DFCV

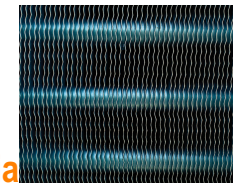
Dry and adiabatic cooling

Construction details

1. Material options

- Heavy-gauge hot-dip **galvanized steel** is used for unit steel panels and structural elements featuring **a zinc aluminium coating.**

2. Heat transfer media



- The V-shaped finned coil is constructed of **staggered and seamless copper tubes** (15,9 or 12,7 diameter) with aluminium, rippled and corrugated fins (0,14 or 0,17 thickness).
- **2,5 mm fin spacing** for optimal air turbulence
- Thick and seamless copper headers and threaded steel connections
- Pressure tested at 15 bar
- **Try our options for aggressive environments**: special pre-coated anti-corrosion aluminium fins or copper fins (0,2 mm thickness).

3. Air movement system

- **Axial fan** with exceptionally **compact** direct drive short integrated **motor** and fan guard.
- The fan features an **impeller and motor** and is balanced as a complete unit using dynamic single plane balancing. Balance grade is G6.3.
- Fan and motor totally **maintenance free**.
- **Bearings seals and motor encapsulation** for long service life.

Like to know more about the DFCV dry cooler construction details?
Contact your local BAC representative.