

Oily Bilge problems? Your only options? PART 2

OK Last week...we covered #1. pumping your bilge water problems off to a 3rd party and #2. Using an <u>oily water separator</u>. This OilyNews covers the only 2 options left. That's it: end of story and option #4 is really end of the story. Waters gone.



OPTION #3: Running your bilge water thru some sort of filter that can remove and retain the oil...letting the water go on overboard. Today there are a few filters that will selectively remove oil from water..a great and simple idea...but some caution is needed here.

Our Oilsmart filters used in The Bilge Filter are a specially treated polymer material that absorbs oils into the polymer matrix and it converts it from a liquid to a solid....locking it down so it can't leak or leach out again.



This is Important to know. Avoid filters that simply adsorb oils....because the oil is only attracted to the outside of the filter fibers and can be washed off the fibers as easily as it washes on.



Generally these oily bilge filters are for operators with very little bilge water with very little oil in it. If you have more than a bit of oil...buying a bunch replacement filters all the time can get costly.

The <u>TBF3 3 gang filter assembly</u> shown here and above with optional oil content monitor, can hold just a bit over 1 gallon of oil, but it can work with your existing bilge pumps. Entry level pricing is \$1287.



This is the HOLY GRAIL of bilge-water treatment because it is literally a NO DISCHARGE system. This eliminates the water portion entirely. Do it on board or on shore. No muss NO fuss. NO WATER!.

The water is gone. No discharge is a good discharge! Evaporation is the FINAL SOLUTION...for bilge water. Your water is yours cradle to grave....this is the grave!

So why doesn't everyone do this....? It takes a LOT of power to evaporate water away. Not every boat has excess electric power to burn...mostly new builds that are designed for just that.

You can do this shore-side with propane or electric.



Our <u>BilgeVAP</u> system is a VERY simple dumb box of water of an evaporator and has only one moving part...the draft inducer fan. With simple on/off controls and double safety shutdowns...this is almost BUBBA PROOF and impossible to screw up.

How about NOTHING OVERBOARD? Safe enough?

Punch the start button and walk away....it shuts itself down when it runs out of water or if it get a big slug of oil somehow. It just evaporates water...that's it. A built-in oil skimmer let's you drain off the accumulated oil. Evaps 4-10 GPH. Entry level pricing....\$6K.....ongoing costs? NONE, except for the fuel you'll burn to power it. BilgeVAP turns your boat into a NO DISCHARGE ZONE..instantly

Our MarineVAP system is a whole different animal, much more sophisticated but can handle all your treated black, bilge and even gray water. Same power hungry type features but can keep you from discharging any kind of water. Entry level \$16K. This is a flash evaporator that evaporates from 8 to 16 gallons per hour.

Bilge Water, Gray Water, Treated Black Water
"Nothing overboard!"
No discharge zone? No problem!
ZERO LIQUID DISCHARGE!
GONE - done - end of story!







Bilge Filter



Brute Marine Oil Water

Separator

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