

Cassette Fan Coils CF

Technical Specifications

1. General Requirements

Cassette fan coils Konveka CF or equivalent, designed for heating and cooling applications.

2. Casings

Casings are manufactured from galvanized steel. Decorative panels are manufactured from ABS plastic. Integrated automatically adjustable air distribution louvers in four directions. Integrated LED display for temperature and operating mode indication. Service openings provided for filter and electrical component maintenance.

3. Fans

Centrifugal fans with EC type motors. Fans shall be dynamically balanced and protected against vibration transmission to the casing.

4. Filters

Washable synthetic air filters supplied as standard. Filters shall be easily removable for maintenance.

5. Controls

Fan coils are supplied with infrared remote controllers. Provision shall be made for connection of wall-mounted controllers and integration into building management systems (BMS).

6. Heat Exchangers

Heat exchangers are manufactured from copper tubes and aluminium fins. Factory test pressure – 30 bar, maximum allowable working pressure – 25 bar. Heat exchangers are equipped with air vents.

7. Condensate Collection

Integrated thermally insulated condensate drain tray with drain connection fitting. Integrated condensate pump capable of lifting condensate up to 600 mm and condensate level sensor.

9. Bill of Quantities Description

Cassette fan coils Konveka CF or equivalent, designed for heating and cooling, with:

- galvanized steel casings;
- ABS plastic decorative panels;
- four-way air distribution;
- automatically adjustable air distribution louvers;
- EC type fan motors;
- 0–10 V fan control;
- washable air filters;
- infrared remote controller;
- possibility to connect wall-mounted controllers;
- possibility to integrate into BMS systems;
- copper–aluminium heat exchangers;

- integrated thermally insulated condensate drain tray;
- integrated condensate pump capable of lifting condensate up to 600 mm;
- integrated condensate level sensor;
- maximum allowable working pressure 25 bar;
- all fixing accessories required for installation.

The heating and cooling capacities of the units shall be certified by an independent accredited laboratory according to European standards EN 14511 and EN 1397.