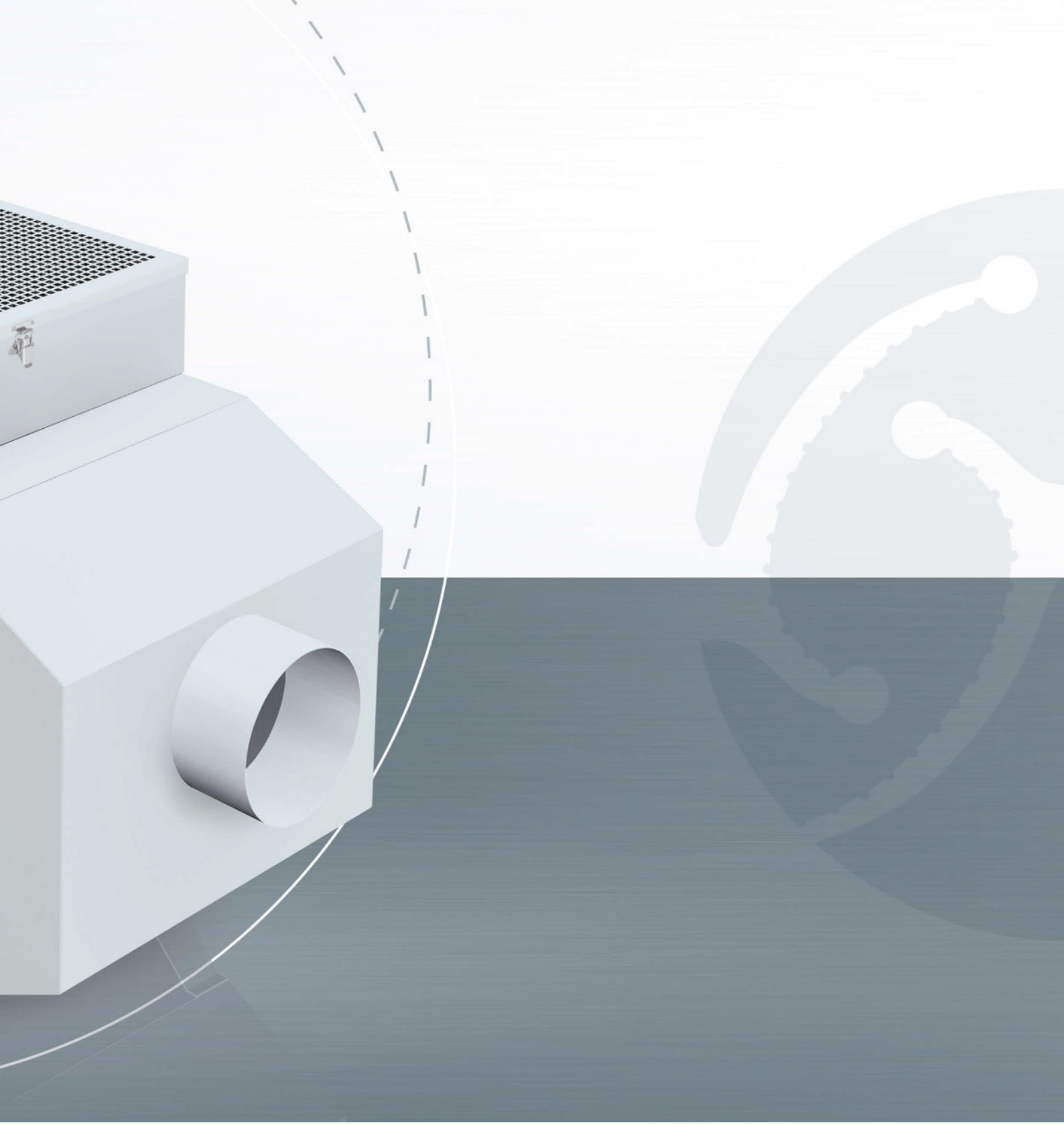
X-CYCLONE® CE-XSC Series

Electrostatic air cleaners for oil-based aerosols



REVENO
SCHAKO Group

X-CYCLONE® CE-XSC Series

RANGE OF APPLICATION

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

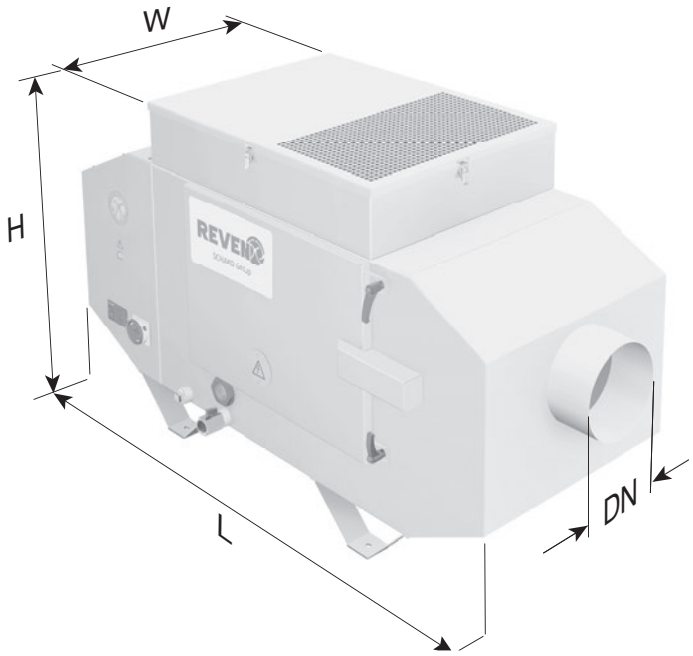
TECHNICAL HIGHLIGHTS

- Combination of the patented high-performance X-CYCLONE® separating system and an electrostatic precipitator with an efficiency rate of up to 99.9999 %.
- Compliance with ozone exposure limits.
- Sustainable air-cleaning concept thanks to the use of cleanable separators.
- Digital fan module XSC for fast commissioning, flexibility and high performance.
- 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 2,000 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.
- Agglomeration system made of stainless steel, suitable for the removal of $PM_{2.5}$.
- Enclosure 100 % rustproof in accordance with the requirements of the German trademark association for stainless steel Warenzeichenverband Edelstahl Rostfrei e.V.
- Intelligent functional display and high-voltage module.
- Designed, constructed and produced in Germany.

Further information

www.reven.de (Links/Speed Control Videos)

- State-of-the-art design protected by international design patent rights.
- Lifetime guarantee on the X-CYCLONE® basic separator elements and the corrosion resistance of the enclosure.



ACCESSORIES

- REVEN® Pipe.
- Particulate air filter top unit, suitable for processes with high smoke emission.
- Self-cleaning REVEX® HEPA filters, suitable for aerosols with ultrafine solid and liquid particles.
- Agglomeration system made of stainless steel, suitable for the removal of $PM_{1.0}$.
- Chip protection, activated carbon filter and bag filter.
- Extraction hoses, capture hoods and brackets.

TECHNICAL DATA – X-CYCLONE® CE-XSC SERIES

Type of device	Extraction volume [m³/h]		Collectors	Electrical data						Dimensions				Weight [kg]	Noise level [dB(A)]
				Voltage [V]		Current [A]		Power 3* [W]		Length [mm]	Width [mm]	Height [mm]	Connecting diameter DN [mm]		
	1*	2*		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz						
CE10-1-XSC	1000	1500	1	3~400	3~460	0.60	0.60	357	411	1335	560	810	200	117	65
CE10-2-XSC	1000	1500	2	3~400	3~460	0.60	0.60	357	411	1540	560	810	200	143	65
CE10-3-XSC	1000	1500	3	3~400	3~460	0.60	0.60	357	411	1755	560	810	200	169	65
CE17-1-XSC	1700	2600	1	3~400	3~460	1.05	1.05	611	703	1375	525	900	200	121	67
CE17-2-XSC	1700	2600	2	3~400	3~460	1.05	1.05	611	703	1590	525	900	200	148	67
CE17-3-XSC	1700	2600	3	3~400	3~460	1.05	1.05	611	703	1800	525	900	200	175	67
CE25-1-XSC	2500	4500	1	3~400	3~460	1.99	1.99	1213	1395	1375	650	900	300	150	70
CE25-2-XSC	2500	4500	2	3~400	3~460	1.99	1.99	1213	1395	1590	650	900	300	185	70
CE25-3-XSC	2500	4500	3	3~400	3~460	1.99	1.99	1213	1395	1800	650	900	300	219	70

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!