

System Winterizing

It is always best to run the system down to the shutoff point where the liquid is at the lowest point in the reservoir before starting the winterizing process.

1. Unplug the system power cord.
2. Remove the steel band from the reservoir lid.
3. Lift the reservoir lid, with the pump unit still attached, and slide it to the side of the tank taking care it does not fall into the reservoir.
4. Carefully pull the suction line, filter and float assembly up out of the liquid in the reservoir.
5. Pour one to two gallons of a good quality windshield washer solution into a bucket and lower the suction line assembly and the return line into the bucket. **DO NOT USE ANTI-FREEZE PRODUCTS THAT CONTAIN PROPYLENE GLYCOL FOR WINTERIZING.** Propylene glycol will damage the internal seals in your pump and will void the warranty.
6. Plug the system power cord into the outlet, set your duration timer to the max setting of 180 seconds and by using the red manual button in the timer enclosure run the timer through several cycles until you see the washer fluid has flushed all the lines and nozzles. Be sure to do this thoroughly so no insecticide remains in the nozzles which may cause the nozzles to clog. **Be sure not to let the pump run dry during this process.**
7. Pull the suction line and float switch assembly out of the windshield washer fluid and using a cable tie or some other method tie the suction and float switch lines up out of any liquid remaining in the tank. **Do not allow the suction line and float switch assembly to remain in the liquid over the winter months as freezing will damage them.**
8. To restart the system, stir the remaining insecticide in the reservoir, untie the suction and float switch lines and lower them into the solution, plug the power cord in, reset the timer for the correct time as well as duration and restart the system. It should now be ready for regular automatic operation.

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Notes: If you use windshield washer solution be sure it is rated to minus 20 degrees protection. Most are rated to do this but be sure to check the label.

While you are winterizing this is a good time to pour any remaining liquid in the drum into a bucket and rinse or wash out the barrel. This will remove any accumulated sludge or contaminants that could clog the suction line filter. This is also the ideal time to install a new suction line filter to be ready for next season.

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