

WATER PURGING INSTRUCTIONS

TANK PURGE

This operation can take up to 40 minutes or longer.

Select "Tank Purge" from galley touch screen. System automatically returns to normal mode when tank purge is complete.

LINE PURGE

1. Select "Line Purge" from galley touch screen.
2. Wait until system returns to "Normal Mode" status.
3. Ensure compressor is "ON" and wait until system reaches operating pressure (2 min. approx).
4. Open each faucet (as applicable) to blow out any remaining water, then close the faucet.
5. Repeat step 4 as required, each time waiting approx. 30 seconds, until no more water is supplied.
6. Close each faucet. Hold sink drain open at least 10 seconds after the sink has emptied.
7. Wait until system reaches operating pressure (1 min approx.).
8. flush vacuum toilet repeatedly until no water is supplied to the bowl (minimum of 3 flushes).
9. Turn compressor off from galley touch screen.
10. Ensure all water heaters are OFF.
11. Relieve system pressure by opening applicable faucet.
12. Close each faucet.

WINTERIZING CAUTIONS

1. Vacuum toilets are vulnerable to freezing problems. The rinse lines and valves are very small and there are many places for water to get trapped. They can freeze very easily. It is very important to keep flushing the toilets until no water is supplied to the bowl.
2. Be sure to close all faucets after purging is complete. Confirm that air is coming out of the faucets, not water, before doing this. Usually there will always be a small residual amount of water that will spit out of the faucet. If faucets are left open, the moisture can freeze the faucet open which could cause overflow problems when the system is serviced again.
3. DO NOT attempt to purge the tank in flight thinking that this will shorten the time needed on the ground. Doing this will cause a huge build-up of ice on the bottom of the aircraft that could cause damage when it breaks loose.
4. **USE EXTREME CAUTION FOR ICE BUILD-UP AROUND THE FAN BLADES. SNOW CAN MELT AND RUN DOWN TO THE LOW SPOT WHERE IT WILL FREEZE AGAIN.**