

Wall Mounted Fan Coils HWF

Technical Specifications

1. General Requirements

Wall mounted fan coils Konveka HWF or equivalent, designed for heating and cooling applications.

2. Casings

Casings are manufactured from galvanized steel and ABS plastic. The front panel is removable for maintenance and filter cleaning. Integrated LED display for temperature and operating mode indication. Air discharge direction is controlled by automatically adjustable louvers.

3. Fans

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

4. Filters

Washable synthetic air filters are supplied as standard. Filters shall be removable without special tools.

5. Controls

Fan coils are supplied with infrared remote controllers.

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 1/8" air vents. Tubes and fittings are brazed using copper–silver–phosphorus alloy filler material.

7. Condensate Collection

Integrated condensate drain tray made of thermally insulated plastic. Provision for condensate pump connection.

8. Bill of Quantities Description

Wall mounted fan coils Konveka HWF or equivalent, designed for heating and cooling, with:

- EC type fan motors;
- 0–10 V fan control;
- washable air filters;
- infrared remote controller;
- possibility to connect a wall-mounted controller;
- possibility to integrate into BMS systems;
- automatically adjustable air distribution louvers;
- copper–aluminium heat exchangers;
- integrated condensate drain tray;
- 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.