

X-CUBE X2 COMPACT - THE SMART AIR HANDLING UNIT



The ready-to-connect and pre-configured X-CUBE X2 compact air handling unit has continued the excellent features of type X-CUBE X2.

The type X2 compact is individually configurable and can easily be adapted to country-specific requirements.

COMPACT DEVICE - IMMEDIATELY READY FOR USE

Due to the small size and the variable versions with vertical or horizontal duct connection, installation is possible in the smallest of spaces. The slim units fit largely through standard doors and are easy to transport.

The units are supplied ready for connection and can be configured and commissioned via X-CUBE control in a very short time.



THE HIGHLIGHTS AT A GLANCE

- Volume flow rates of 600 to 15,000 m³/h
- Choice of rotary or counterflow heat exchanger
- Maximum energy efficiency with EC fans
- Intuitive configuration and commissioning
- Easy inspection and improved hygiene properties
- Slim design and low weight
- Horizontal and vertical outlet possible



HIGH ENERGY EFFICIENCY AND UNPARALLELED HYGIENE

With the special shape of the casing, its smooth surfaces, and the way in which the components are installed, the X-CUBE X2 compact complies with the VDI 6022 specifications. The X-CUBE X2 compact has been designed to be consistently energy-efficient.

Construction principle, insulation, tightness, heat recovery, energy-efficient actuators and intelligent control technology lead to a high savings potential.


CLASSES ACCORDING TO DIN EN 188

- Thermal transmittance class T2
- Thermal bridging class TB2

- Casing leakage L1 (M)
- Stability D1 (M)



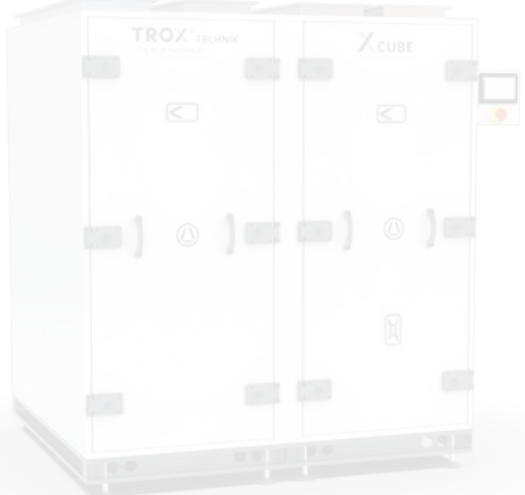
YOU HAVE THE CHOICE


 A large, white, horizontal industrial unit with multiple compartments and a control panel on the right side. The unit is labeled 'TROX' and 'CUBE'.

HORIZONTAL CONNECTION

with rotary heat exchanger

- 9 unit sizes
- For volume flow rates from 1,500 to 15,000 m³/h (416 to 4,166 l/s)
- Indoor and outdoor installation


 A white, vertical industrial unit with two main sections, labeled 'TROX' and 'CUBE'. It has a control panel on the right side and a heating coil at the bottom.

VERTICAL CONNECTION

with rotary heat exchanger

- 4 unit sizes
- For volume flow rates from 1,500 to 5,000 m³/h (416 to 1,388 l/s)
- Indoor installation
- With integrated heating coil



HORIZONTAL CONNECTION

with plate heat exchanger

- 6 unit sizes
- For volume flow rates from 1,500 to 9,000 m³/h (416 to 2,500 l/s)
- Indoor and outdoor installation
- Heat recovery system: with counterflow heat exchanger

SMART CONTROL WITH X-CUBE CONTROL

FAST. INTUITIVE. READY TO GO.

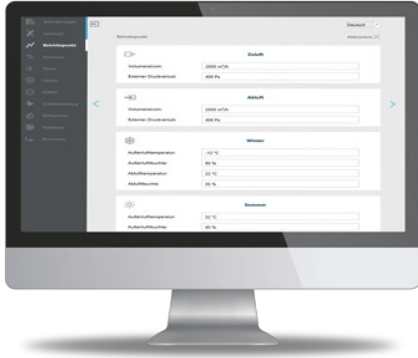
- Easy handling on the construction site
- Minimal installation effort due to ready-to-plug-in modules
- Integrated and expandable X-CUBE controls technology
- Many functions can be freely parameterised without software knowledge
- Customised adaptations programmable on request
- TROX CLOUD for remote monitoring possible
- Central BMS connection via BACnet IP or Modbus TCP/IP mode

THE TROX CLOUD SOLUTION

ALL FEATURES AT A GLANCE

- Monitoring and remote access
- Highest data security
- Access at any time from any location instead of time-consuming local, point-by-point checks

X-CUBE CONFIGURATOR



FIND THE RIGHT UNIT - FAST

- Simple online design and sizing of X-CUBE air handling units
- Configuration possible without expert knowledge
- Secure 24/7 access via myTROX portal
- LCC tool to determine the expected operating costs
- *Output of CO₂ emissions with a known energy mix possible