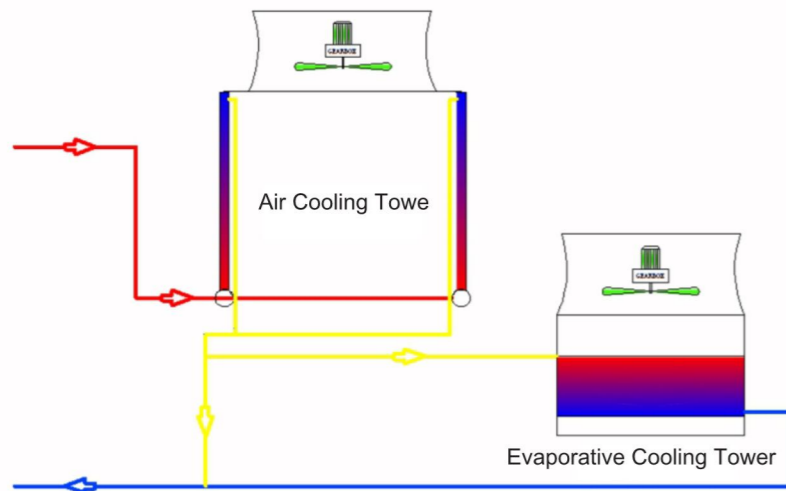


# Dry and Wet Combined Closed Cooling System

The air cooling and evaporative cooling are combined and optimized, and the air cooling part and the evaporative cooling part are rationally proportioned according to the ambient temperature and process cooling characteristics. If the temperature is higher than the designed temperature to cut off water supply, evaporative cooling is the principal part for heat exchange and air cooling is the assistant part, and so most of thermal load is borne by evaporative cooling. If the temperature is lower than the designed temperature to cut off water supply, air cooling is the principal part for heat exchange and evaporative cooling is the assistant part, and so most of thermal load is borne by air cooling. The system can save water and electricity for users to the greatest extent, and achieve the purpose of comprehensive energy saving.

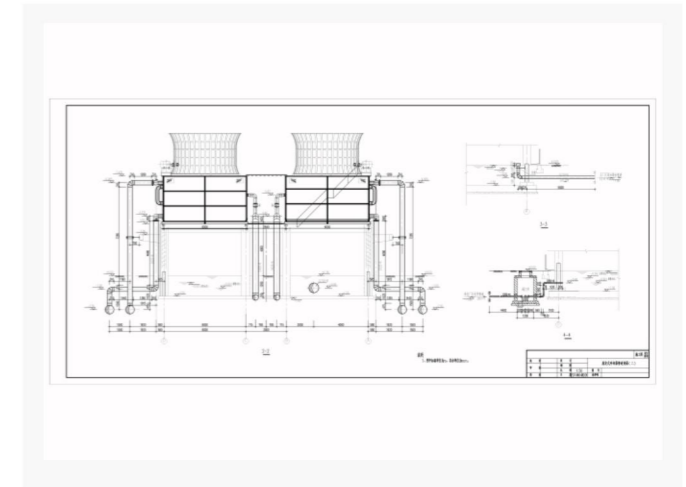
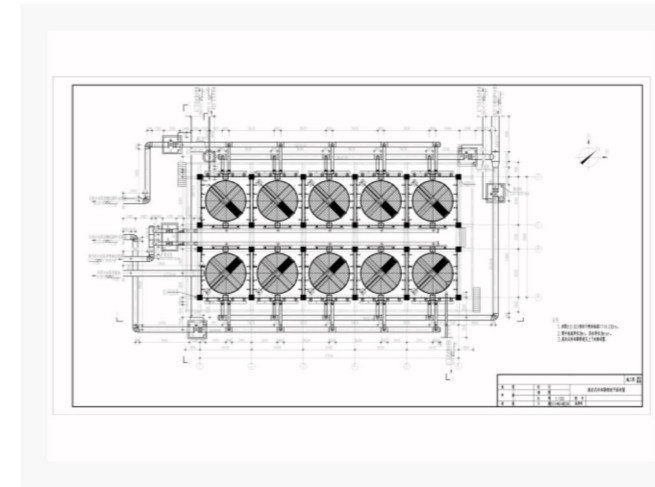


## Working Process



## Technical Data

Finned tube bundle parameters			
Temperature Range:	-60~110 °C	Design pressure:	0.6MPa
Fin Dimension:	600mm×133mm×0.3mm	Fin spacing:	2.5~3.5mm
Aluminum Tube Size:	φ25×1mm×5000-5500mm	Fin ratio:	60~70



## System Characteristics

- The air cooling tower is vertically arranged with a cooling triangle, and the evaporative cooling section is modularly and centrally arranged with serpentine coils, all using large fan units, the whole machine is well integrated, the system design is simple, and the operation is safe and reliable.
- Using large-diameter axial fans, the overall investment is small, the mechanical failure rate is reduced, and the management and maintenance costs are low.
- The air-cooled tube bundles are arranged vertically, which improves the space utilization rate and effectively prevents the occurrence of freezing problems in winter.
- The water-saving effect is remarkable, and air cooling is the principal part for heat exchange in winter, eliminating white fog.
- Reduce sewage discharge