

Sustainability in Heat Rejection

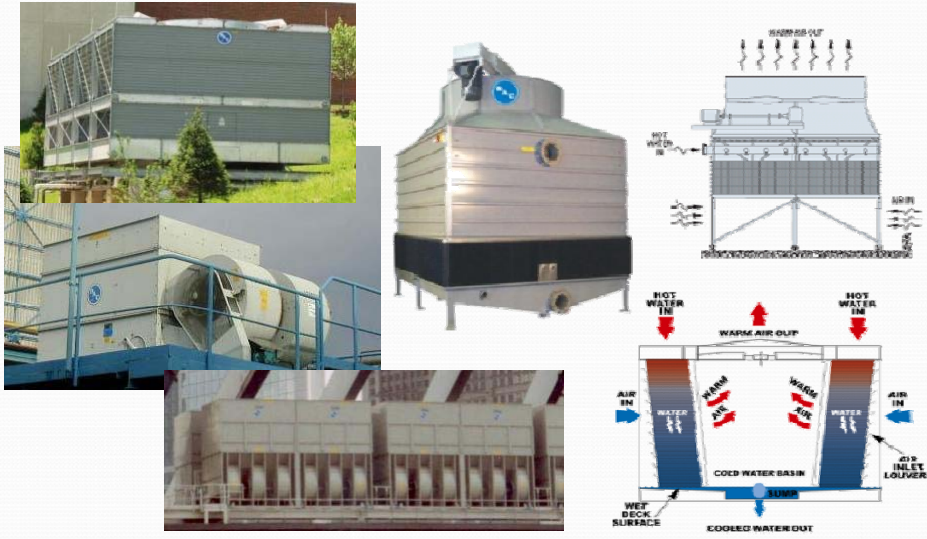
Tim Facius
Vice President, Global Product Marketing
Baltimore Aircoil Company
September 2012

Today's Heat Rejection Choices

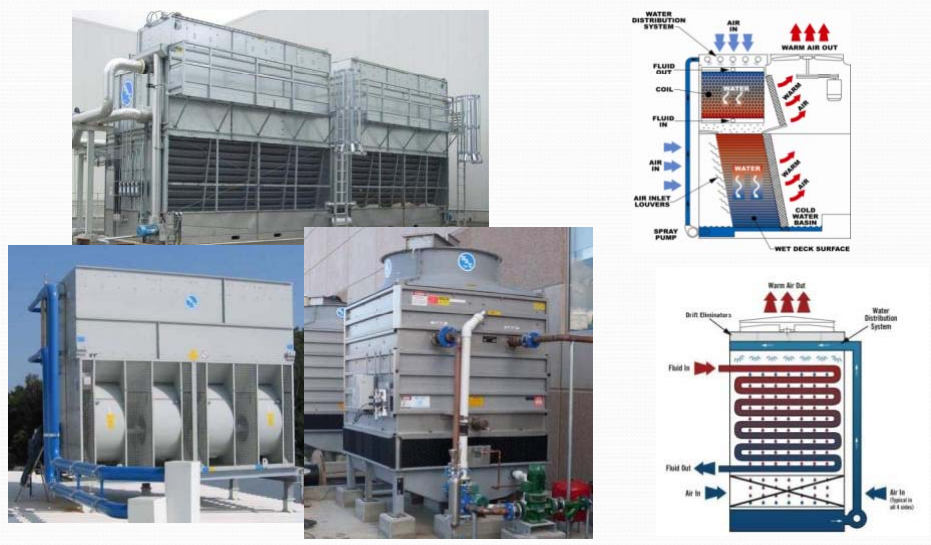
- Evaporative
 - Open circuit
 - Closed Circuit
- Dry
- Hybrid Wet/Dry Combinations



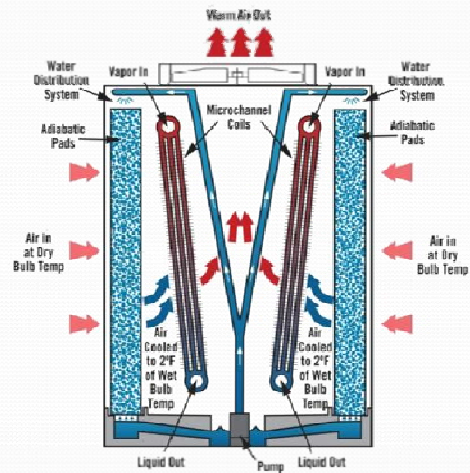
Open Circuit Cooling Towers



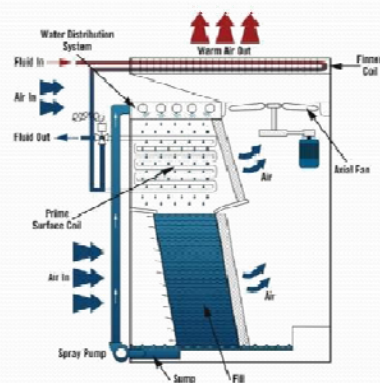
Closed Circuit Cooling Towers



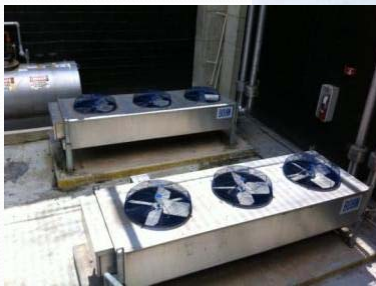
Hybrid Heat Rejection - Adiabatic



Hybrid Heat Rejection - Evaporative



Heat Rejection - Dry



Key Considerations in Sustainable Heat Rejection

- Energy / Carbon Footprint
- Maintainability / Hygiene / Safety
- Longevity
- Sound
- Water Use

