

ASF

**A/C MODULAR
WITH INTEGRAL
FREECOOLING**

MULTISTACK.COM



Customer driven innovation is powerful. We considered what we had learned, evaluated new compressor technologies, new manufacturing methods, new ways of thinking about modularity, and reimagined our traditional modular air-cooled: presenting the ASF.

Designed for Total Chilled Water System Efficiency including:

- Integrated free cooling (water-side economizer)
 - 3 Modes of operation – mechanical, partial free cooling, and full free cooling
 - All Valving, Piping and control is packaged
 - All pre-tested at the factory
- Longer compressor life
 - Compressor envelope constrained by embedded mapping
 - It becomes virtually impossible to drive compressors into dangerous areas of the operation map
- Improved system pumping efficiency
 - Micro-Waterside Pressure drop
 - Perfect for Variable Primary Flow Systems with
 - Motorized Valves per Module
 - Truly matches chilled water flow to load – minimum flow in many cases allows for 10% or less of design flow



Integral Freecooling Coil shown to left:

Larger entering header for water/glycol piping on the outside of the coil to take advantage of cold entering air (leaving header on opposite side). Smaller inner headers for refrigerant when doing mechanical cooling.

No overlaid fins! These continuous fins run through entire coil for the most service-friendly design.



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||| MULTISTACK®

WHAT'S NEW AT MULTISTACK®

From **Air to Water** and **Heating to Cooling**: **Multistack's** newest product line additions all bring integrated simplicity to building efficiency. The movement of the HVAC industry to whole system solutions echo **Multistack's** latest offerings with integrated free cooling, simultaneous heating and cooling, efficient variable speed designs, and cutting-edge controls. Contact your **Multistack** representative today to see how we can bring your design to the next level.

ASF_V

A/C MODULAR



VME II

SCROLL MODULAR
CHILLER HEATER
TRUE
VARIABLE
SPEED



MSF_M

REIMAGINED
MODULAR
MAGLEV

