

# Expair



## Range :

- Chilled water model (CW) - 7 sizes
- Direct-expansion air-cooled model - 11 sizes

Up flow ('over') or Down flow ('under')

## Range of use :

Cooling capacity: 5 to 50 kW

Air flow rates: 1000 to 12000 m<sup>3</sup>/h

## Use :

Specially designed for the air-handling needs in small and medium-size corporate data centres.

## Description :

- Packaged unit (CW) or split-system unit (DXA)
- Double-skin panels lined with compressed glass wool, exterior with RAL 7035 painted finish
- G4 filter as standard. F7 filter or G4+F7 combined filter optional.
- Chilled-water coil fitted with two-way or three-way valve (CW)
- Direct-expansion cooling coil, one or two refrigerant circuits, one or two scroll compressors, R410A refrigerant, with CL air-cooled condenser with condensing pressure controlled by the fan speed
- One to three direct-drive centrifugal fans, variable frequency drive
- Heating provided by hot-water coil or electric heater,
- Steam humidifier (1 to 8 kg/h)
- Complete electrical cabinet can be fitted with or without a CIAT  $\mu$ AIRCONNECT or Carel electronic controller.
- Condensate pump optional
- Continuously monitors the air flow and filter blockage level