

Low-profile air handling units

UTBS Series

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The UTBS are low profile air handlers designed specifically for installation in false ceiling.

The range includes 4 different sizes for airflows between 500 and 8000 m³/h:

- UTBS-2: airflow from 500 to 1700 m³/h and 360 mm height.
- UTBS-3: airflow from 1200 to 3000 m³/h and 410 mm height.
- UTBS-5: airflow from 2400 to 5000 m³/h and 410mm height.
- UTBS-8: airflow from 4000 to 8000 m³/h and 500 mm height.

The framework is made of extruded aluminium profiles and reinforced nylon corner joints.

Double skin sandwich panels with 25 mm mineral wool insulation (good thermal and acoustic performance).

Plastic coated outer panel and galvanised steel inner panel.

High performance backward curved centrifugal, direct driven fans (plug fans) dynamically balanced.

High efficiency three phase motors with protection IP54 and insulation class F. Motors are designed to work with a frequency drive.

Motors equipped with thermal protection (PTO).



Components / Moduls:

- Chilled water coils with stainless steel drip tray and droplet eliminator.
- Heat exchanger.
- By-pass for free-cooling.
- Sound attenuators.
- Mixing box.
- Filter box.
- Plenum box.

In order to meet ErP requirements, Frequency converter must to be delivered with each UTBS. Try the suitable frequency converter according to selected motor power, and installation conditions (See table of accessories).

Technical data