

TVC

Adiabatic cooling



Key benefits

- High thermal performance
- Saving water
- Top hygiene control



TVC, TrilliumSeries characteristics

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

Capacity range

340 - 1030 kW

Typical applications

- Small to medium industrial refrigeration applications
- Locations with limited water and space availability



Boosting high 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.
- TVC condenser consumes **less energy**.
- TVC condenser achieves **low process temperatures**.

Saving water

- TrilliumSeries condensers **achieve annual water savings exceeding 80%** water compared to normal water cooled condensers 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 condensers minimize the Legionella risk.
- TrilliumSeries condensers cool incoming air **without transferring water** to the dry coil

Interested in the TVC TrilliumSeries condenser for your refrigeration project? Contact your local [BAC representative](#) for more information.

Downloads

- [TVC Refrigerant condensers](#)
- [Maintenance TVC](#)
- [Rigging TVC](#)