



SAVE MONEY WITH TRILLIUMSERIES COOLERS



YOUR KEY BENEFIT

High return on investment



✓ **Less energy consumption:** up to 40% more cooling capacity compared to classic dry cooler



✓ **Annual water savings** exceeding 80% compared to open cooling towers



✓ **Low operating and maintenance costs:**

- no water treatment
- no coil scaling

SAVE EVEN MORE ENERGY and enjoy the SILENCE with TrilliumSeries coolers and SpartiumCoolers with EC MOTORS



TrilliumSeries
Cooler



More than 90%
pre-cooler
efficiency

SpartiumCooler
one of the TrilliumSeries



Verified sound
data

Benefits of TrilliumSeries coolers and SpartiumCoolers with EC MOTORS



Optimal thermal performance

- ✓ Improved pre-cooler efficiency to achieve very low process temperatures
- ✓ Optimized fan and motor design offering up to 12% higher performance at full speed



Low sound

- ✓ Optimized fan and motor producing less noise.
- ✓ Third party verified sound data



Saving water and energy

- ✓ Save energy with optimized fan and motor design
- ✓ Annual water savings exceeding 80% compared to normal cooling towers by limited adiabatic operation



Operational safety

- ✓ No stagnant water
- ✓ No aerosol formation



Flexible installation, operation and maintenance

- ✓ Possibility to communicate directly with the motors over the BMS system
- ✓ No longer VFD required
- ✓ Less operating and maintenance costs :
no coil scaling, no water treatment
- ✓ Low pressure drop coils
- ✓ Indoor installation possible
- ✓ Operation in extreme low temperatures possible (up to -40°C)



Year-round reliable performance

- ✓ Pre-cooler pad technology guarantees predictable performances
- ✓ Clean coil for reliable lifetime performance
- ✓ Less operating costs
- ✓ Operational safety by once through system

