



X-CYCLONE® EGU Series

Recirculation hood with X-CYCLONE® air-cleaning system
for the reduction of organic odour pollution



REVENTO
SCHAKO Group



RANGE OF APPLICATION

Capture and cleaning of the exhaust air from production machines in the food industry and from cooking appliances in commercial kitchens with a recirculation system. Separation of water- and oil-based aerosols such as spray mist or cooking fumes.



TECHNICAL HIGHLIGHTS

- Combination of the patented REVEN® air-induction technology and the high-performance X-CYCLONE® separating system with an efficiency rate of up to 99.9999 %.
- RGN99 high-performance granulate, a food-compliant alternative to activated carbon. Odour reduction by oxidation of odour molecules in the exhaust air.
- Oxidation with potassium permanganate and volcanic rock zeolite. Odours are eliminated by the reaction with potassium permanganate; residual odour particles are trapped in the molecular sieve provided by the volcanic zeolite carrier material.
- Integrated low-velocity air outlets for additional control of air management.
- Efficiency and function of the separators proven by CFD flow analysis.
- More efficient separation through condensation of the vapour molecules in the separator supported by air-induction.
- State-of-the-art integrated LED fixture with dimmer, reduction of the energy consumption by up to 50 % in comparison to conventional T5 and T8 fixtures.
- Lifetime guarantee on the X-CYCLONE® basic separator elements and the corrosion resistance of the hood frame.

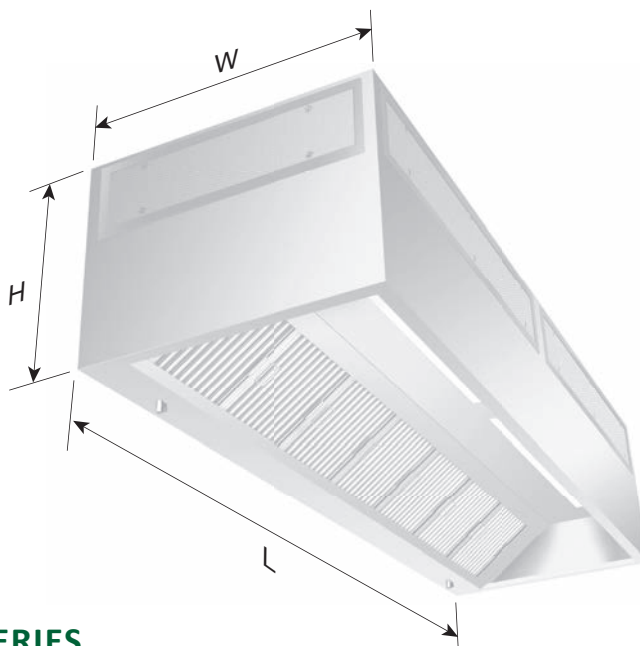
Further information

www.speed-control.info
www.reven-protect.com



ACCESSORIES

- REVEN® energy-saving sensors for fully automatic monitoring, control and adjustment of the exhaust air volume flow.
- Fully integrated REVEN® PROTECT fire-extinguishing system.



TECHNICAL DATA – X-CYCLONE® EGU SERIES

Width [mm]	1000	1100	1200	1300	1400	1500
Height [mm]	720	720	720	720	720	720

Length [mm]	Extraction volume [m³/h]	Connected load illumination [W]	Connected load fan [W]
850	500	–	355 – 400
900	1000	–	355 – 400
1000	1000	1 x 14	355 – 400
1200	1000	1 x 14	355 – 400
1400	1200	1 x 14	355 – 400
1600	1200	1 x 28	355 – 400
1800	1200	1 x 28	355 – 400

Length [mm]	Weight [kg]					
	Width [mm]					
	1000	1100	1200	1300	1400	1500
850	73	79	84	90	96	102
900	79	85	90	96	102	108
1000	84	90	96	102	108	114
1200	94	100	108	114	120	128
1400	108	116	124	130	138	146
1500	114	122	130	137	145	153
1600	120	128	135	140	150	160
1800	132	146	158	165	178	186