

STEAM GENERATORS

Case History Steam for combined cycle tower cooling system cleaning

In combined cycle towers it is essential to have in good condition and clean the system through which the energy exchange is made since the efficiency of the same depends on it. One of the methods with which these systems can be kept clean is with the injection of high quality steam with 99.5% dry steam, for this Clayton has portable plants for rent for all processes that require it.



Combined flow is the use of a heat exchange coil and filler for heat transfer in a closed-loop cooling tower. The addition of infill to the traditional closed-loop cooling tower design reduces evaporation in the coil section, reducing the chance of scale and fouling. BAC's combined-flow closed-loop cooling towers use a parallel flow of aerosol air and water over the coil, and a cross-flow of air/water through the filler.

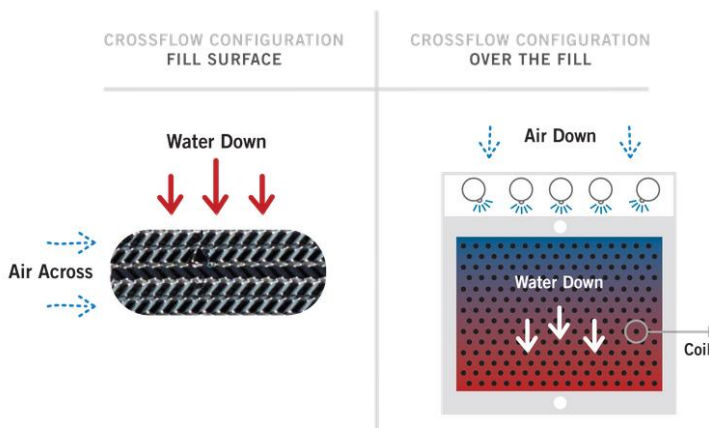
In parallel flow, air and water flow over the coil in the same direction. The process fluid travels from the bottom to the top of the coil, increasing efficiency by putting cooler

water and air in contact with the process fluid at its coolest temperature.

In filling, air and water interact in a cross-flow configuration: water flows vertically down the filler while air flows horizontally through him.

Advanced
Steam
Technology
that Is Safe,
Efficient
and Reliable

COMBINED FLOW



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