

X-CYCLONE® RJ Series

Inexpensive compact air cleaners for water-based aerosols





RANGE OF APPLICATION

Cleaning of the exhaust air from processing machines, coating plants or food-processing lines. Separation of water-based aerosols such as cooling lubricants or spray mist.



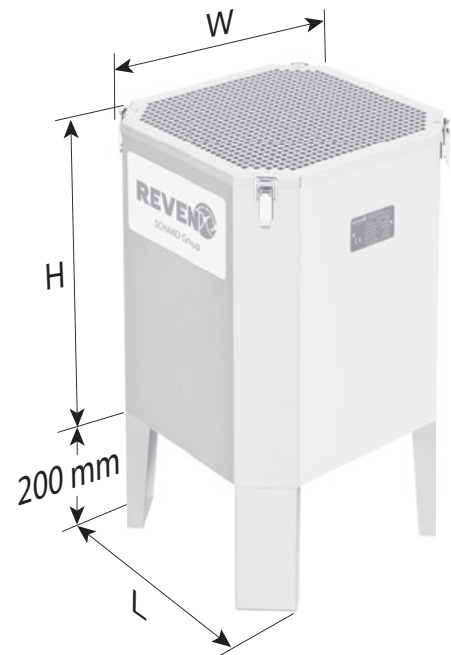
TECHNICAL HIGHLIGHTS

- Patented high-performance X-CYCLONE® separating system with an efficiency rate of up to 99.9999 %.
- Sustainable air-cleaning concept thanks to the use of cleanable separators.
- Fan impeller and motor with energy-efficient eco-design in accordance with the European Directive on Energy-related Products (ErP). Energy-saving potential of up to Euro 1,000 per year compared to traditional air cleaners.
- Efficiency and function of the air cleaner proven by CFD flow analysis.
- Flame-arresting X-CYCLONE® basic elements, tested in accordance with 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.
- Designed, constructed and produced in Germany.
- Lifetime guarantee on the X-CYCLONE® basic separator elements and the corrosion resistance of the enclosure.



ACCESSORIES

- EUREVEN® F2011 filter top unit with moisture-repelling, synthetic filter material, easy to clean; suitable for low smoke generation.
- Particulate air filter top unit, suitable for high smoke generation.
- Agglomeration system made of stainless steel, suitable for the removal of PM_{2.5}.
- Honeycomb agglomerator, suitable for high steam concentrations.
- REVEN® TEC Pipe for the condensation of steam and oil vapours.
- Chip protection, activated carbon filter and bag filter.
- Extraction hoses, capture hoods and brackets.
- Set of device supports.



TECHNICAL DATA – X-CYCLONE® RJ SERIES

Type of device	Extraction volume [m³/h]		Electrical data						Dimensions				Weight [kg]	Noise level [dB(A)]
			Voltage [V]		Current [A]		Power 3*		Length [mm]	Width [mm]	Height [mm]	Connecting diameter DN [mm]		
			1*	2*	50 Hz	60 Hz	50 Hz	60 Hz						
RJ-1	400	700	1~230	1~115	0.80	1.20	84		300	300	230	100	10	40
RJ-2	1000	1500	3~400	3~460	0.90	0.77	400		440	440	480	160	26	63
RJ-3	1400	2600	3~400	3~460	1.61	1.43	650		440	440	480	160	30	65

1* Extraction volume when connected to the extraction system with the filter(s) installed.

2* Extraction volume in unconnected, free-blowing state without filter.

3* Power data referring to the operational power.

Other voltages on request!