

Trade brochure ::
Hygiene in AHU and HVAC ::
Consistent hygiene in all sectors ::

Germless production air
Efficient energy
Decrease of operating costs



- **Continuous disinfection** by up to **99.9 %**
- **Reduces** energy consumption
- **No** chemical disinfection necessary
- **Easy installation**
- **VDI 6022 and HACCP** conform



E362672

:: The power of ultraviolet light

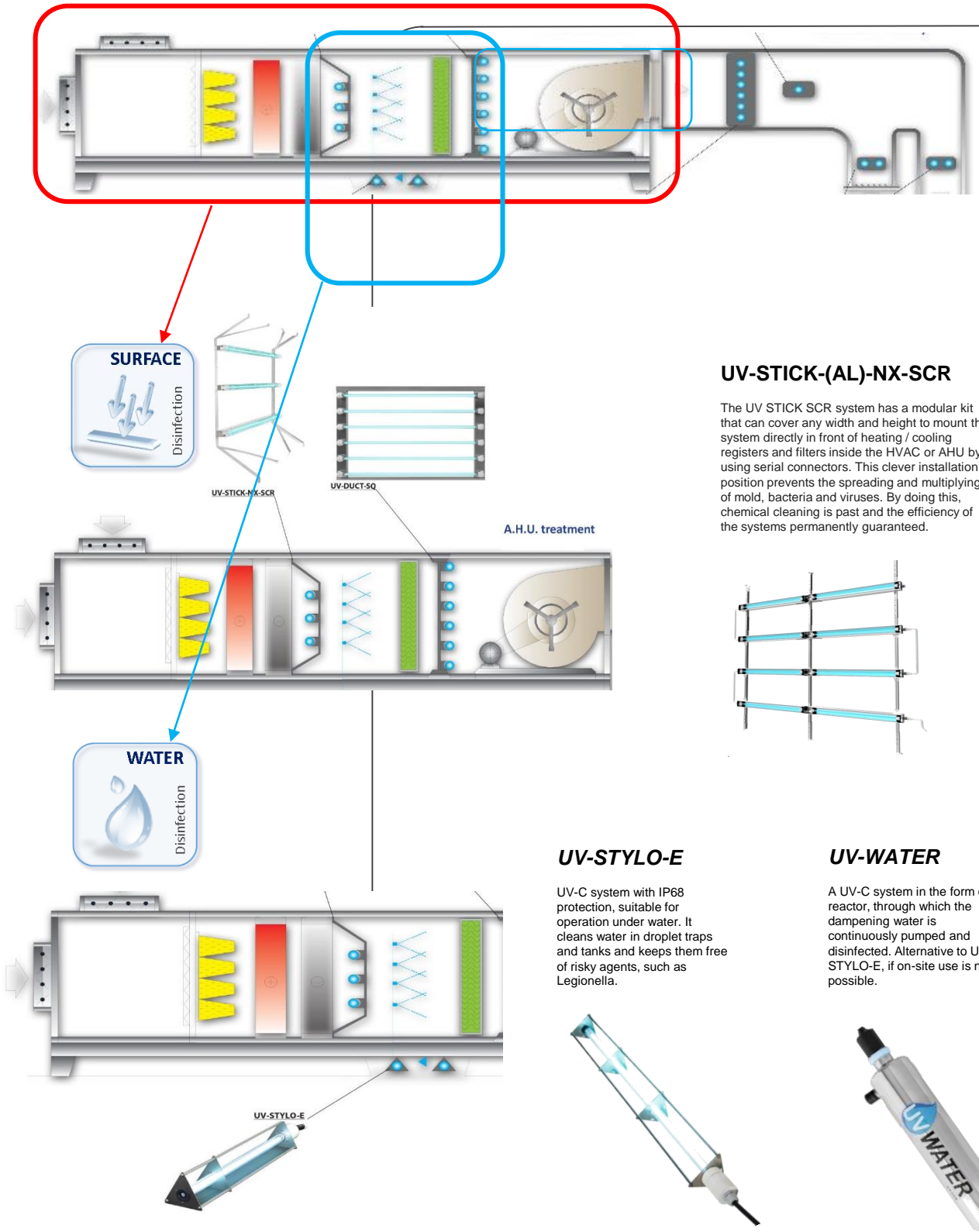
- UVC disinfection is efficient at wave lengths from 200 to 300 nm.
- UVC radiation output is highly bactericidal.
- It is absorbed by the DNA, destroys its structure and inactivates living cells.



- Kills bacteria, viruses and yeasts within seconds
 - No taste or odour impairment
 - No formation of health hazards or by-products
 - No adding of chemicals
 - Low-maintenance process and easy handling
 - Low purchasing and operating costs
 - Highest operational safety
 - Easy to retrofit
 - Plants specifically designed for your requirements
- Microorganisms such as viruses, bacteria, yeasts and fungi are rendered harmless within seconds by UV radiation.
 - With sufficiently high irradiation intensity the UV disinfection is a reliable and environmentally friendly method since you do not need to add any additional chemicals.
 - Microorganisms cannot develop resistance to UV rays.

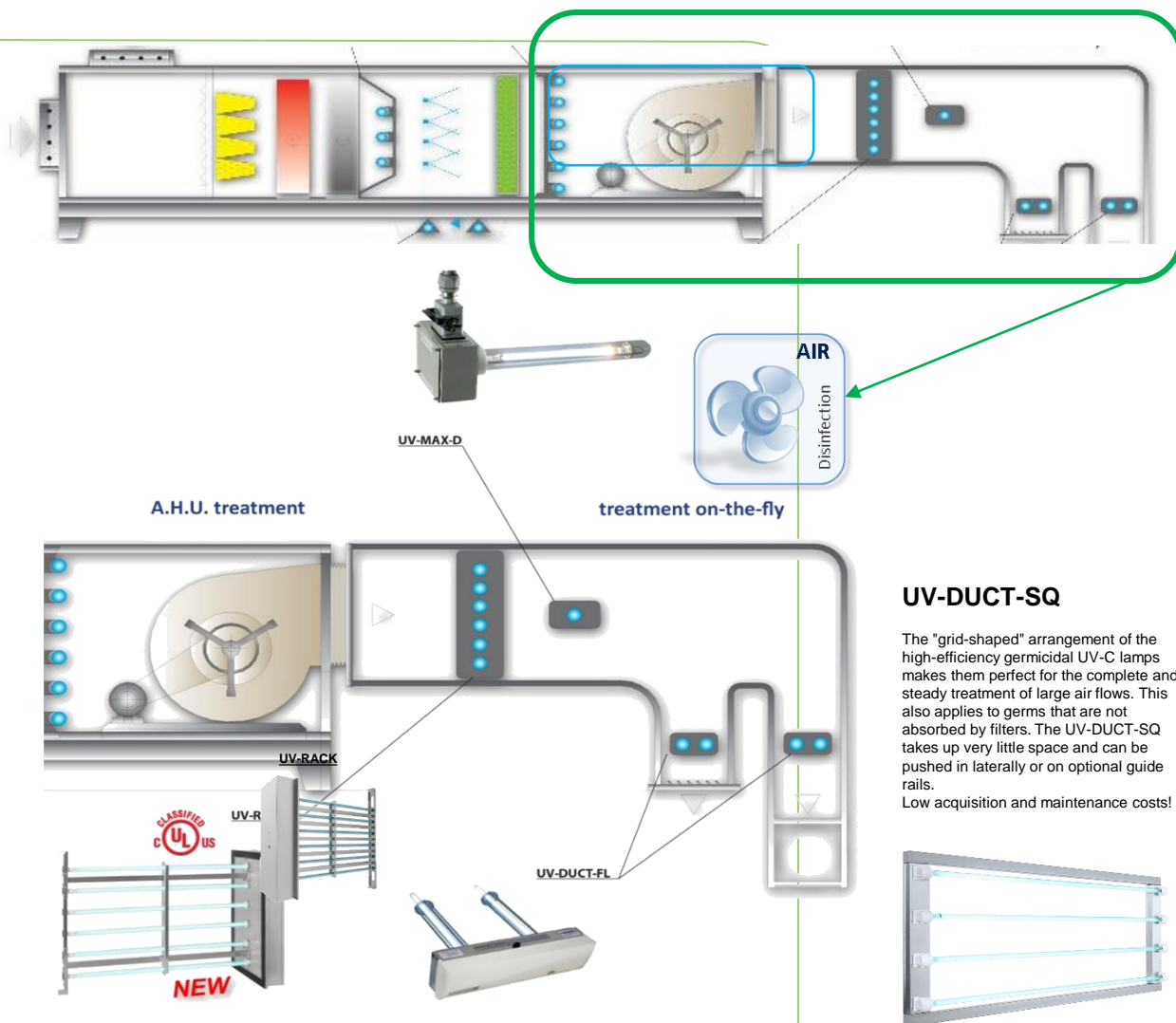
Applications for ventilation and air conditioning technology (HVAC)

Permanent microbial disinfection with UV-C



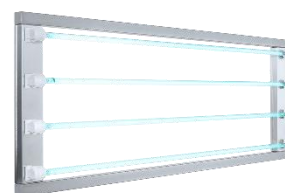
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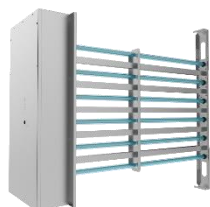
UV-DUCT-SQ

The "grid-shaped" arrangement of the high-efficiency germicidal UV-C lamps makes them perfect for the complete and steady treatment of large air flows. This also applies to germs that are not absorbed by filters. The UV-DUCT-SQ takes up very little space and can be pushed in laterally or on optional guide rails. Low acquisition and maintenance costs!



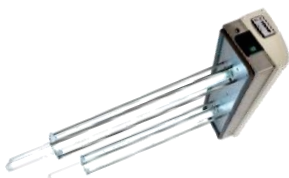
UV-RACK

The arrangement of the UV-C lamps cleans air at each pass. It fits into any duct size and is easy to assemble. Only the stainless steel frame is to be mounted. The adjustable feet allow easy adaptation to the structural conditions.



UV-DUCT-FL

Compact and easy to install, it will find its place in any air conditioner (even existing ones). Optimally UV-DUCT-FL is mounted on air outlets to prevent cross-contamination.



UV-MAX-D

Great performance, compact size. UV-MAX-D is ideal for UVC disinfection in air ducts, as it is easy to install, use and retrofit! The high intensity of the germicidal emitters is ideal for large air flows / cross sections and high flow velocities. The result is good sterilization rates even with mold fungi.



UV-DUCT-B

Is mounted on the air duct inner walls and the radiation is released into the duct interior. Use when there is limited space along the length of the air duct and no UV-DUCT-SQ can be used. Low acquisition and maintenance costs!

