

ACF

AIR-COOLED MAGLEV® DATA CENTER SOLUTION

Unlock the Possibilities for your Data Center with ...

- Single, fully packaged Chillers to 3+ MW (850+ Tons)
- Exceptional cooling capacity per square foot through optimized chiller design
- Industry-leading cooling efficiency, maximizing power available to the IT load
- Use of a **configurable platform** that can be customized and optimized to meet your Data Center's efficiency, capacity, or operational requirements

STANDARD FEATURES

Air-cooled flooded MagLev® up to 850 ton capacity Optimal Compressor & Coil Combinations

- Vary coil V-bank and compressor combinations to achieve:
 - Maximum efficiency
 - Minimal length

OPTIONAL FEATURES

MagLift® Cooling

- Provides improved cooling efficiency at low ambient conditions (both full and part load)
- Delivers high efficiency, eliminating the need for waterside economizing which
 - reduces chiller first cost
 - reduces chiller weight
 - reduces chiller peak power consumption

Integrated water-side free cooling

- Available in both open and closed loop designs.
- Single coil design
 - Includes both water and refrigerant circuits with a common set of fins.
 - Improves chiller efficiency as airside pressure drop is reduced vs a coil over coil design
 - Provides a truly serviceable coil
 - Reduced footprint compared to fluid cooler or modular free cooling

Adiabatic pre-cooling for condenser

- Packaged solution designed to integrate into our standard chiller design.
- Integrated into FlexSys® Controls which maximizes efficiency while minimizing water consumption

Hydronic accessories available within chiller footprint

- Pumps
- Glycol feeders
- Chemical feeders
- Expansion tanks
- Air separators
- Strainer
- Heat Exchanger (Closed Loop)

Electrical accessories available within chiller footprint

- UPS Power & Rapid Restart Components integrated into the factory electrical cabinets
- Single Point Power (including accessories) or Multi-Point of Power as required
- 120V Power Connection for Controls to be powered by external UPS
- Harmonic Filtration (Active or Passive)



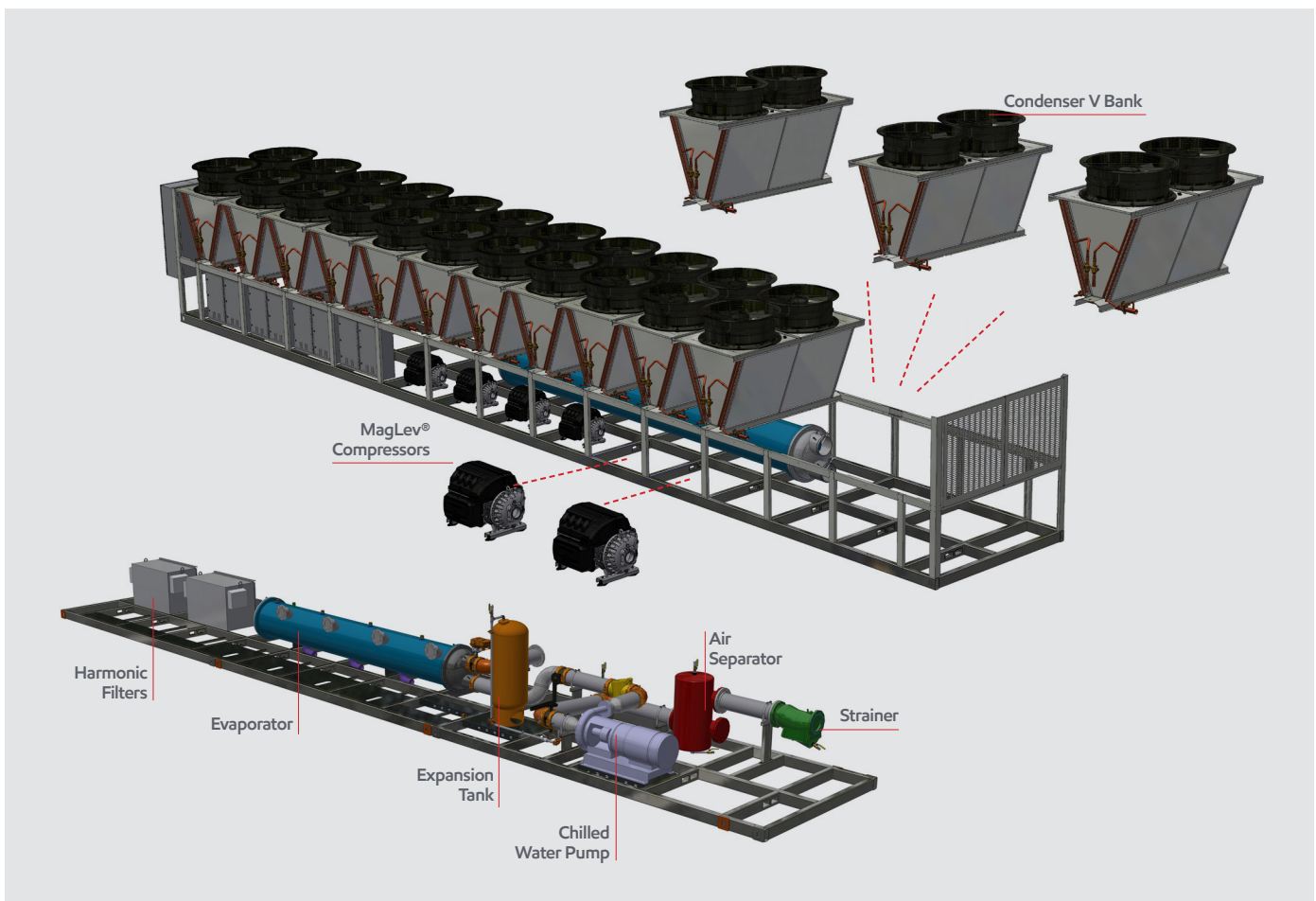
CUSTOMIZE YOUR ACF

The **solution** lies in the extreme flexibility of our **configurable platform**.

A custom solution with the reliability of standardized building blocks

Your project's requirements: (Capacity, ambient, density, and need for project specific hydronic and electronic features) drive the configuration and our solution.

We configure, build, and ship a solution that aligns with your project's requirements.



Customer driven innovation is powerful. We built the most successful modular chiller company in the world based on the single premise that customers' needs come before our own. It's simple; there are many new technologies and products that appear in the marketplace over the course of a company's existence. Our powerful secret is to engage our customers, understand their needs, and select only the most disruptive technologies to develop into the next Multistack solution. Multistack is far more than just chiller manufacturers... our portfolio covers a broad range of HVAC products both modular and conventional... **all focused on customer driven innovation!**