



Air coolers meet ZLD for greener operations

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ZLD processes, driven by high-energy operations like evaporation and crystallization, produce significant heat. While most of this can be reclaimed through systems like the Alfa Laval Aalborg Micro heat exchanger, there's always a bit of low-grade heat left over. While traditional cooling towers effectively remove heat, they do so at the cost of significant water loss and potential environmental impact.

Enter Alfa Laval's innovative air coolers. Whether dry or wet, these coolers are a game-changer in the ZLD landscape. Their water-conserving design complements the ZLD ethos and brings many



advantages. Think reduced environmental footprint, boosted operational efficiency, enhanced safety, and smart space utilization.

What sets Alfa Laval's air coolers apart is their compatibility with ZLD systems. They're crafted for optimal heat transfer and minimal water use (even for wet coolers) and are sturdy enough to withstand the rigors of ZLD processes. It's not just cooling; it's a strategic step towards a more sustainable, efficient future in industrial waste management.

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How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com

100018154-1-EN 2402