

Magister



Range :

5 chilled water (CW) models and 4 direct expansion (DXA) models

UNDER: Return from above and supply into the raised floor.

OVER: Return from front and supply from above.

- CW : Vertical chilled-water air handling unit.
- DXA : Vertical self-contained unit with air condensation unit (R410A fluid).

Range of use :

Cooling capacity: 10 to 116 Kw

Air flow rates: 3,000 to 27,500 m³/h

Use :

Vertical self-contained air conditioner specially designed for spaces with high heat loads or sensitive rooms (data centres, computer rooms, switch rooms, etc.).

Magister boasts a sleek design that blends seamlessly with any space. Its built-in technologies - self-regulating control that adjusts to room loads and electronically commutated motor - keep its energy consumption down.

The fan* also has a Modbus card which allows faults and settings such as the actual power input, current, rotation speed, etc. to be transmitted.

*CW only



Description :

- Packaged unit
- Double-skin panels with M0/A1 insulation, galvanised base and aluminium frame
- G4 or F7 filter
- Cooling provided by a chilled-water coil fitted with two-way or three-way valve
- Plug fan coupled with an EC motor with Modbus card integrated (CW only)
- Heating provided by hot-water coil or electric heater
- Steam humidifier
- Complete electrical cabinet, CIAT µAIR CONNECT 2 control
- A wide range of options
- Free cooling module (option) takes in fresh air from outside
- Outdoor unit (DXA model):
 - CONDENCIAT CD air condensation unit
 - Power supply: Three-phase 400V / 50 Hz + T.
 - SCROLL heat compressor
 - HP safety pressure switch 2-speed IP54 motor
 - Coil protection grille
- Easy, quick installation
- Easy maintenance, easy-remove filters, all components accessible from the front
- Simple to use, low power consumption
- Twin-wall construction, filter check, increased solidity
- High-efficiency heat exchange coil
- Controlled by a networked PLC system
- Uses an environmentally friendly, non-ozone-depleting refrigerant
- Easy maintenance (no work inside the room)
- No noise in the room
- No loss caused by the compressor
- Easy maintenance (no work inside the room)

Comfort • Air quality • Energy optimisation

