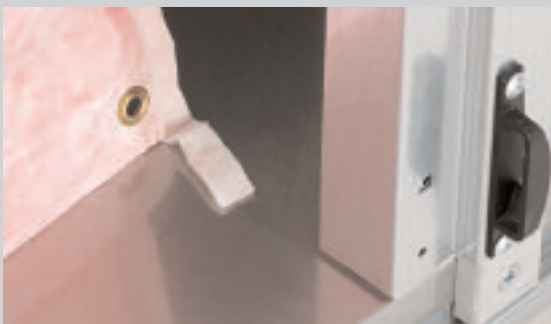


KG-TOP/ KGW-TOP AIR CONDITIONING UNITS

MODULAR SYSTEMS FOR 16 SIZES

Air conditioning systems enhance your well-being by reliably regulating the temperature, humidity and air quality in closed rooms and therefore establishing a climate that people find agreeable. But the standard of hygiene of the air is traditionally its weak point. KG-Top now makes this problem a thing of the past, because it has been designed using the latest hygiene guidelines. KG-Top for instance even meets the rigorous standards that apply in hospitals. The unit can be equipped with additional filters or coatings specifically for such applications.

- 16 different sizes
- Air volume output: up to 100,000 m³/h
- Can be fully stripped down into component parts and recycled
- Designed on the basis of VDI guideline 6022 on the hygienic planning, execution and maintenance of technical systems for interior air
- GS and CE certified as standard, electromagnetically compatible



Modern hygiene technology in air conditioning systems

Modern air conditioning equipment features a wide array of details both to keep the appliances cleaner for longer and to make them easy to clean (active and passive hygiene measures). The base and lid of the KG-Top have an absolutely gap-free finish, plastic strips resistant to disinfectant and ageing have been used for sealing the panels, and built-in inspection glasses allow visual inspection of the system. There is unobstructed access to all critical components, e.g. the filter, and hinges and catches are externally mounted as standard.

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■ Heat recovery

Heat is recovered by means of a crossflow heat exchanger that guides warm and cold air past each other, or by a rotary heat exchanger. The heat exchanger is corrosion-proof, with no moving parts. The heat recovery rate is over 80 %.

■ Additional filters

In order to meet particularly high hygienic requirements, a large number of additional filters are available and can easily be fitted. These include biostatic filters, activated charcoal filters, metal filters and suspended matter filters.

■ Modular design

The air conditioning units in the KG-Top range are made from intrinsically stable, fully galvanised individual cubes (panels optionally in stainless steel) connected according to the modular principle. By combining various elements, the air conditioning units can be tailored perfectly to the user's specific requirements.

■ Suitable for full dismantling

The individual modules can easily be separated, stripped down into the component parts and thus recycled in full. The plug-in frame design also facilitates transport, assembly and servicing of the appliances. In addition, several different sizes of appliance can be combined.

■ Approved for use in hospitals

KG-Top is certified to DIN 1946 T. The appliance therefore satisfies the hygiene requirements of hospitals and can be used in operating theatre zones, laboratories, the pharmaceutical industry and, subject to certain requirements, in production facilities for electronic components.



Multifunctional units of KG-TOP



3-dimensional base tray



The competence brand for energy saving systems

A Product of

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