



Integrated FCU

- > Fan Coil Unit
- > Two Deck Configuration
- > Cupboard Installation

APPLICATION

A new fan coil arrangement splits the fan deck and coil assembly into two separate decks or units to give an enormous range of very quiet and space saving applications.

APPLICATION EXAMPLES

- Apartments
- General residential
- Offices
- Hospitals
- Educational Buildings
- Hotels
- Leisure Industry buildings

DESIGN

Lower Deck

Cooling and heating coil, waterside control valves, all piping, filters and controls. The controls for the unit could be remotely sited.

Upper Deck

This is where the fans are installed and utilising space saving state of the art electronically commutated motors.

Connecting Duct

This is a rectangular pre-insulated self-supporting duct no more than 100mm deep and could span up to 3000mm height. This provides the air path and connects the lower and upper deck.

FEATURES

- The fan coil incorporates a large slow running EC motor which is horizontally mounted and in operation is very quiet.
- The performance of the unit is typically 2.5kW cooling at NR25.
- A range of capacities exist dependant on client requirements, chilled water temperatures and NR levels.

