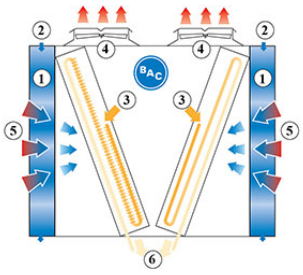
Principle of operation

Adiabatic cooling

Principle of operation



The DCV-AD is a V-shaped condenser with **adiabatic pre-coolers (1)**. **Water flows (2)** evenly over the pads located in front of the **dry finned coil (3)**. At the same time **axial fans (4)** draw **air (5)** 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 and condenses efficiently the **vapour (6) into liquid** inside the coil.

View the animated operation of the TrilliumSeries.

Interested in the DCV-AD TrilliumSeries condenser for your refrigeration project? Contact your local BAC representative for more information.

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For more up to date information, visit: https://www.baltimoreaircoil.eu/en/products/DCV-AD-principle-of-operation