



## Main Topics on NEW FCUS UNITS

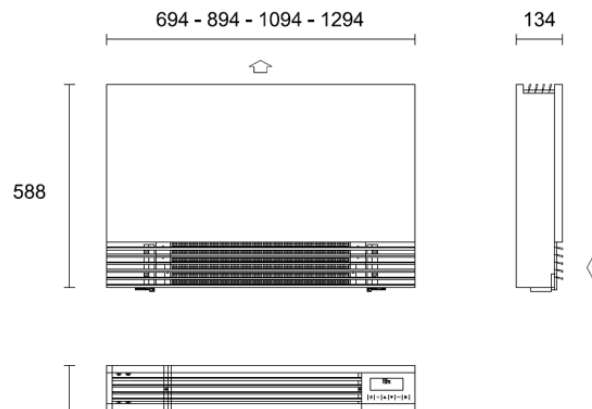
[www.biniclima.eu](http://www.biniclima.eu)

March 2017

# Slim Fancoil

## PLUS

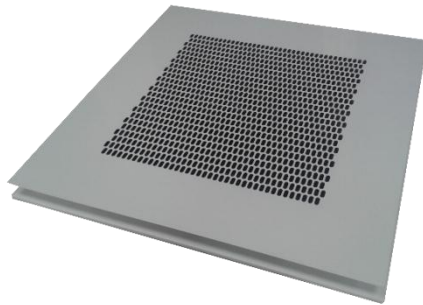
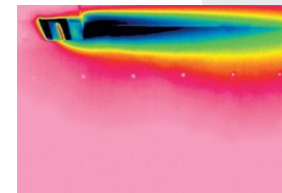
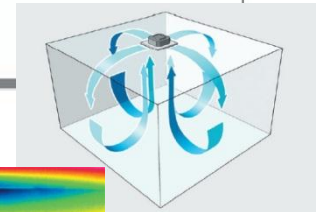
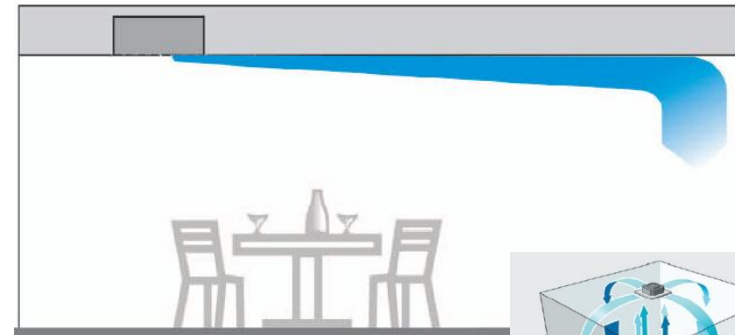
- Unique structure for **super slim** and **super quite**
- Balanced **high efficiency DC fan system** for super low noise
- Heat exchanger with **hydrophilic coated aluminum coil** and inner grooved copper tube
- Casing in pre-painted galvanized metal sheet, complete with insulation, **grilles in high quality aluminum alloy**
- Condensation collection tray with natural drainage, complete with **anti-condensation insulation**



# New 4-way Cassette Coandă effect

## PLUS

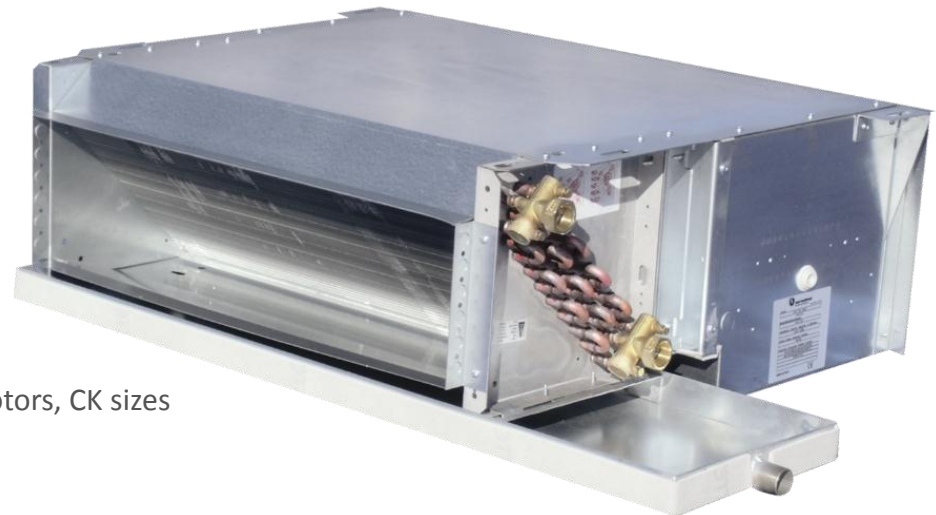
- New galva panel (*any kind of RAL available*)
- Horizontal air diffusion
- No stratification of the air in the room
- No air on People's neck



# New ducted CK units

## PLUS

- **Higher Performance** than CR units
- External Static Pressure **up to 150 Pa** instead of 100 Pa
- **Complete fan deck:** motors directly coupled with fans (sizes from 17 to 32 have multiple fan deck ⇨ *in case of failure the other fans keep blowing...*)
- **Easier maintenance:** fan group can be replaced singularly from bottom panel directly on site
- **5 speeds** directly coupled inside the motor **without transformer**
- **Savings** due to higher performance of fans and motors, CK sizes results smaller compared to equivalent CR units
- **Comply ERP 2015**
- Available **Double Skin** (DS version)



# New ducted TB units

## PLUS

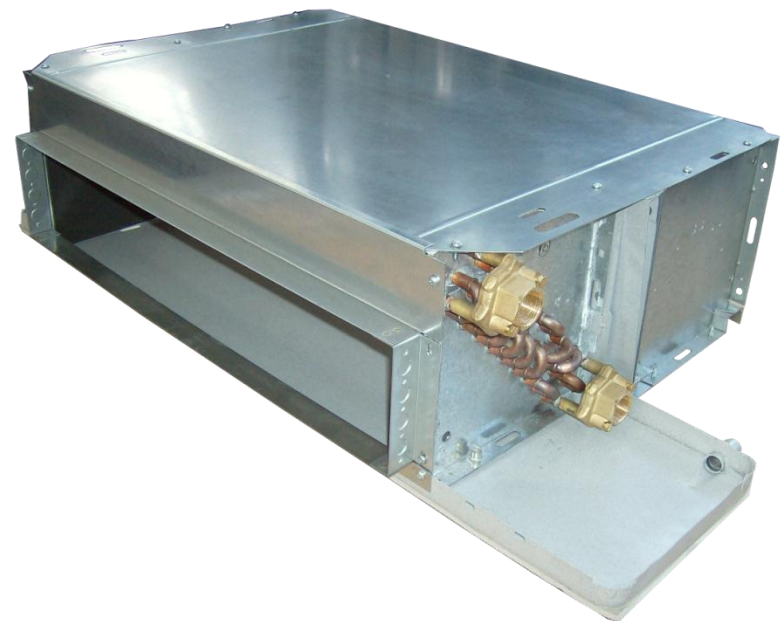
- **Higher performance** than TO units
- **Reduced dimensions** (height 394 mm instead of 420 mm, thickness 650 mm instead of 880 mm)
- External Static Pressure **up to 180 Pa** instead of 120 Pa
- **Complete fan deck** with motor inside (galva sheet + fans + motors)
- **5 speeds** directly coupled inside the motor instead of only 3 in TO units
- **Extended drain pan** included (in TO units auxiliary drain pan was mandatory)
- **Reversible coil** ⇨ *counter flow is maintained even switching the coil's water connections side*
- **Saving around 12% in price** due to higher performance of fans and motors it's possible to reduce TB size than TO size
- **Comply ERP 2015**
- Available in **Double Skin** (DS version)



# New ducted FK units

## PLUS

- **Higher performance** than FH units
- External Static Pressure **up to 120 Pa** instead of 50 Pa
- **Complete fan deck:** motors directly coupled with fans (have multiple fan deck ⇨ in case of failure the other fans keep blowing...)
- **Easier maintenance** (*fan group can be replaced singularly from bottom panel directly on site*)
- **7 speeds** (*with transformer*)
- **Savings** due to higher performance of fans and motors, FK sizes results smaller compared to equivalent FH units
- **Comply ERP 2015**



# Ducted TE Double Skin

## PLUS

- **Very low** sound level (DS units)
- **Compact** dimension
- **EC motor** with high **ESP 400 Pa**
- **Monophasic** motor (*can be controlled with simple thermostat wall mtd*)
- Airflow from **3.000** to **8.500** m<sup>3</sup>/h (*can be used instead of little AHU*)
- Coils up to **6+1 rows** available

400 Pa



# BMS Electronic thermostat

(Building Management System)

## PLUS

- Communication via **RS485 (Modbus o BACnet)**
- Fast and safe configuration with **Evolution tool** free software
- **Easy installation**
- **AC motor (on/off)** and **DC motor (0-10 V)**
- **Keycard inlet, windows control, CO<sub>2</sub> and humidity probe, automatic change over**
- **Clock** to set time slots

