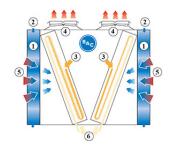


## **Principle of Operation**

## Adiabatic cooling

## **Principle of Operation**

The TVC 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.



Interested in the TVC TrilliumSeries condenser for your refrigeration project? Contact your local <u>BAC representative</u> for more information.