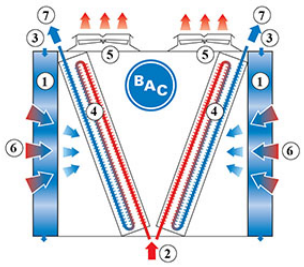
Principle of operation

Previous generation products

Principle of operation

The DFCV-AD is a V-shaped dry cooler equipped with **adiabatic pre-coolers (1)** that cool the warm **process fluid (2)** by sensible heat transfer. **Water flows (3)** evenly over evaporative cooling pads located in front of the **dry finned coil (4)**. At the same time **axial (5) fans** draw **air (6)** through the pads where a portion of the water evaporates and cools down the saturated air. This increases the cooling capacity of the incoming air for cooling the process **fluid (7)** inside the coil.



View the animated operation of the TrilliumSeries.

Want to use the DFCV-AD TrilliumSeries cooler to cool your process fluid? Contact your local BAC representative for more information.

This file has been generated from the BAC website on: 29/03/2024
For more up to date information, visit: https://www.baltimoreaircoil.eu/en/products/DFCV-AD-principle-of-operation