

ROOM FAN COIL UNITS



Air treatment

IDROFAN.

42N

Accessories

- Supporting feet
- Supporting feet and cover panel
- Return air grille for cabinet unit
- Rear closing panel
- Cabinet on concealed units,
- Discharge air sleeve (concealed units only)
- Supporting brackets
- A and B-type thermostats
- Special installation kit
- Cold draught prevention kit - all two-pipe sizes
- Automatic changeover switch
- Air sensor with 15 m cable
- Water sensor kit with 15 m cable
- Infrared remote controller and infrared remote receiver kit
- ZUI1 or ZUI2 interface
- SUI1 or SUI2 (with/without fan speed selection)

Features

- Eleven sizes with two-pipe, two-pipe changeover or four-pipe coils, with an air flow range from 35 to 422 l/s, a cooling capacity range from 0.8 to 6.4 kW, and a heating capacity range from 1.1 to 9.5 kW.
- The 42N_S is available with a new-generation three- or five-speed AC motor. The 42N_E is available with a variable-speed low energy consumption EC motor.
- Concealed or cabinet chilled-water fan coil system, designed for vertical and horizontal installation in a room or above a false ceiling.
- Economical cooling and heating for hotels, commercial and residential applications.
- Cabinet version complete with control terminal.
- Combines aesthetic slim-line design with high installation flexibility.
- Two fan types, a tangential fan for ultra-low noise level and a centrifugal fan for high air distribution system compatibility.
- Factory-mounted PTC electric heater with low and high capacity settings.
- Low hydraulic pressure drop with a valve mounted.
- Quick installation with factory-mounted options (controls, valves).
- LEC models enhance unit performance offering reduced energy costs, improved comfort, maximum flexibility and extended operating life.

Standard controls

Electronic thermostat

- Two versions, A and B, with potentiometer
- Automatic or manual three-speed selection
- Automatic or manual change-over
- Electric heat control
- Comfort/economy/frost protection modes



HDB controller

- Digital display or infra-red terminal
- Unit grouping capability
- Adjustable settings and parameters
- Timer and daily scheduling



NTC communicating controller

- Network communication
- Aquasmart Evolution system compatible
- IAQ and DCV management
- Motorised blinds & lighting control



