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eCycle CMG Brushless Motor used in Marine Air conditioner

(Temple, PA – January 31, 2005) – A top designer and manufacturer of extremely compact & lightweight cooling modules has selected eCycle, Incorporated to supply high efficiency brushless motors for high capacity marine cooling and refrigeration applications.

The innovative central unit is primarily for 40-60 foot luxury yachts with multiple climate zones. The new 6 ton air conditioning unit will benefit from eCycle's CMG "Silicon Series" brushless motor by making the entire unit the most compact, reliable and efficient system ever marketed. The primary benefit comes from the brushless motor's inherent low power dissipation which enables the unit to efficiently operate in high ambient temperatures without dedicated cooling.

The benefits of specifying the eCycle CMG brushless motor/generator for mobile air conditioning systems are numerous. Both Manufacturers and OEM's will realize increased profitability in offering a system that is higher in power density and efficiency. Typical motor failure downtimes and maintenance associated with brushed DC motors are virtually eliminated.

Following market deployment of the new air conditioning unit, eCycle and the manufacturer plan to work on larger refrigeration units and high efficiency water chillers.

About eCycle (www.ecycle.com)

Established in 1996 and located in Temple, PA, eCycle produces a line of advanced brushless motors and generators, which have a wide range of applications in commercial, industrial, and consumer markets worldwide, particularly for mobile applications.