

UVC air disinfection in schools

On her own initiative, the head teacher of the primary and secondary school in Bindlach, Upper Franconia, has purchased UVC air disinfection units for added safety in the classrooms.

The school has made an important contribution to making classrooms safer for staff and students by purchasing air disinfection units. The catalyst for this initiative was head teacher Sabine Mörlein, who arranged tests using several demonstration units from Hönle. The tests were successful: UVC room air cleaners from the Bavarian company Dr. Hönle AG are virtually noise-free and remove over 99% of viruses, mould spores, and bacteria from room air.

Though regular airing of the classrooms remains essential, not least to ensure an adequate supply of oxygen, the ventilation intervals can be significantly prolonged. Not having to open windows every 20 minutes means far warmer and less draughty classrooms. This has come not a moment too soon, says Mrs Mörlein, as during the autumn and winter months, children frequently became ill, especially those sitting next to the windows. Blankets donated by the parents' council helped but were not enough to prevent this.

A further advantage of UVC disinfection: As it only becomes necessary to open the windows after 45 minutes at the earliest, lessons can now follow the regular schedule again.

Four SteriWhite Air Q115 units are now mounted on the walls of a classroom and reduce the risk of infection by coronavirus via aerosols to a minimum. "We will continue to do everything in our power to ensure that face-to-face teaching can take place safely and reliably in the future," states Sabine Mörlein confidently. The purchase of the UVC air disinfection units is the next step in the creation of an effective and sustainable hygiene concept. Sustainable because even after the current epidemic, Corona will remain part of our lives, just like influenza viruses – against which, incidentally, UVC air disinfection is also effective.