



Air handling units type CTA în construcție ATEX

Air handling units for indoor (HERA) or outdoor (TALIA) use. The range consists of 13 sizes and covers an air flow range from 500 up to 125000 m³/h. Many configurations are available in terms of air treatment such as heat recovery, water- or electrical heating, water- or DX-cooling, filtration...

Application

- Air treatment of commercial and industrial applications.
- Air filtration.
- Heating (water or electrical).
- Cooling (water or DX).
- Heat recovery (cross flow or rotary heat exchanger).
- Vertical or horizontal installation.
- Indoor mounting.

Composition

- Structure with aluminium profiles and corners.
- Double skinned removable panels allowing any type of installation:
 Outer layer: galvanized steel plate (0,5mm).
 Insulation : - high-quality glass wool 35mm M0 60-80kg/m³,
 - polyurethane 35mm 30-50kg/m³.
 Inside in: - galvanized steel plate (HERA and TALIA),
 - inox or epoxy coated steel plate (KALIOPE).
- Internal elements access panel equipped with security bolt.
- Rectangular connections.

Fan

- Single inlet centrifugal fan.
- Direct-driven motor IP 55 classification F with thermal protection PTO.
- Complete fan and motor frame mounted on anti-vibration mounts.
- Impeller: backward curved blades, epoxy coated.

Filter

- Pre-filters, folded filters and bag filters are available.
- Mounted by means of clips.
- Filterclass: EU3 until EU9.

Classification

- Mechanical strength: 2A
- Air tightness: 3A
- Thermal insulation: T4
- Thermal bridge: TB3
- Filter bank air leakage: F7 (1,57%)

Accessories

- Frequency convertors (Danfoss).
- Flexible connections.
- Valve registers.
- Roof (TALIA).

Configuration Mono

- Air handling units for supply or exhaust.

Configuration Stand

- The air handling unit sections are placed next to each other. The supply and exhaust units are separated by a side wall.

Configuration Top

- The air handling unit sections are placed above each other. The supply and exhaust units are separated by the floor.

Prices

Prices of these and other Air Handling Units are available on request