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REDESIGNED WASTE TREATMENT SYSTEM WORKS BELOW WATERLINE

Boaters once only had the option of above waterline installations with Raritan waste treatment systems. From the most dependable name on the water, the updated ManaGerm can now be fitted up to 10' below the waterline with a pump up kit.

A USCG Certified Type II Marine Sanitation Device (MSD), the reliable ManaGerm provides onboard sewage treatment for up to 12 people per day. Through an aerobic process, the innovative unit employs air, water and naturally occurring bacteria to biologically convert waste into water and carbon dioxide.

Constructed of lightweight, corrosion-resistant polyethylene, the dependable ManaGerm will deliver years of trouble-free use. No moving parts are in contact with sewage and a quiet, durable aeration pump is included.

Simple to install and maintain, the MSD requires no special tools. For use on inspected and un-inspected vessels, the state-of-the-art unit works best with macerating and eductor/jet-type toilets. Releasing no foul odors, it operates with fresh, brackish and saltwater.

Measuring 56-1/2" L x 24" W x 17" H, the ManaGerm is a flow-through system for black water only. An extended aeration bioreactor features two chambers. The first chamber transforms waste into water and

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carbon dioxide. The second allows solids to settle and clarified water to pass on to the secondary tank where disinfection takes place.

Compliant with IMO Resolution MEPC2(VI), the versatile ManaGerm now employs Pinnacle 70 disinfecting tablets. These tables are rated as a non-hazardous material by the US Department of Transportation (DOT). They can be shipped in 10 gallon pails by regular transportation across the country and world.

The power-saving ManaGerm, aeration pump and pump up kit all come in 120 and 240 volt AC versions. The suggested retail prices of the user-friendly ManaGerm from Raritan start at \$4,350. The pump up kit costs \$760.

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