

Product Information

Applied inside ducts, or in the final section of AHU (Air Handling Unit) UV-RACK creates an UVGI barrier that inhibits the proliferation of viruses, bacteria, mold and spores settling inside Air Conditioning Systems and very dangerous for health.

UV-RACK purifies homogeneously the airflow running through its powerful lamps, eliminating the microbial load and the spreading and distribution of dangerous and annoying pathogens inside buildings.

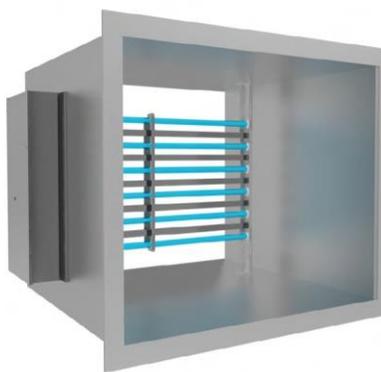
In AC systems an unpleasant biofilm covers usually all inner surfaces as the result of microorganism's combination and favorable conditions for their proliferation, such as temperature changes, high humidity and darkness. UV-RACK inhibits the creation of this biofilm increasing Indoor Air Quality and comfort. More specifically, the use of UV-RACK eliminates important issues related to AC Systems and deadly illnesses (such as Legionella Pneumophila, Tuberculosis, Flu, etc.) but also "Sick Building Syndrome", "Monday Fever", Asthma and Allergies. UV-RACK allows also the control of Hygiene high standards in Food industry and fights against Healthcare Associated Infections (HAI) in hospitals.

UV-RACK application is important not only for IAQ and health, but a cleaner AC system is also more efficient from an economic point of view, with less operative and maintenance costs. As a matter of fact, using UVGI the need of filters replacement and clean of inner surfaces is less necessary than usual.

With UV-RACK you obtain a deep and continuous disinfection and cleaning of your AC system, without the use of expensive and polluting chemicals, in few words with UV-RACK you have better comfort for people in the building, saving money.

TECHNICAL FEATURES

- Selective UV-C Light Progress lamps (emission peak at 253.7 nm.) high efficiency, ozone free, pure quartz.
- Body in STAINLESS STEEL AISI 304
- All materials are tested for resistance to intense UV-C rays.
- Waterproof and dust-proof (IP55).
- Powered by electronic ballasts specific for Light Progress UV-C rays' lamps.
- Synoptic LED with Hour counter and Alarms.
- CE mark (LVD - EMC - MD - RoHS).
- UL Listed.



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