DFCV-AD

Previous generation products





Key benefits

- Boosting thermal performance
- Saving water
- Top hygiene control

DFCV-AD, TrilliumSeries characteristics

Counter flow, adiabatic pre-cooling, axial fan, induced draft

Capacity range

220 - 1620 kW

Maximum entering fluid temperature

60°C

Typical applications

- Small to medium HVAC and industrial applications
- Locations with limited water and space availability
- High temperature industrial applications

Boosting thermal performance

- Pads in front of the finned coil pre-cool air to virtual wet bulb temperature.
- Up to 40% improved capacity compared to dry cooling.
- TrilliumSeries coolers consume less energy.
- TrilliumSeries coolers achieve low process temperatures.
- Try the cooler with **EC motor** and improved pre-cooler performance resulting in **lower sound levels** and **25% lower electrical consumption**.

Saving water

- TrilliumSeries coolers **achieve annual water savings exceeding 80%** water compared to normal cooling towers by limited adiabatic operation.

Top hygiene control

- Featuring a **once-through system**: recirculation and stagnation of water eliminated.
- **No stagnant water**: pre-cooler water conveyed from pads to sewer via a gutter.
- **No aerosol formation:** TrilliumSeries Coolers minimize the Legionella risk.
- TrilliumSeries Coolers cool incoming air **without transferring water** to the dry coil

Interested in the TrilliumSeries cooler to cool your process fluid? Contact your local BAC representative for more information.

Downloads

- DFCV-AD dry cooler
- Operating and Maintenance DFCV - DFCV-AD
- Rigging and Installation DFCV - DFCV-AD
- Operating and Maintenance DFCV-EC-AD
- Rigging and Installation DFCV-EC-AD
- TrilliumSeries Cooler - brochure