

## Zitrec® EC

### Liquid cooling technology for data centers

Arteco builds on an inheritance of technology, creativity and expertise to develop and market its products in various applications to enable controlled heating or cooling in industrial production processes and applications. Arteco introduced state-of-the-art long-life corrosion technology in the industry meeting specific customer needs.

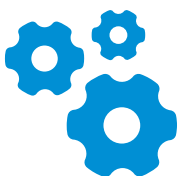
**Zitrec® EC** fluid technologies are single-phase heat transfer fluids used to cool and protect electronics within data centers and other electronic environments. Different base fluids (glycol and/or water), additive packs and electrical conductivity levels are available, each targeting specific application needs.

**Zitrec® EC** ready-to-use mixtures in **direct-to-chip cooling\*** provide long-life corrosion protection and more efficient and effective cooling for the entire equipment, leading to **increased performance, reduced downtime and longer lifespan of the equipment**. Such coolant solution simplifies electronic hardware maintenance and can reduce the overall cost and complexity of the system.

### Product benefits



**Enhanced Energy Efficiency**



**Improved Hardware Compatibility**



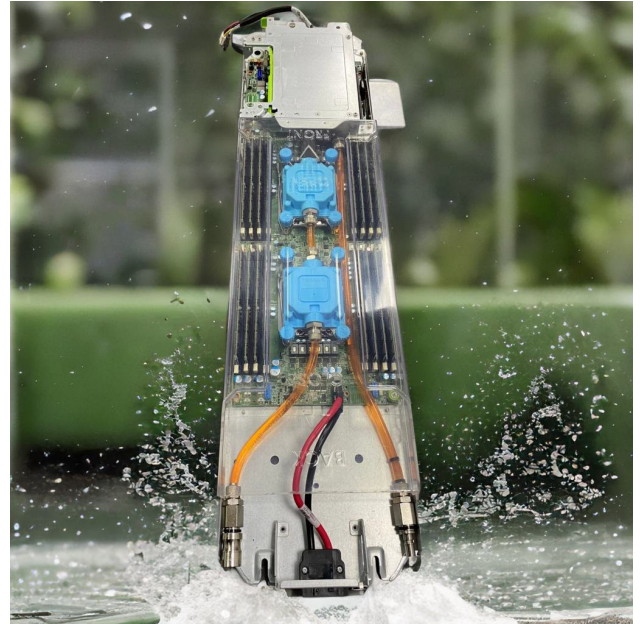
**Reduced Environmental Impact**

\* Also known as cold plate cooling

## Applications

**Zitrec® EC** fluid technologies can be used with confidence for direct-to-chip liquid cooling applications. The coolant is ideal for environments like **data centers or other electronic environments**, where traditional air cooling is often inadequate.

Electronic applications require massive amounts of power, and liquid coolants ensure that this power is delivered efficiently and reliably. Whether it concerns high density computing, AI, edge computing or other power electronics in either automotive or industrial environments, the **Zitrec® EC** product portfolio could be a great fit.



## Contact Arteco for more information

Should you have questions with regards to Arteco's **Zitrec® EC** fluid technologies, related to available packages or colours or on one of the other Arteco solutions, please do not hesitate to contact your local Area Sales Manager or send your inquiry to [info@artecco-coolants.com](mailto:info@artecco-coolants.com).

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