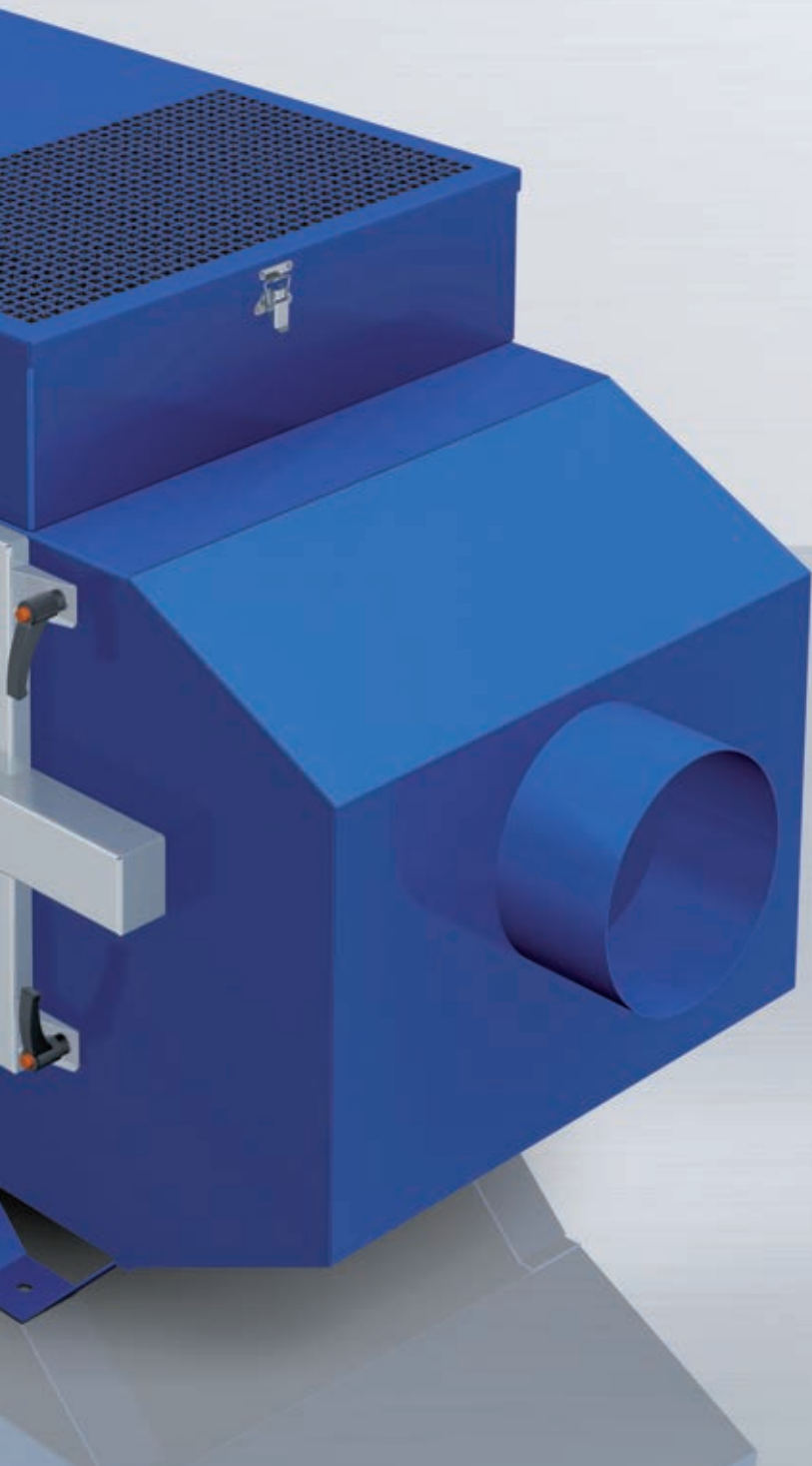




X-CYCLONE® CE Series

Electrostatic air cleaners for oil-based aerosols



REVEN®
X-CYCLONE
Air Cleaner
Luftreiniger



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

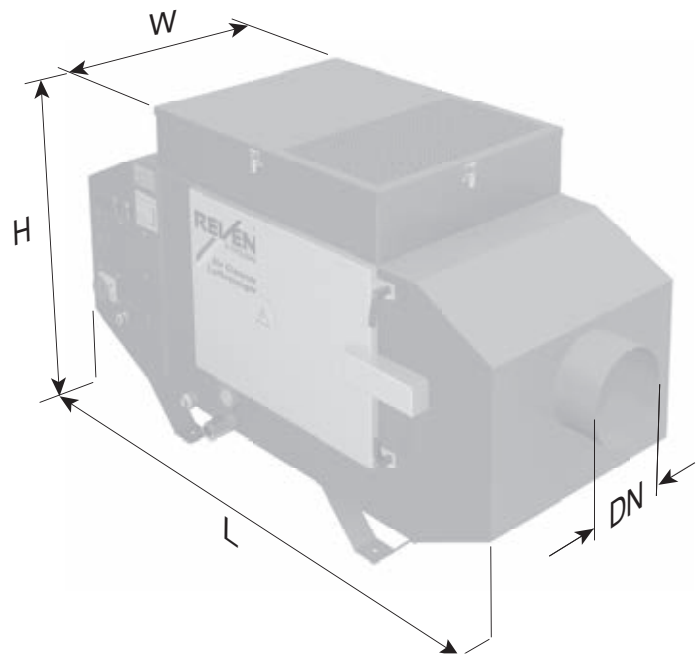
- Combination of the patented high-performance X-CYCLONE® separating system and an electrostatic precipitator with an efficiency rate of up to 99.9999 %.
- Compliance with ozone exposure limits.
- Sustainable air-cleaning concept thanks to the use of cleanable separators.
- Fan impeller and motor with 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 UL 1046, ULC-S 649, JFEA, DIN 18869-5 and DIN EN 16282.
- Agglomeration system made of stainless steel and glass fibre fabric, suitable for the removal of PM2.5.
- 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.



- 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

- Digital fan module with USB interface for motor control and diagnosis.
- REVEN® Pipe.
- Particulate air filter top unit, suitable for high smoke generation.
- Chip protection, activated carbon filter and bag filter.
- Extraction hoses, collecting hoods and brackets.



TECHNICAL DATA – X-CYCLONE® CE SERIES

Type of device	Extraction volume [m³/h]		Electrical data						Dimensions				Weight [kg]
			Voltage [V]		Current [A]		Power [W]		Length [mm]	Width [mm]	Height [mm]	Connecting diameter DN [mm]	
			50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz					
CE-1	1000	1500	3~400	3~230	1.30	2.00	320	430	1335	560	810	200	117
CE-2	1000	1500	3~400	3~230	1.30	2.00	320	430	1540	560	810	200	143
CE-3	1700	2600	3~400	3~230	2.05	3.30	590	900	1375	525	900	200	121
CE-4	1700	2600	3~400	3~230	2.05	3.30	590	900	1800	525	900	200	175
CE-5	2500	4500	3~400	3~230	4.70	7.90	1080	1820	1375	650	900	300	150
CE-6	2500	4500	3~400	3~230	4.70	7.90	1080	1820	1800	650	900	300	219

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

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