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## REMCO SUPPORT DOCUMENT RSD 21-01

**Title:** Purge air from the system

**Date:** 4/2/2021 Rev: 1

**PURPOSE:** To describe the procedure of purging air out of any spray or RV fresh-water system.

### **TOOLS:**

- Water tank full preferably no chemical until procedure is completed
- Power source to the pump

### **PROCEDURE:**

#### **SPRAYER Vapor lock or Air purging**

1. Start by squeezing the trigger on the spray wand this ensures when the pump is powered on liquid has some where to go. Makes sure all other valves on the sprayer are closed (i.e. boom, bypass, agitation, pressure control)
2. With the water tank full of liquid turn the pump on
3. While still squeezing the wand trigger make sure that liquid is coming out at a steady stream with no air pulses or surges
4. While still holding the wand trigger open the boom valve, once boom valve is full open you can let go of the wand trigger this will transfer full flow over to the Boom forcing out any air
5. Make sure that all boom nozzles have good spray pattern complete with liquid with no air surges
6. With boom valve open, slowly open any other valves, like your agitation or pressure control.
7. Now all of the air is out of your system and you're ready to spray so adjust your valves back to their proper settings for wand or boom spraying
8. If nozzles are still sputtering with air there could be an air leak on the inlet plumbing see RSD 21-02 support document for trouble shooting inlet air leaks

#### **RV Fresh Water System Air Purging**

1. Make sure your freshwater tank is full of water and there is power to your pump
2. Starting with the faucet furthest away from the pump turn both hot and cold sides on for a period of 30-60 seconds or until liquid is coming out at a consistent pressure
3. Repeat step 2 for all faucets working your way back to the pump until process has been completed for all
4. Flush the toilet
5. Be sure to turn on both hot and cold sides of the shower
6. Run a short cycle on a washing machine
7. Turn on any other sources that use water and remember that some RV's have outdoor faucets
8. If faucets are still sputtering with air there could be an air leak on the inlet plumbing see RSD 21-02 support document for trouble shooting inlet leaks

IF YOU HAVE QUESTIONS REGARDING THIS SUPPORT DOCUMENT PLEASE CONTACT REMCO 763-253-4740 OR  
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