



X-CYCLONE® E1S Series

Single-side capture module with X-CYCLONE® air-cleaning system





RANGE OF APPLICATION

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

The module is suitable as pre-separator located above the production area; fitted to the exhaust duct.



TECHNICAL HIGHLIGHTS

- Patented high-performance X-CYCLONE® separating system with an efficiency rate of up to 99.9999 %.
- Efficiency and function of the separators proven by CFD flow analysis.
- Fire protection in the exhaust duct due to flame-arresting X-CYCLONE® basic elements, tested in accordance with DIN and DIN EN test standards.
- Effective protection of the exhaust duct against contamination.
- Lifetime guarantee on the X-CYCLONE® basic separator elements and the corrosion resistance of the hood frame.
- Sustainable air-cleaning concept thanks to efficient separators and scientifically sound technologies.
- All materials of the capture module and the materials used for its production are 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.

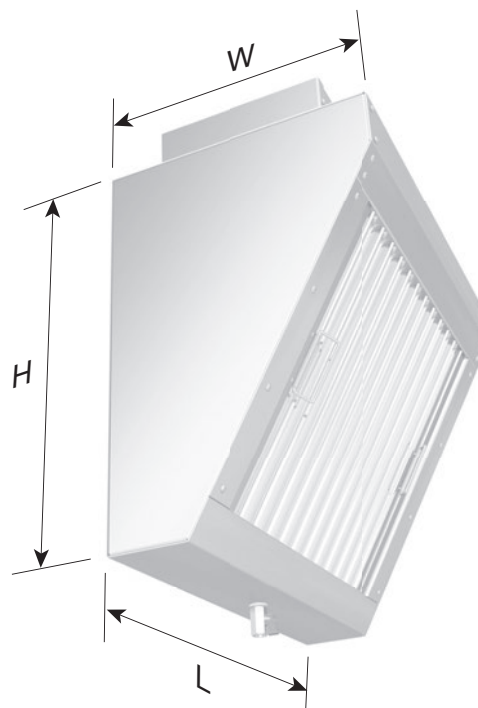
Further information

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



ACCESSORIES

- REVEN® energy-saving sensors for fully automatic monitoring, control and adjustment of the exhaust air volume flow.
- REVEN® UV system for the elimination of odorous matter and micro-organisms.
- REVEN® ECOJET low-velocity air outlet for additional control of air management when operating capture hoods.



TECHNICAL DATA – X-CYCLONE® E1S SERIES

Type of device	Extraction volume [m³/h]	Dimensions			Weight [kg]
		Length [mm]	Width [mm]	Height [mm]	
E1S-01	1500	605	380	550	29
E1S-02	3000	1095	380	550	52
E1S-03	2000	605	440	660	33
E1S-04	4000	1095	440	660	57
E1S-05	6000	1585	440	660	85
E1S-06	2250	605	480	720	38
E1S-07	4750	1095	480	720	61
E1S-08	7250	1585	480	720	86
E1S-09	7500	1495	520	790	87
E1S-10	11000	2185	520	790	113
E1S-11	8500	1495	575	885	92
E1S-12	12500	2185	575	885	133
E1S-13	16500	2875	575	885	163
E1S-14	9500	1495	645	1005	104
E1S-15	14500	2185	645	1005	144
E1S-16	19500	2875	645	1005	192