



Hygienic Air-Cooling Unit Vindur[®] Top.

No chance for viruses, germs and bacteria!

Viruses, germs and bacteria are almost everywhere. They spread particularly easy in rooms with many people, especially sick ones. Thus it is very important to ensure such areas have optimal air hygiene. To guarantee this, the Hygienic Air-Cooling Unit Vindur[®] Top works with a unique four-stage safety concept.

The innovative recirculating air-cooling system was especially developed for use in hospitals, on wards and in examination rooms as well as for public and industrial buildings. It is used as a supplementary or retrofit

solution if the existing primary building climate equipment is no longer sufficient and additional cooling is required. Thanks to the sophisticated hygiene concept it fulfils the strict hygiene requirements for cooling in manned rooms.

Optimal air hygiene protects.

Hygienic Air-Cooling Unit Vindur® Top with four-stage safety concept.



1 HEPA filters

The highly effective H14 HEPA filters reliably filter 99.9997% of all micro-organisms, bacteria and viruses from the air.

2 UV lamps

UV lamps reliably kill viruses, germs and bacteria that have been accumulated on the particulate air filter.

3 Silver-ion coating

The inner plates of the cooler are coated with silver ions which destroy viruses, bacteria, germs and mould.

4 Thermal disinfection

After the unit is switched off, heat exchangers and condensate drip tray are heated sequentially for about 10 minutes to approx. 70 °C. This dries out the biofilm resulting from the cooling process, reliably killing micro-organisms and viruses.

Additional safety:

Thanks to optimal accessibility, all maintenance and service work can be carried out quickly and easily. Thanks to the web visualisation, all installed parts and operating states can be checked and monitored at all times. Online remote monitoring is available as an option.

See the brochure for technical details.

