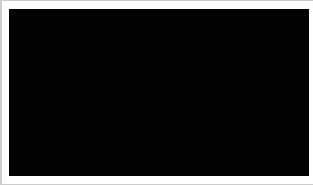


## X-CUBE X2: STABLE AND SMART



### IDEAL FOR SOLUTIONS UP TO 25,000 M<sup>3</sup>/H

The X-CUBE X2 is a newly developed series for small to medium volume flow rates, designed specifically by TROX to extend the X-CUBE range.

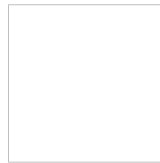
It provides low and medium volume flow rates, **can be configured to virtually any application** and comes with a range of new features. One new feature is the **X-CUBE Configurator**, a web-based tool that helps you with selecting and sizing air handling units.

### THE HIGHLIGHTS AT A GLANCE

- Freely configurable units and pre-configured compact solutions
- Good mechanical strength of the unit base
- Excellent hygiene properties thanks to smooth internal surfaces and small clearances
- Intuitive operation and integration into building management systems using the control software X-CUBE control 2.0

### CLASSES IN ACCORDANCE WITH EN 1886

- Thermal transmittance class T2
- Thermal bridging class TB2
- Casing leakage L1
- Stability D1



## YOU HAVE THE CHOICE

### THE ENTIRE SOLUTION: X2 FREELY CONFIGURABLE

- In 25 sizes
- For volume flow rates from 600 to 25,000 m<sup>3</sup>/h (0.17 to 6.9 m<sup>3</sup>/s)
- Suitable for all air treatment processes
- Heat recovery: per rotary heat exchanger, plate heat exchanger or RAC system

### THE FAST AND EFFICIENT SOLUTION: X2 COMPACT PRE-CONFIGURED

- In 12 sizes
- For volume flow rates of 600 to 15,000 m<sup>3</sup>/h (0.17 to 4.2 m<sup>3</sup>/s)
- Fast availability and high efficiency
- Latest EC fan technology with peak efficiencies of up to 75%.
- Heat recovery: by means of rotary heat exchanger or counter flow plate heat exchanger.
- Expansions of functionalities are possible at any time.



## SMART CONTROL WITH X-CUBE CONTROL 2.0



## ENERGY EFFICIENCY WITHOUT COMPROMISE

The X-CUBE X2 is equipped with the new control unit X-CUBE control 2.0.

The unit can be operated using a high-performance touchscreen, and can be connected to the TROX systems X-AIRCONTROL, TROXNETCOM and X-TAIRMINAL.

The monitoring functions of X-CUBE control 2.0 with automatic status messages make for convenient system control around the clock.

The X-CUBE is seamlessly integrated into the **central building management system** via BACnet IP or Modbus TCP/IP. Thanks to its universal connectivity, the output of the air handling unit can be controlled based on demand.

## MODULAR AND EQUIPPED FOR THE FUTURE

The controls are of modular design. This provides the utmost flexibility and allows for expansion at a later date.

**TROX Cloud Connectivity** from X-CUBE control 2.0 makes the X-CUBE X2 IoT-compatible. In the future, this will open up important potential, for example through remote maintenance and predictive maintenance.

## FAST AND SIMPLE CONFIGURATION OF AIR HANDLING UNIT

### FOR ANYWHERE IN THE WORLD

The web-based **Online Configurator for AHUs** lets you configure your air handling unit in a simple manner based on your parameters. All you need is a web browser.

You specify the type of installation and heat recovery and enter the key **sizing points** (volume flow rate, external pressure demand, air temperatures, humidity), the desired air filtration and the required heating or cooling capacity.

In just a few seconds, the system will determine the best possible unit design and project the lifecycle costs for the **specific location**.

The **wide range of output options** provides support for further work. Drawings, data sheets and specification texts are produced and available to download. It is possible to create BIM files using the TROX CAD browser.

