

Vaccon CDF Air Amplifier Pumps Rapidly Inflate and Deflate Inflatable Marine Rafts, Boats, and Aircraft Evacuation Slides

Medway, MA – June 18, 2014 – Vaccon Company, a U.S. manufacturer of air-powered venturi vacuum pumps offers a line of air amplification pumps for rapid inflation and deflation of inflatable products including marine rafts, rigid inflatable boats (RIBs), life rafts and aircraft evacuation slides.



Military dive teams must be ready to respond to emergency situations at a moment's notice. Tasked with reducing response time, the military sought a more efficient process to inflate and deflate their inflatable rafts at the launch point. Limited to using a Scuba tank as an air supply, Vaccon designed custom CDF Air Amplifiers to mate with the raft's inflation ports. Vaccon's CDF Air Amplifier pumps are compact, economical and fast – a 6-8 man raft can be inflated in 45 seconds and deflated in 75-90 seconds with one Scuba tank and two CDF pumps.

In addition to marine inflatable applications, CDF pumps are used to inflate dunnage, automotive airbags, pneumatic medical devices, inflatable shelters and more. CDF Air Amplifiers use standard compressed air to rapidly inflate and deflate products for leak testing operations.

Powered by a combination of compressed and ambient air, CDF Air Amplifiers are energy efficient achieving amplification ratios as high as 40:1 (output to input). For additional control, operators can adjust the CDF pump's pressure and flow rate to meet specific application requirements. CDF pumps are economical, running only when needed, unlike electric blowers that must run continuously. To meet environmental compatibility requirements, the CDF Series is available in stainless steel, Teflon®, Delrin®, PEEK, PVC and other materials.

For further information contact: cmarotta@vaccon.com

CDF Series Air Amplifier Product Page: <http://www.vaccon.com/standard-products/adjustable-air-amplifiers-blowers-cdf-series/cdf>