

RV dump stations everywhere are closing down operation due to several reasons. Some, but not all of these reasons are the costs and headaches involved to keep them operating and properly maintained, the wrong types of chemicals used by RVers and because of neglect and poor housekeeping by people who use these dump stations.

RV holding tanks are used to hold, or store waste water until a sewer system is available to empty the tanks. Because little water is used, in comparison to a domestic waste water system, RV holding tank wastewater is far more concentrated. Adding to the problem are the chemicals required to assist in breaking down the waste and controlling odors. This requires more treatment than a regular house type waste system and it complicates disposal of RV holding tank waste. In many cases it is much easier to just close the dump station.

The problem that the average RVer is confronted with is how to control holding tank odors. Formaldehyde based chemicals do a better job of controlling odors. The problem with this is the organic strength from the mixture in an RV holding tank can be fifteen to twenty times stronger than a typical wastewater system. This leads to more complications for dump station owners. This problem is compounded when the RVer gets some odors from the holding tank and adds even more chemicals to the holding tank in an attempt to control the odors. Environmentally friendly enzyme/bacteria based chemicals use natural organic chemicals. They have a lower organic strength, which is better for the dump station but they don't control odors as well as formaldehyde compounds.

Something else to consider is how much water you add to the holding tank when you use the toilet. Think about the toilet in your house. Even water saver toilets use about 1.6 gallons of water when you flush it, plus there is water in the bowl. The water level in your holding tank can help to control odors. You need to get in the habit of adding additional water to the holding tank whenever you flush the toilet. It is absolutely necessary that you keep the water level above the contents of the holding tank to help control odors.

Another thing that I think happens frequently is that people don't add enough water after they empty their holding tanks. You need to know what size holding tank you have and make sure you add enough water to completely cover the bottom of the tank each time you empty it. One RV holding tank might only need three or four gallons to cover the bottom of the tank where another one might need ten or more gallons. What else can we do to control holding tank odors?

What if I told you that you can use the environmentally friendly chemicals, helping to save our dump stations, and not have any odors from your holding tanks? It sounds too good to be true but it's possible. RV holding tanks are designed with one vent pipe going up to the roof on the RV. The holding tank odors accumulate in the tank and can't really be vented outside because there is no air pressure to force the gasses (odors) up the vent pipe. The real problem occurs when wind blows across the vent cap on top of the RV

roof, or when you're traveling. This higher air pressure forces air down the vent pipe pushing the tank gasses (odors) to the only other way out of the system, the toilet. Whenever the air pressure is higher inside the holding tank, than it is inside the RV, the odor escapes into the RV by way of the toilet.

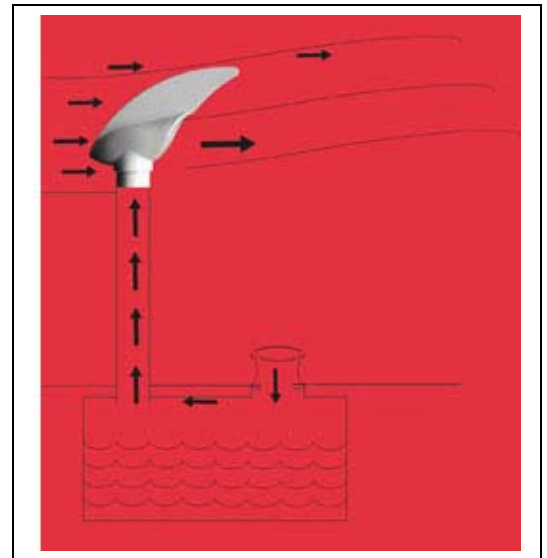
I have always wondered why the holding tank odors seemed to increase in our RV whenever we were traveling. It's because of the increase in turbulence, forcing air pressure down the vent pipe. I have been guilty of adding more holding tank chemicals when this occurs. Well I'm happy to say that I have found a product that will solve holding tank odor problems for good.

It's called RV-360, and it's a redesigned breather system that attaches to the vent pipe and actually draws the fumes out of the holding tank. It works when the RV is stationary and when it's moving. Here's how it works.

As the wind passes over your rooftop it will direct the RV-360 so that the exhaust port is pointing down wind, away from where the wind is coming from, drawing the tank fumes up the vent pipe.

In certain wind conditions, the factory installed vent cap does the opposite and actually forces wind down the vent pipe, pushing holding tank fumes back into the RV. The RV-360 always draws the gasses out of the tank.

The RV-360 Rotating Vent / Odor Extractor uses the wind to pull all the odors and gasses from the holding tank, out of the roof top vent, away from your living space.



Let's all work together to do our part in making sure that dump stations will stay open for present day and future RVers. To get more information on the RV-360 you can go to www.rv-360.com

Happy Camping,

Mark J. Polk

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