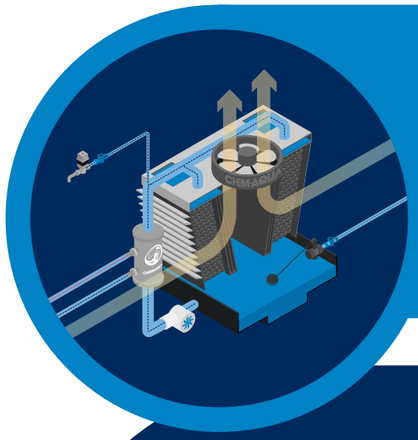
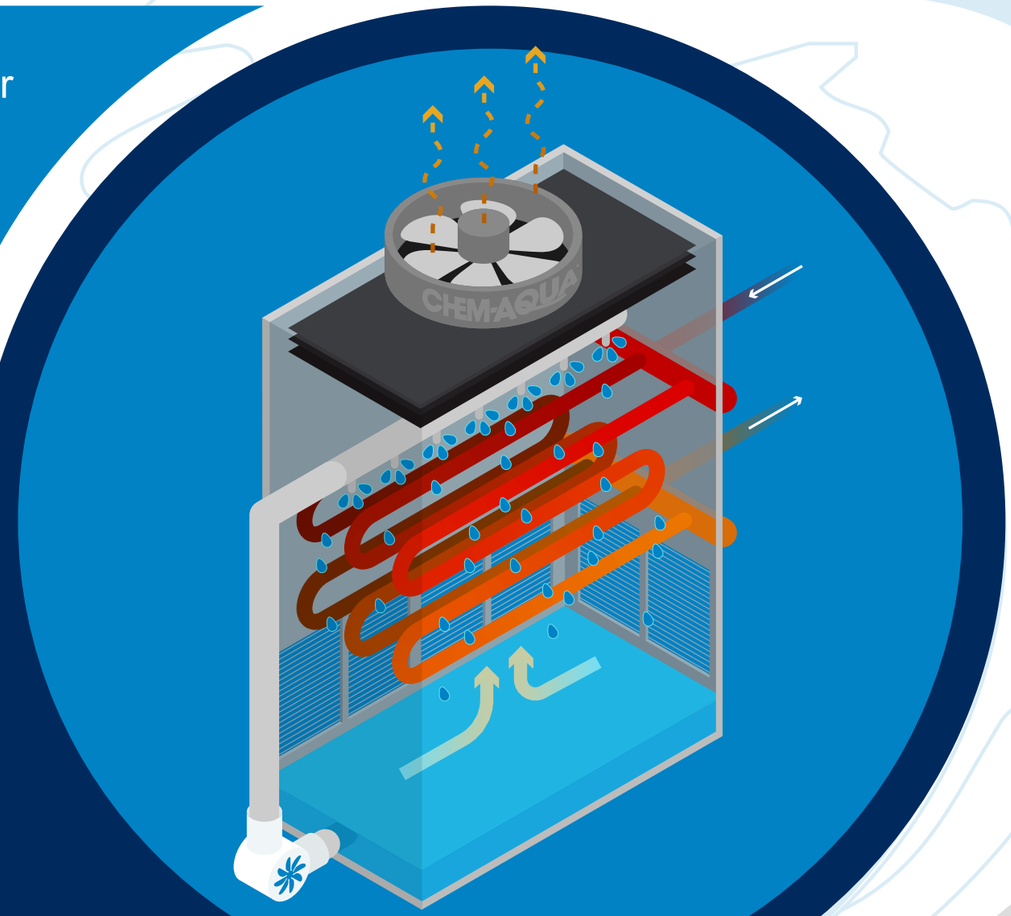
EVAPORATIVE CONDENSERS:
IMPORTANT DIFFERENCES YOU NEED TO KNOW

Understanding the differences between HVAC cooling tower systems and evaporative condensers is key to making the most of your water treatment program – and Chem-Aqua is here to help.

WHAT'S THE DIFFERENCE?



Unlike HVAC cooling towers, which pump cooled water to distant heat exchange equipment, evaporative condensers remove heat by spraying water directly on galvanized heat exchange coils inside the unit.



KEY CONSIDERATIONS FOR EVAPORATIVE CONDENSERS:

- Blocked or missing spray nozzles reduce cooling efficiency and can cause scale deposits on coils
- Galvanized condenser coils require specific water chemistry to control white rust corrosion
- Smaller water volume and design variations make good program control more critical and difficult

MAINTENANCE TIPS & TRICKS FOR EVAPORATIVE CONDENSERS:

- Regularly inspect spray nozzles and condenser coil bundles
- Do not start up new systems without passivation plans in place for white rust
- Use real-time water treatment controllers with call out alerts to optimize results
- Common sump systems help reduce the potential for upsets and improve control

Chem-Aqua is committed to helping you get the most out of your water treatment program.
To learn more, visit **chemaqua.com**

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