

AIR HANDLING UNIT



We expect a lot – particularly from ourselves. Our X-CUBE air handling unit is the epitome of German engineering at its best. It is the sophisticated details that make the difference, details on which our developers put their focus and which are the result of our engineers' knowledge, skills and experience. It was their goal to create a unit that provides room air of the best quality, air which meets the hygiene and safety requirements in highly sensitive areas such as those in hospitals.

High-efficiency run around coil system.

In this heat recovery system the optional heat exchangers for supply and extract air are connected hydraulically but are otherwise completely separate. A high-efficiency run around coil system prevents the transfer of odours and contaminants; the thermal efficiency is > 70%.

Ultimate hygiene.

A smooth exterior, smooth, powder-coated surfaces on the inside, stainless steel floors, and stainless steel condensate drip trays, which are sloped in all directions and conform to the relevant standards, 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 by TROX.