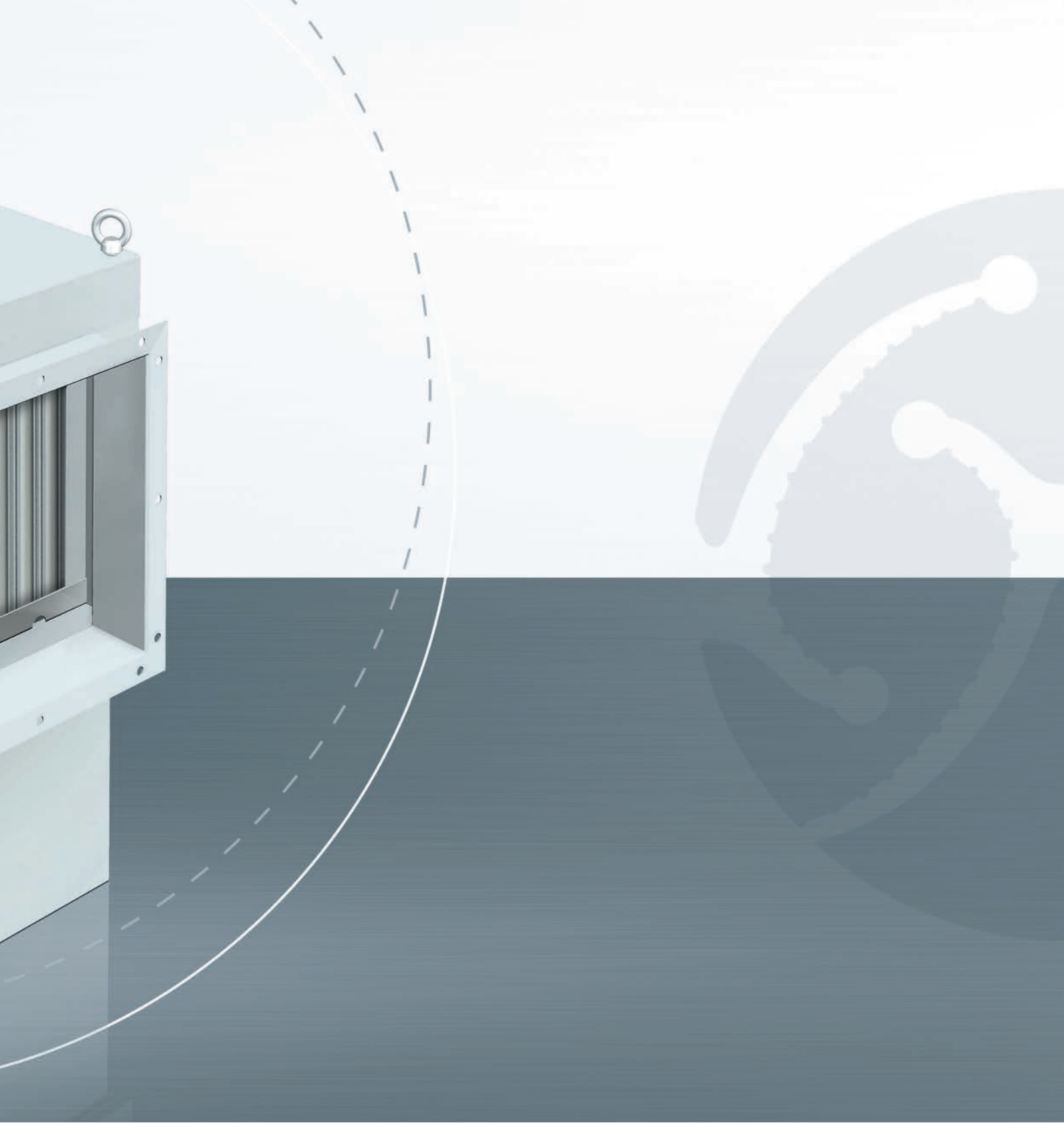


## **X-CYCLONE® RK2 Series**

Duct air cleaners for water-based aerosols





## RANGE OF APPLICATION

Cleaning of the exhaust air from processing machines, coating facilities, food-production plants and cooking appliances in commercial kitchens. Separation of water-based aerosols such as cooling lubricants, spray mist or cooking fumes.

Suitable for installation in horizontal exhaust ducts.



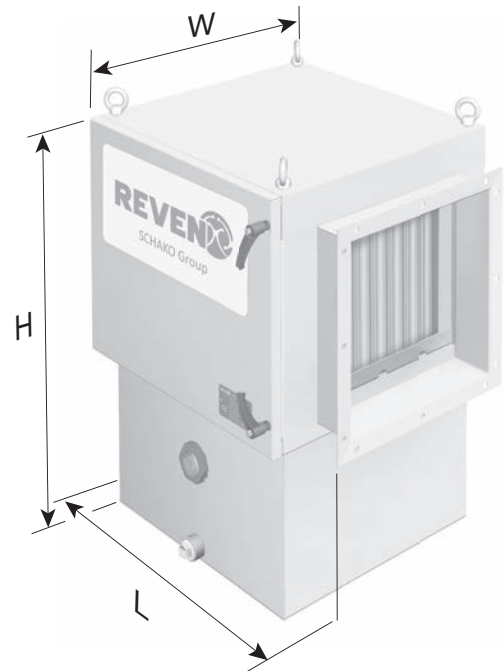
## TECHNICAL HIGHLIGHTS

- Patented high-performance X-CYCLONE® separating system with an efficiency rate of up to 99.9999 %.
- Agglomeration system made of stainless steel, suitable for the removal of PM<sub>2.5</sub>.
- Sustainable air-cleaning concept thanks to the use of cleanable separators.
- Efficiency and function of the air cleaner proven by CFD flow analysis.
- Fire protection in the exhaust duct due to flame-arresting X-CYCLONE® basic elements, tested in accordance with UL 1046, ULC-S 649, JFEA, DIN 18869-5 and DIN EN 16282.
- Enclosure 100 % rustproof in accordance with the requirements of the German trademark association for stainless steel Warenzeichenverband Edelstahl Rostfrei e.V.
- Effective protection of the exhaust duct against contamination.
- Designed, constructed and produced in Germany.
- Lifetime guarantee on the X-CYCLONE® basic separator elements and the corrosion resistance of the enclosure.



## ACCESSORIES

- Bag filter for aerosols containing plasticizer, varnish or oil particles.
- Differential pressure indicator to monitor the duct air cleaner.
- Adapters and reducers for connection to the exhaust ducts.
- Siphons, drain lines, connecting sleeves and shut-off valves for the separated liquids.



## TECHNICAL DATA – X-CYCLONE® RK2 SERIES

Type of device	Extraction volume [m³/h]	Dimensions				Pressure drop, total [Pa]	Weight [kg]
		Length [mm]	Width [mm]	Height [mm]	Duct connection [mm]		
RK2-1	1200	660	490	710	320 x 320	1000	50
RK2-2	1600	660	650	710	490 x 320	1000	55
RK2-3	2400	660	650	880	490 x 490	1000	65
RK2-4	3300	660	750	1120	620 x 620	1000	95
RK2-5	6000	660	990	1240	840 x 840	1000	125
RK2-6	10000	660	1240	1510	1160 x 1160	1000	160

\* Attention: The specified pressure drops are based on the assumption of an unobstructed air inflow into the X-CYCLONE® duct system and out of it. The air intake and outlet of the duct must be three times, better five times, as long as the diameter of the connection to the X-CYCLONE® duct system.