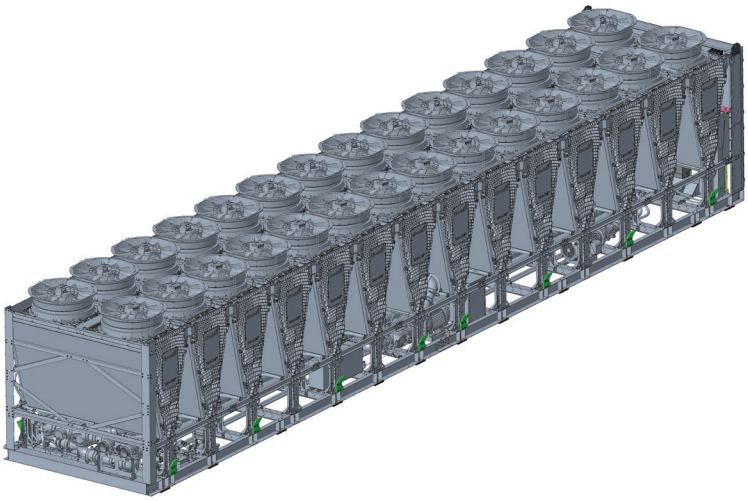
Airedale



TurboChill™ HPC

SCALABLE | EFFICIENT | DENSE

Airedale's TurboChill™ HPC takes the proven TurboChill™ product platform into a new era, enabling higher cooling densities and efficiencies, to support the growing need for rapid and dense deployments while still aligning with the sustainability goals of our industry.



Increase Cooling Density by 15-25%
Reduce space claim per MW of cooling plant enabling either larger or more cost effective deployments.

Scale Efficiently
Peak power usage is minimized through innovative heat exchanger technologies and configurations, with part load operation and free-cooling capability ensuring annualized pPUEs below **1.09** are achievable.

Low Noise
By utilizing optimized V-block and heat exchanger technology, fewer fans per MW are required, reducing your data center's environmental noise impact.

Simplify Your Deployment
Single water loop for air-cooled chillers in tandem with reduced quantity of units per MW leads to fewer installation operations, saving cost and time to deployment.

Technical Data

Configuration		**TCC** Air-cooled only	**TCF** Free-cooling
Capacity	MW	3	3
Footprint	sqft	540	540
Design Ambient Efficiency	kW/Ton	0.91	0.92
Annualized Energy Savings	%	Baseline	>40%*
Stainless steel variant available	–	✓	✓

*Depending on application location.

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50+ years of expertise

Thermal management & structural experience

Global sales + aftermarket teams & support

Proven quality & reliability

Airedale DESIGNED ENGINEERED ASSEMBLED IN THE USA

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