

FOR THE HIGHEST LEVELS OF HYGIENE AND SAFETY

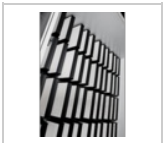


We expect a lot – particularly from ourselves. The X-CUBE air handling unit is a textbook example of German engineering at its best. Our R&D has paid close attention even to details, which may be small but decisive. It was the developers' goal to create a unit that provides room air of the best quality, air which meets the hygiene and safety requirements for highly sensitive areas.



Large selection of energy-efficient heat recovery systems.

Depending on the application and site it may be possible to choose among different heat recovery systems. For example, plate heat exchangers can, because of their function, only be used in combined supply air and extract air units. The same is true for rotary heat exchangers, which achieve a heat recovery efficiency of up to 80 %. For very demanding requirements on hygiene, e.g. in cases where the transfer of odorous substances or germs must be prevented, a high-efficiency run around coil system is recommended in which the supply air flow and the extract air flow are completely separate.



Ultimate hygiene.

A smooth exterior, powder-coated surfaces on the inside, stainless steel floors, and a stainless steel condensate drip tray, which is sloped in all directions, meet the most stringent hygiene requirements and withstand commercially available disinfectants. The integral cable duct, which is included in the construction variant with measurement and control system, also meets the highest hygiene requirements.



Easy maintenance and service.

Almost unlimited configuration options with regard to the arrangement of the individual components and inspection access doors with inspection windows facilitate maintenance of the TROX air handling units to a very high degree. The internal illumination provided by energy-efficient LEDs is yet another example for the high standards we set for our products when it comes to the conservation of resources and to sustainability.



TROX quality through and through.

If we produce it ourselves, we can ensure the best quality. This is our philosophy. And this is why we manufacture as many products as possible in our own facilities: From multileaf dampers with leakage class L2 or L4 (to EN 1751) to sound attenuators with glass fibre fabric and with powder-coated surfaces and to filter elements that comply with the relevant standards: It's all made in Germany.

