



TKM 50 HE

SERIE TKM 50 HE

TKM 50 HE: UNLIMITED COMPONENT CONFIGURATIONS

The TKM 50 HE series air handling units have been designed for airflow rates up to 65,000 CFM (110,000 m³/h), with the standard sections a full range of this equipment.

Manufactured by TROX in four plants worldwide, the TKM is globally available.

The unit can be adapted to local needs and components selected as requested by the end-users.

They stand out for being built with a frame of aluminum profiles with thermal bridge break. The 2 inches (50 mm) thick sandwich panels are made with gauge 20 (1 mm) steel, Rockwool, and a thermal break. The Rockwool's thermal insulation gives the unit also class A1 fire-resistance rating.

This equipment is ideal for a wide variety of installations, such as:

- Data Centers
- Hospitals
- Pharmaceutical industries
- Hotels
- Office buildings
- Auditoriums, etc.

Execution EU

The TKM 50 HE series can be supplied with the EUROVENT certification.

Please consult for further details.

This certification guarantees that the equipment installed will function as per design specification, and the energy consumption will attend the initial specification.

The EU version of the TKM 50 HE series is certified for airflow rates up to 65,000 CFM (110,000 m³/h) and is accessible for selection from the YAHUS EU software.

EN 1886

AHRI 1350**

Class of thermal transmittance

T2

CT1 / CT2

Class of thermal bridge

TB2

CB2

Class of casing leakage

L1

CL3

Casing deflecting rating *

D2

*

Filter bypass class

F9

F9

** Estimated as a function of the EN1886 certification

* Testing is done differently; a direct comparison is not possible