

CDC Evolution

New Air Handling Unit

CDC-EV 428 to 1020

 30 000 to 100 000 m³/h



5 models for an air flow range from 30 000 to 100 000 m³/h.

EUROVENT classified.

Framework composed of:

- rigid and light **corners made of polycarbonate reinforced by glass fibers**,
- **aluminium or composite** (light, strong, no risk of corrosion, thermal bridge free) **frame profiles**.

Double skin 50 mm thick panels (pre-painted RAL 9010 outer skin and galvanized inner skin) with:

- large choice of panel finish : pre-painted with special colour, stainless steel or aluminium,
- different types of insulation : fiberglass, rock wool or polyurethane foam.

Panels fixed on frame profiles fitted with compressible lip gaskets.

Sections like filter, fan or inspection, are equipped with **tight access doors**. Each access door is fitted with **non-corrosive polyamide axially offset hinges** and **thermal bridge free type handles with progressive tightening**.

Fan section is characterized by the presence of:

- **flexible connector** between fan outlet and panels,

- belt tension adjustment through **notched type tensioning device**,
- **unremovable hinged drive guard** behind access door for worker protection.

Cooling coil section is fitted with a **removable sloped drain pan** capable of eliminating all water retention. Drain pan is mounted on sliding rails for easier removal.

Tightness between high efficiency filters and filter holding frame is guaranteed by action of **compression handles** on sliding rails.

Choice of dampers, 3 types:

- class 1 standard type,
- class 3 low leak type,
- class 4 low leak type.

Wesper[®]

