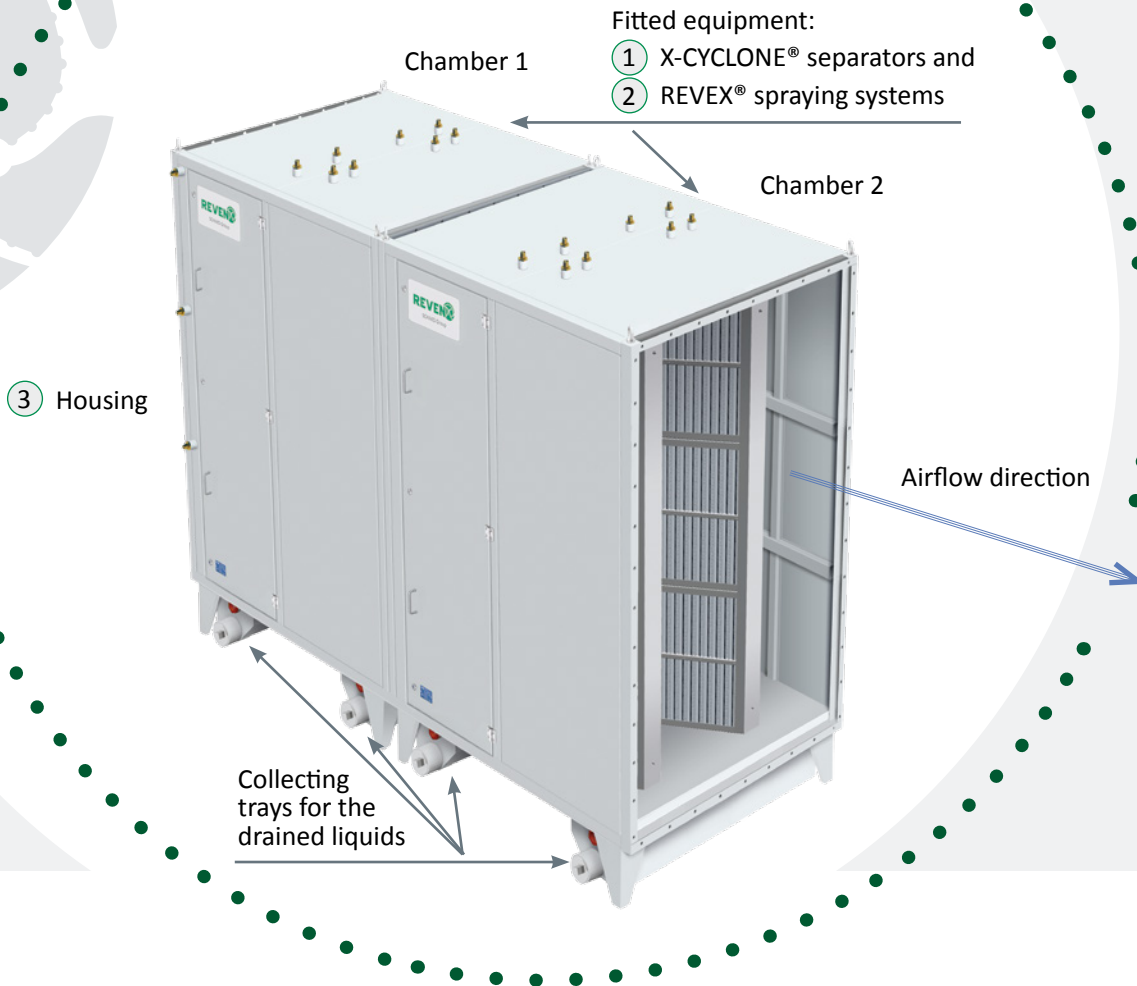
Ludwigstr. 16-18 · 74372 Sersheim · Germany · Phone: +49 7042 373-0

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 pollutant-free environment and healthy working conditions: The separating performance was improved by up to 20 %. The drainage of the separated substances from the filters has been considerably improved. The use of patented X-CYCLONE® separators improves fire protection in the exhaust duct.

For heat recovery,

clean exhaust air is indispensable. Aggressive aerosols can act on the heat exchangers and tacky or oily particles can affect the heat recovery. X-CYCLONE® RKMR-TX protects environment and extends the service life of your heat recovery system.

2 REVEX® SPRAYING TECHNOLOGY

Patented REVEX® spraying system with cleaning and air washing functions. In both chambers, a spraying system is fitted to clean the X-CYCLONE® separators; in the first chamber as second system is installed to lower the exhaust temperature, which can exceed 100 °C under certain conditions.

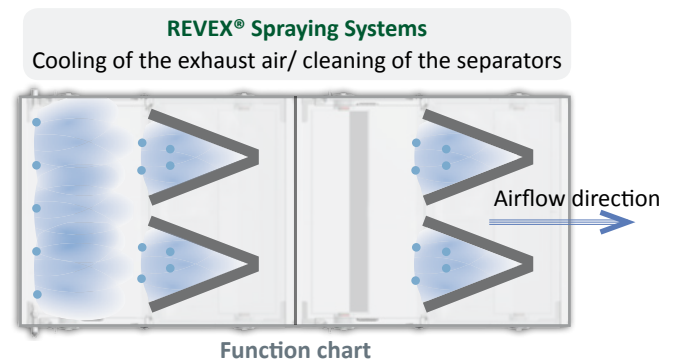
3 HOUSING

Material:

stainless steel, mat. no. 1.4301

Prevention of leakage:

- the pipes are connected from the top to the spraying systems.
- the inspection openings on both sides of the device are fitted with doors.



Function chart

