

Bronswerk Heat Transfer BV

Developing innovative coolers and fans

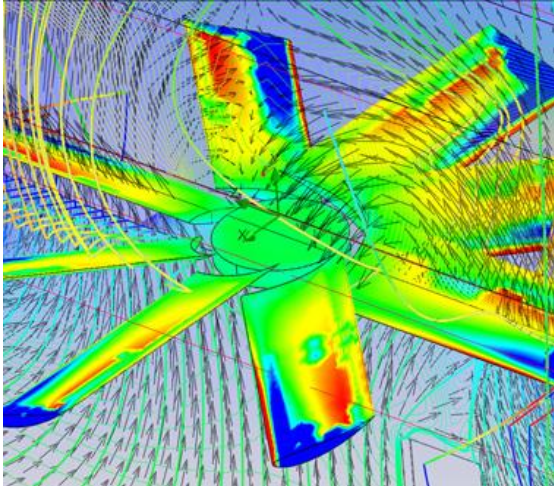


Bronswerk Heat Transfer BV's Whizz-Wheel®-based cooling systems are now breaking all industry records for energy efficiency, noise reduction, and weight savings

Groundbreaking design achieved up to

80%

thermodynamic efficiency



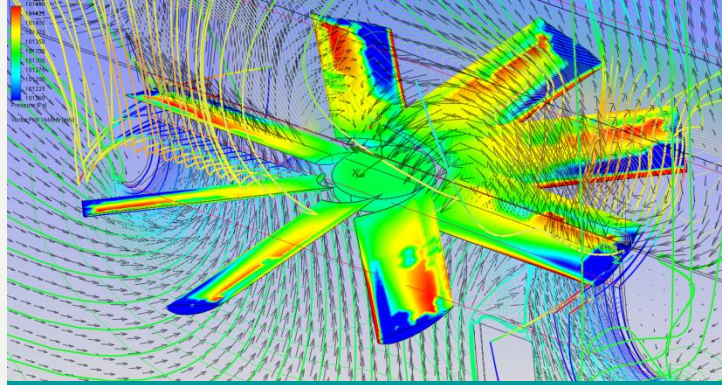
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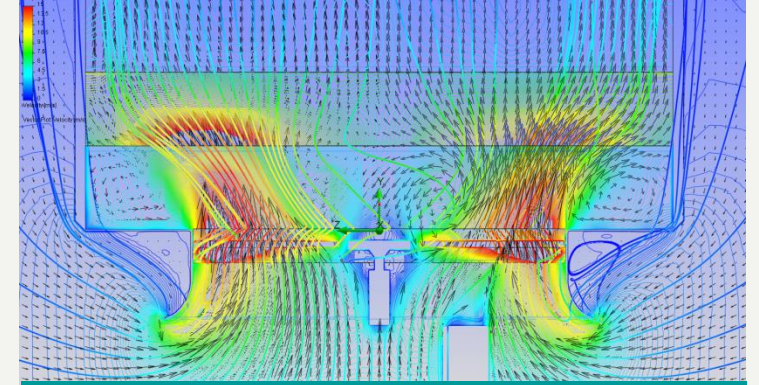


- Groundbreaking design achieved up to 80% thermodynamic efficiency - traditional designs only achieve about 60%
- Saved 15% of electricity usage
- Met stringent European Environmental Control Board standards

Design a quiet air cooler fan



Velocity profile fan



Velocity profile intake

- Design heat exchangers, air coolers, air condensers, compressors and "green" coolers and fans with CAD-embedded Simcenter FLOEFD

"Most importantly, Simcenter FLOEFD gave us the opportunity to really understand the aerodynamics of air-cooled coolers for the first time because the flow and the aerodynamics are more than just a flow through the intake and the fan itself."

Guus Bertels, Senior Engineer