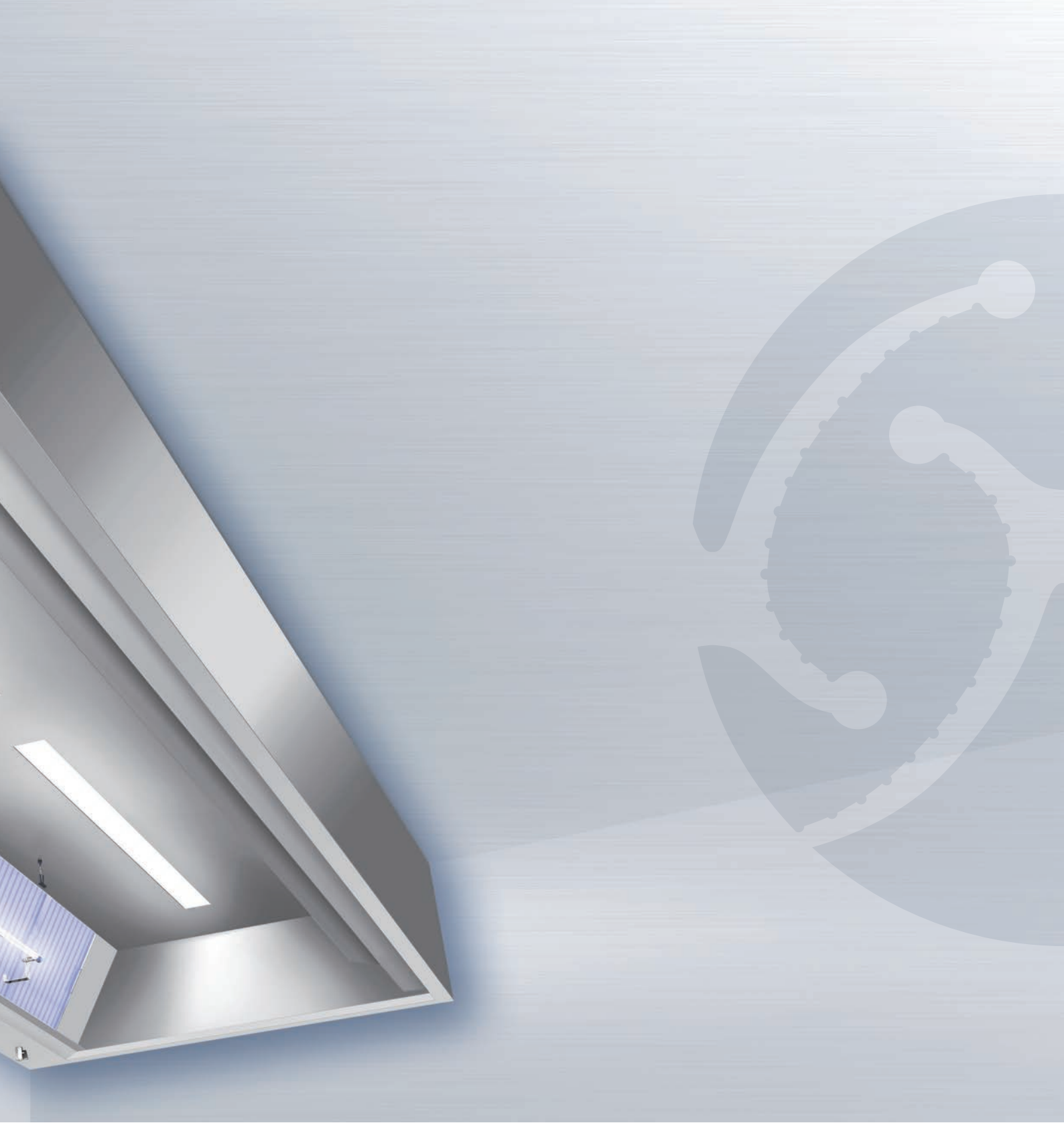


X-CYCLONE® UV Series

UV system for the treatment of exhaust air from capture hoods and ceiling-mounted extractors





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 capture 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 % rust-proof in accordance with the requirements of the German trademark association for stainless steel Warenzeichenverband Edelstahl Rostfrei e.V.
- Designed, constructed and produced in Germany.





Note:

When choosing the place of installation, make sure that the air needs at least two seconds to flow from the inlet of the capture system UV to the outlet into the open.