SP SpartiumCooler

Dry and adiabatic cooling





Key benefits

- Cheaper to ship and install
- Water saving
- Top hygiene control

SpartiumCooler
one of the TrilliumSeries

SP SpartiumCooler characteristics

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

Capacity range

340 - 1560 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

Cheaper to ship and install

- SpartiumCoolers fit on **standard trucks**.
- **Pre-coolers are factory-installed** and small cranes are all you need to mount coolers on-site.

Water saving

- SpartiumCoolers 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:** SpartiumCoolers minimize the Legionella risk.
- SpartiumCoolers cool incoming air **without transferring water** to the dry coil.

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.
- SpartiumCoolers consume **less energy**
- SpartiumCoolers achieve **low process temperatures.**
- Try the cooler with **EC motor** and improve pre-cooler performance resulting in **lower sound levels** and **25% lower electrical consumption**.

Interested in the SpartiumCooler for cooling your process? Contact your local BAC representative for more information.

Downloads

- SP Spartiumcooler
- SP SpartiumCooler
- Operating and Maintenance SP
- Rigging and Installation SP SpartiumCooler
- Operating and Maintenance SP EC
- Rigging and installation SP EC