

Seawater Cooling Tower

For Seawater cooling tower, Seagull has specially developed a software to optimize the calculation of performance by integrating the data of modulus test, which was done specially for the similar condition as the one in project site. Such, it guarantees the provided sea water cooling tower with high thermal performance efficiency and allow the whole circulation water system operating with high efficiency, reliability and safety.

The sea water cause corrosion on the metal materials, so, it is recommended to use the non-metal material like FRP, PVC and ABS for fabricating the fan stack, drift eliminator, water distribution pipe, and filling. The non-metal materials protect against the sea water corrosion. To eliminate the mildew and the bacteria growth, an imported special agent with function of anti-mildew will be mixed into the raw material in order to eliminate the mildew and the bacteria growth on the surface of components of cooling tower.

The exposure surface of gearbox, fan hub, motor and the mechanical support, will be coated by special coating to prolong the service life of mechanical equipment in sea water condition.

Advantage

- fresh water conservation
- Reduced ocean thermal pollution
- Long life span
- Corrosion Resistance

