



X-CYCLONE® UV Series

UV system for the treatment of exhaust air from collecting hoods and extraction ceilings





RANGE OF APPLICATION

Elimination of organic odour pollution in the exhaust air from food-production plants or from cooking appliances in commercial kitchens by means of UV radiation.

TECHNICAL HIGHLIGHTS

- Built-in system with mercury-free REVEN® Longlife UV tubes generating ozonic radiation at a wavelength of 185 nm. Tube material made of synthetic quartz. Special interior coating for long-lasting transparency and prevention of contamination and discolouring.
- Exhaust air treatment with UV-C and VUV radiation. UV-C radiation at a wave length of 254 nm to eliminate microorganisms (bacteria, fungi and viruses). Vacuum ultraviolet radiation (VUV) at a wavelength of 185 nm to generate ozone for the oxidation of airborne odorous matter.
- Safety and functional monitoring via electronic differential pressure control without any mechanical components. Interpretation by monitoring modules in the switch cubicle.
- Fully integrated system, installed in the manufacturer's factory when the collecting and duct-mounting equipment is first assembled. No subsequent addition as practised by other manufacturers.
- Sustainable air-cleaning concept thanks to efficient separators and scientifically sound technologies.
- Built-in components, 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.



