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MEDIA CONTACT

Lily Galleo (321) 631-3550

lgalleo@mainstream-engr.com

Mainstream Engineering Awarded a Contract from the US Navy for an Advanced Dehumidification System

ROCKLEDGE, FL — July 27th, 2023— The Navy seeks more efficient methods for dehumidification of make-up air that is used for heating and cooling on Navy Ships. Currently, the Navy dehumidifies the make-up air using chilled water supplied by the ship's central chiller. However, this method has inefficiencies associated with the electrical consumption at the central chiller and air side fouling of the heat exchangers caused by condensate on the coil. Mainstream has developed an advanced membrane dehumidification system that will improve the efficiency of dehumidification and thereby reduce shipboard energy consumption.

About Mainstream Engineering Corporation

www.mainstream-engr.com

Mainstream Engineering Corporation is a 37-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. Founded in 1986, 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.

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