



# LOW-PROFILE AIR HANDLING UNITS

## UTBS PRO-REG Series

### UTBS-PRO-REG



The UTBS are low profile air handling units designed specifically for installation in false ceiling. 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. Different combinations of water and direct expansion coils and electric batteries.

#### Motors

- Plug fans with AC 3-phase motors, class F.
- UTBS-2 and 3 models are equipped with one fan and UTBS-5 and 8 have two in-parallel fans.
- Supply power of fan via built-in frequency converter.

#### Filters

F7 Filter supplied with the unit. Possibility of mounting a second filter (accessory).

Filter with low pressure drop.

Components/modules:

- Sound attenuators
- Filtering boxes
- Mixing boxes

#### + Attributes



**Robust construction**  
High quality finishing with aluminium profile structure, providing a robust and tight assembly.



**Clamping system**  
Via articulated arm, that allows maximum tightness of the filtering section.



**CONTROL**  
UTBS PRO-REG includes integral operating control. It includes manual or automatic control of the fan for VAV, CAV or COP modes:



**Easy access to filters**  
Access to change the filters by the side or bottom panel.

#### VAV- variable air volume

Fan speed can be adjusted via analogue 0-10V signal.

#### CAV - constant air volume

Fan speed can be adjusted to allow a constant airflow.



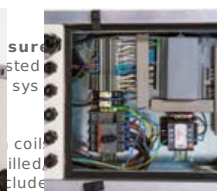
**Condensate drip tray**  
Versions with stainless steel water and direct expansion coils with side outlet.



**Fans**  
Built-in Plug-fans with backward curved impeller controlled via frequency converter.



**Heater Batteries**  
Possibility of integrating water or expansion coils and electric batteries.



**Integrated control**  
Integrated electronic control, inside the unit.

\* See complete table of control functionalities.

