

How To Prime a Pump and Avoid Vapor Lock

Modified on: Fri, 9 Dec, 2016 at 9:03 AM

Quick Tip: If your machine has vapor locked, turn off your heater and pump and unplug your machine. Allow the machine to cool down. To help alleviate built-up pressure in your heater more quickly, depress (push down) the spring-loaded nipple located inside of the female disconnect on the machine. Use caution.

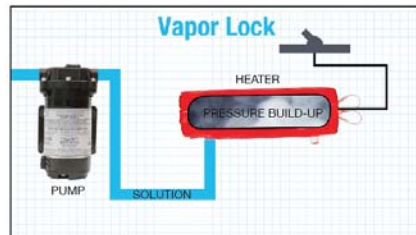
To avoid vapor lock, the pump must be primed before the heater is turned on. Read the information below or click on the link to **watch a video:** <https://youtu.be/dqr9Az2cTvk> (<https://youtu.be/dqr9Az2cTvk>).

How to Prime a Pump



What is Vapor Lock?

Vapor lock occurs when the heater is turned on first, letting it heat up before the pump is turned on. The heater starts to create pressure, and the pump has a hard time pushing solution through that pressure. If a vapor lock occurs, simply shut down the machine to allow it to cool down completely. After the machine has cooled, follow the steps below to avoid future vapor locks.



Priming the Pump

To avoid a vapor lock, the pump must be primed before the heater is turned on. Follow the steps below to ensure correct priming of the pump.

1. Turn the pump on **FIRST** (Figure A).
2. Hold down the solution lever of your cleaning tool to allow solution to flow through the cleaning tool (Figure B).
3. After following Steps 1-2 above, turn on the heater. Allow the heater 5-8 minutes to heat up the solution.
4. For continuous flow of heated solution, use 2 dry passes for every 1 wet pass. This allows the heater to heat new solution as it is being used.



Quick Tip

A quick way to alleviate the built-up pressure in your heater is to depress (push down) the internal spring-loaded nipple that is located inside of the female disconnect on the machine. **Use caution.**



REV 03.16.16