

Alternative Water Sources for Cooling Tower Makeup

Cooling towers often use potable drinking water as the makeup source. Using an alternative water source as cooling tower makeup can save money and help meet sustainability initiatives.

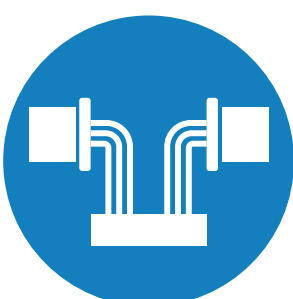
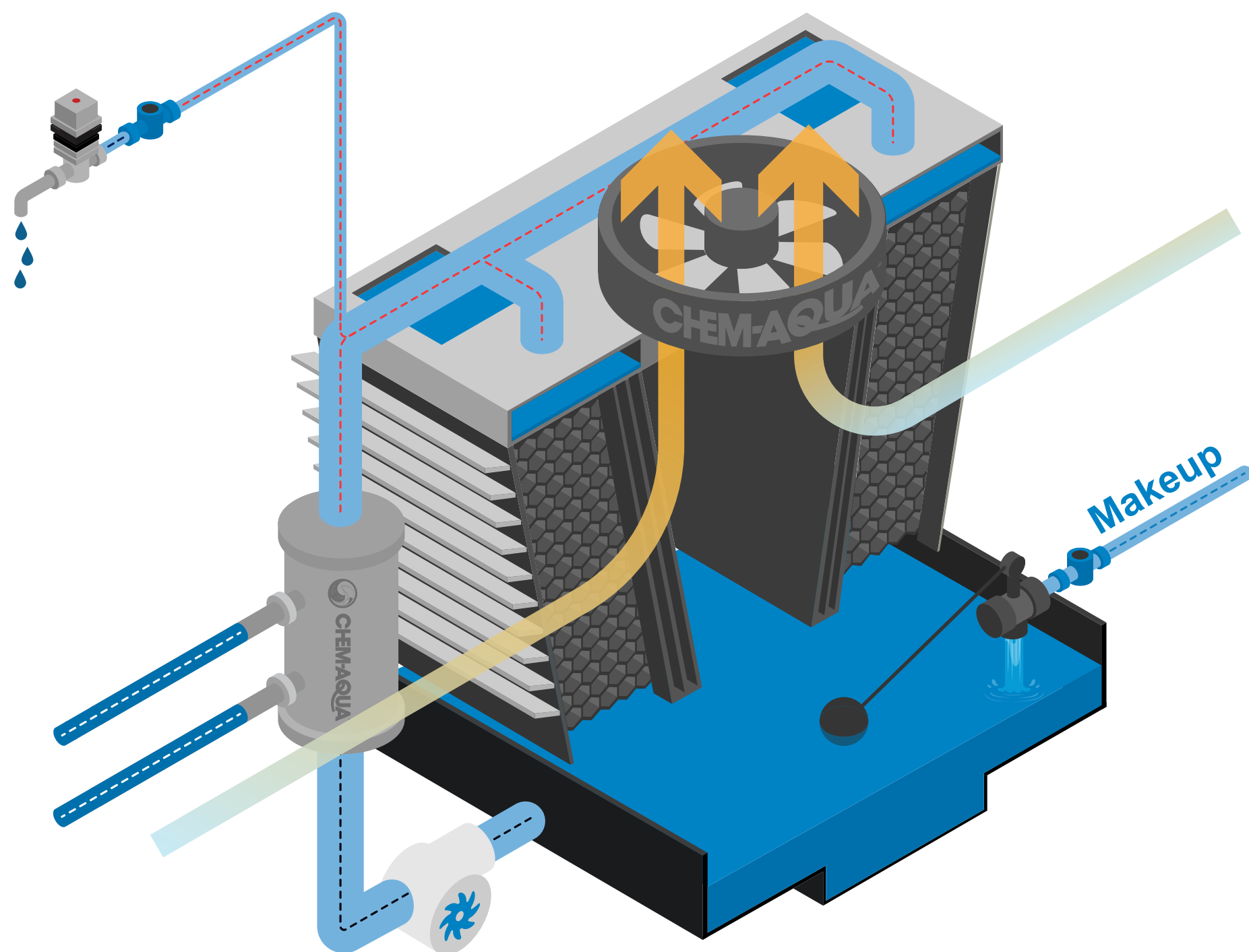
Air Handler Condensate
Nearly pure, cold water normally sent to drain.



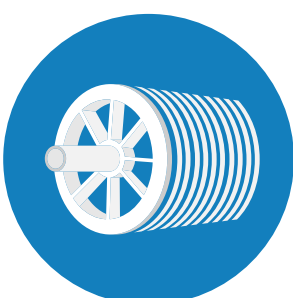
Rain Water Harvesting
Variable, relatively pure water.



Ground Water
Consistent, reliable water source.



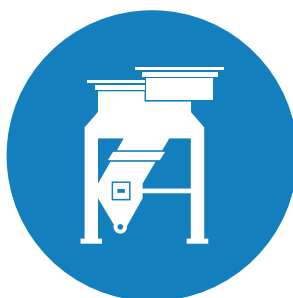
Blended Water
Consistent blending of two or more water sources.



Reverse Osmosis Reject Water
Pre-softened RO reject water normally sent to the drain.



Reclaim or Gray Water
Low-quality, usually requires special water treatment measures



Site-Specific Reclaim Water
Wide range of quality, quantity, and consistency.

Points to Consider

Water quality, quantity, consistency, proximity to cooling tower, pretreatment equipment, capital investment, microbiological risk, and impact on water treatment program design and cost.

