

Maintenance of Mechanical Ventilation Cooling Tower

1. The water inlet of the cooling tower must be clean and clean, and underground well water or bleached tap water should be used to prevent debris left during installation and construction in the pool and water tray, so as not to cause blockage of pipes or nozzle phenomenon; The damaged nozzle should be replaced in time to avoid affecting the cooling effect of spraying.
2. The motor end cover should be refueling once a year: the reducer should be strictly prevented from running without oil (low oil level), and the lubricating oil of the fan drive shaft and bearing seat should be added frequently. Check whether the oil system leakage, transmission connecting shaft, coupling elastic ring, friction plate is damaged, should be replaced in time.
3. If abnormal phenomenon is found in the fan system, the machine should be shut down immediately for inspection and troubleshooting to ensure that the cooling tower is in a good running state.
4. In the process of using the cooling tower, if it is found that the water consumption is too much, the supplementary device should be used to replenish the water in time. In addition, check whether the water collector is damaged, and replace it immediately if there is damage.
5. Inside and outside the tower at least once a year to clean, so as not to affect the accumulation of dirt in and out of the water.
6. When starting the cooling tower, the fan should be started first, and then water, so as not to cause the motor current load overload after the first water and then open the fan, and cause damage. When the cooling tower stops running, the hot water should be closed first, and then the fan should be stopped.
7. After the cooling tower is shut down, the water in the collecting tank and pipeline must be emptied. If the shutdown submission time is long, the whole tower should be overhauled to ensure the safe and normal operation next time.
8. Cooling tower after a long time shutdown before use, must be operated in accordance with the provisions of the operation instructions.