



# SAFE LEARNING WITH UV-C AIR DISINFECTION

## MAX-MANNHEIMER MIDDLE SCHOOL, GARCHING

### FACTS AT A GLANCE

#### COOPERATION IN INDOOR AIR DISINFECTION

LEDVANCE and the UV expert Dr. Hönle AG cooperate in air disinfection with UV-C technology. In addition to the Europe-wide distribution of the SteriWhite product family, the cooperation also includes the joint development of new UV-C systems for chemical-free degermination of indoor air.

#### QUIET AND USER-FRIENDLY

The SteriWhite Air Q600 air sterilizer is ideal for classrooms: it is easy to operate, avoids disturbing air streams and operates very quietly at 39 dB.

#### LOW MAINTENANCE AND ENERGY EFFICIENT

The SteriWhite Air Q600 impresses with low maintenance, energy efficiency and "Made in Germany" quality.

### SteriWhite Air Q600



reddot winner 2021

# UV-C DISINFECTION OF AIR IN SCHOOLS - EFFECTIVE, FLEXIBLE, USER-FRIENDLY

**BREATHE EASY - WITH THE STERI WHITE AIR Q600, AIR VOLUME, FLOW VELOCITY AND UVC DOSE ARE HARMONIZED TO ACHIEVE EXCELLENT INACTIVATION RATES.**

## THE CHALLENGE

The corona pandemic continues to affect our everyday lives. UV-C technology can play an important role in making many areas of our daily coexistence safer. This is especially important for schools. The Max-Mannheimer Middle School in Garching was looking for a solution to make classrooms safer and more comfortable for pupils in times of pandemic by disinfecting the air.

## THE SOLUTION

LEDVANCE is cooperating in a strategic partnership with the UV specialist Dr. Höhle AG. In this context, LEDVANCE is the main sales partner for the product family SteriWhite. The devices for UV-C recirculating air disinfection in rooms are also suitable for use in schools. In the pilot project, a classroom of the Max-Mannheimer Middle School in Garching was therefore equipped with SteriWhite Air Q600 air disinfection devices. Only two SteriWhite Air Q600 devices are sufficient to make a classroom safer.

## THE BENEFITS

The SteriWhite devices work without chemicals and inactivate viruses, bacteria and molds on surfaces within seconds. The effectiveness especially against SARS-CoV-2 viruses has been confirmed by external test institutes. In addition, the SteriWhite Air Q600 impresses with a low-noise with 35.9 dB (A) at an air flow rate of 600 m<sup>3</sup>/h, modern design and easy installation and commissioning: the device can be mounted on a stand, on the wall or on the ceiling. The air purifier can be switched on and off at the touch of a button.

## SUMMARY

As a pilot project, the Max-Mannheimer Middle School in Garching wants to make teaching safer in times of pandemic by using modern air disinfection. For this purpose, LEDVANCE equipped a classroom of the school with chemical-free SteriWhite Air Q600 air disinfection devices from UV expert Dr. Höhle AG. These devices inactivate dangerous germs in the indoor air and impress with a quiet operation, low maintenance and a simple installation and commissioning.

„The SteriWhite Air Q600 devices are very quiet and integrate well into the overall appearance of the classroom. Because they can be mounted on the wall, they do not take up any space in the room and thus do not interfere with the teaching process! The pupils rarely notice the noise when the devices are in operation.”

Sandra Gruber, School Director, Max-Mannheimer Middle School, Garching



Two SteriWhite Air Q600 devices are sufficient to make a classroom safer.



Sandra Gruber, School Director of the Max-Mannheimer Middle School in Garching, is enthusiastic about the UV-C air disinfection devices from Dr. Höhle AG.