



FOR IMMEDIATE RELEASE

MEDIA CONTACT

Molly Leggett (321) 631-3550

mleggett@mainstream-engr.com

Mainstream Engineering Awarded Contract from the Navy for an Improved Fan Coil Assembly.

ROCKLEDGE, FL — August 26th, 2022 — Fan-Coil Assemblies used in Navy ships have changed little over the last 60 years. These legacy systems are heavy, energy inefficient, and operate at a single fan speed using a V-belt-driven fan. These units are prone to failure, inefficient and noisy. Mainstream is developing a family of compact, light, rugged and efficient Fan-Coil Assemblies for the next generation of Navy shipboard chiller systems. Mainstream's Fan-Coil Assemblies reduce the required fan motor horsepower by approximately 30% when compared to the legacy units.

Fan-Coil HVAC systems similar to legacy Navy Fan-Coil Assemblies are commercially available, and the operating principles are well understood within the HVAC industry. However, a complete Fan-Coil Assembly that meets the military performance requirements (MIL-PRF-23798D), while also integrating a Variable-Speed Drive fan controller that meets military performance requirements (MIL-PRF-32168), has yet to be realized. Mainstream has been selected to leverage their HVAC/R industry-developed technologies to provide a family of modernized Fan-Coil Assemblies for Navy shipboard applications.

About Mainstream Engineering Corporation

www.mainstream-engr.com

Mainstream Engineering Corporation is a 36-year-old Brevard County, Florida manufacturer with a history of leading-edge research and development that has resulted in advanced cost-competitive products, which are made in the USA. Mainstream's mission is to transition advanced R&D into high-quality, environmentally-safe, green, commercial products using lean manufacturing techniques. Areas of research include thermal control, energy conversion, power electronics, biomass conversion, chemical technology and materials science.

UNSUBSCRIBE

If you no longer wish to receive press releases from Mainstream Engineering Corporation please click [here](#).

Mainstream Engineering Corporation - 200 Yellow Place - Rockledge, FL 32955