



326 First St. Annapolis, MD 21403 410-263-2311 Email: [info@bayacht.com](mailto:info@bayacht.com) [www.bayacht.com](http://www.bayacht.com)

## How will your Hybrid Houseboat be used? Plus more on our GreenSystem™... [www.bayacht.com/houseboats.htm](http://www.bayacht.com/houseboats.htm)

### ***At the dock:***

Here's how your boat works at the dock, typically

- Input water and electricity—no other input necessary, and there is no waste or grey water output.
- If the boat is used during winter months, we can provide a watermaker so that no shore water system is needed.
- The boat is fully insulated, including the floor with radiant heat beneath the floor. This provides a warm floor, appreciated by experienced winter boat dwellers, and helps keep ice away when combined with an appropriate bubbling system depending on the particular environment.

### ***While cruising:***

Here's additional options that open up the opportunity for more expansive cruising. Our Typical Bay Yacht Agency Villa with twin 60 HP outboards cruises at about 10 K. Our Let's Go Cruising cottage, with a single 60HP engine, cruises at about 15K and can effectively pull a wave boarder.

- In addition to the above, and depending on how much cruising is anticipated:
- An appropriate engine and navigation package can be installed along with appropriate fuel tanks.
- A bow thruster, keels and a forward wave deflector open up rough water areas to houseboat cruising.
- Generator--sized as required
- On-board, pressure water system with pressure pump and water tank.

All of these are available options designed to fit each individual owner's circumstance.

## **Our Green Hybrid Houseboat Package... GreenSystem™**

For all future BYA Houseboat products, we are using compost or incinerator heads with a grey water treatment system that has a triple filtration system so that the output is literally drinkable water. This water is used to flush the heads, and any excess clean, pure water is simply sent overboard. There is no black or grey water discharge and no need for messy holding tanks or pump out.

You can simply plug your houseboat in to shore power, and move aboard—simple.

The system described is offered on both the BYA Villa built by Harbor Homes, and the Let's Go Cruising Cottage, built by Catamaran Cruisers (The Aqua Lodge model) Both have numerous floor plans and options.

**Following is some additional information.**



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As the Marketing VP for Harbor Homes™ luxury houseboats I would like to comment on some of our thoughts and approaches.

The question of pump-outs and the marine nature of our houseboats have been addressed many times but the public has apparently not been informed.

First, we are the pioneers of a new technology, GreenSystem™, which the public and the authorities in charge of deciding issues related to the location of our watercraft will learn more about in the coming weeks. This revolutionary grey water recycling system eliminates ALL need for pump out when combined with the upgraded toilets we will be installing.

The toilets are an existing technology which have been in use in remote areas like Alaska. They simply compost or incinerate what was formerly the black water from the boat. There is no pump out or dumping since the material is either collected and compacted dry or completely destroyed inside the unit itself.

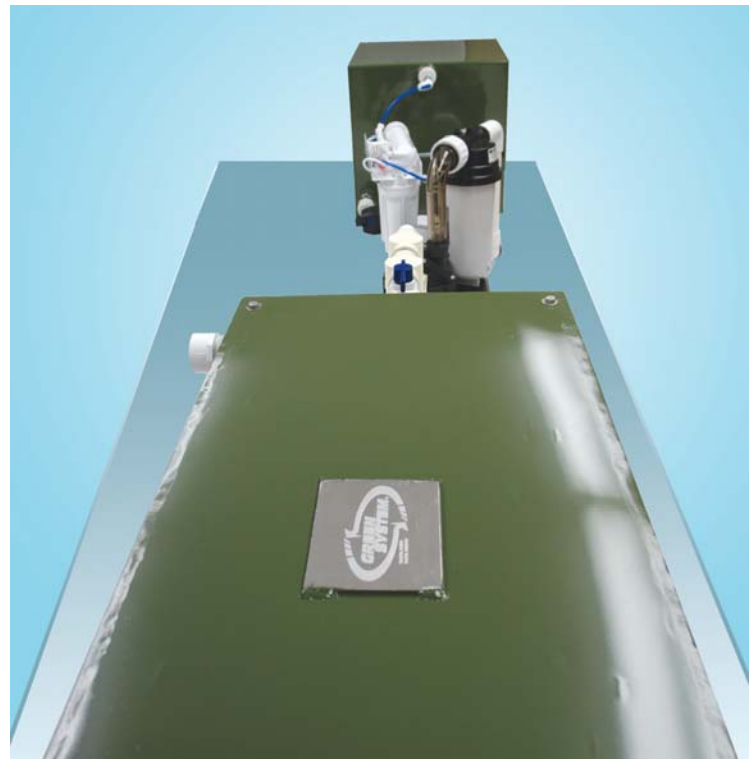
The GreenSystem™ (patent pending) - onboard grey water recycling plant - will appeal not only to houseboat owners but all mariners.

Harbor Homes™ has developed this exclusive method to place a mini waste-water treatment plant inside every individual houseboat. It will take all the grey water and completely remove all sediments, chemicals, oils, soaps, chlorine, particulate, and even treat the water so that virus/bacteria are destroyed prior to re-release into the internal water system.

When there is extra treated water to be released, because the internal system is at capacity, it is as clean as drinkable tap water. We are already in the process of getting the certification completed so we can provide the completely environmentally safe units. We have succeeded in eliminating the smell, contents and environmental impact of all the water used aboard our luxury houseboats.

This is a proprietary system and the details will be distributed in future articles for the industry, however, we feel that our upgrades will greatly enhance the appeal of our products over similar houseboats and other marine craft.

Also, we wanted to point out that the authorities who regulate houseboats should understand that Harbor Homes™ has worked with the Army Corps of Engineers, and had our facilities inspected regularly by the U.S. Coast Guard to





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ensure that our luxury houseboats exceed all the necessary requirements for marine craft. We are approved on all waterways and have been a preferred vendor for many areas because of our attention to detail, our construction methods, durability, warrantee, and the corporate attitude of working with local authorities.

A Harbor Homes™ luxury houseboat is first and foremost a boat. It is not built on sealed pontoons, but on a real hull, handcrafted and inspected in our own multi-acre indoor factory. The hull system we employ has bilge stations and controls to monitor the hull just like other larger ships.

The integrated navigation and helm system has all the lines and controls, navigation and safety lights, etc. of other boats for guiding and cruising when owners have the engine package installed.

Not every city requires engines, nor are they desired by the owners.

We actually feel that there is less environmental impact by NOT having engines on board - with less chance of oil, diesel or other effluent being produced. And we encourage municipalities to have rules which allow non-propulsions units to lower environmental impact. But, for those who wish more mobility or have local regulations that require propulsion, we offer a complete package.

Harbor Homes™ tries to meet the needs and desires of all parties so that we craft a houseboat that is not only comfortable, attractive and affordable, but offers a true marine alternative to the high price of waterfront property today and the high cost of more complicated yachts.

As the urban areas of our nation grow, one of the areas where we can provide affordable living space and affordable boats-- is on the water with our many lakes, rivers and waterways. Harbor Homes™ has designed our units to present a marine craft that functions and looks like a home. We believe owners should not have to accept cramped space or traditional marine interiors with mini-galleys or baths to enjoy waterfront ownership of a houseboat.

And with our attention to operating safely for the sake of the water, we have leapt forward into the twenty-first century, now providing a truly new level of water cleanliness without the mess and maintenance once required of other boats.

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Eric Smith, President MMA, Inc. T/A Bay Yacht Agency  
Office: 410-263-2311 X222 Cell: 410-703-5655  
Email: [esmith@bayacht.com](mailto:esmith@bayacht.com) Skype: bya269





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 *composting toilets*

Check out the new  system!

by  sancor



## Envirolet® VF™ 300B Vacuum Flush Composting Toilet System

<http://www.envirolet.com/>

The Envirolet® VF™ 300B features a pedal flush toilet with **below floor** drain discharge.

### ADVANTAGES

- Environment-friendly
- A truly modern toilet in looks and function
- Uses less water
- Aerates and pulverizes waste for better, faster composting-action

- Installs where others cannot

### IDEAL APPLICATIONS

Envirolet® VF™ can be installed in any application that any other Envirolet® can be installed. But, there are some applications where only an Envirolet® VF™ will work.

- Cottage or home installations on rock or with little or no room below
- Basements



- Garages
- Pool Cabanas
- Yurts
- Boats and Yachts. Houseboats and many other craft of all kinds.



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- Applications where a smaller toilet is needed or desired

**SYSTEM INCLUDES**

- Envirolet® Compost Unit
- Vacuum Generator
- Pedal Flush VacuFlush Toilet (White or Bone)
- 12V Power Supply
- Starter Kit & Shock Soil
- Compost Accelerator
- Drain Hose & Connections
- 4' x 4" Flex Vent & Gear Clamp
- 4" Wind Turbine Ventilator

In the system described earlier, the water will be provided from the on-board filter system.

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