

Aquacut - Clear a Powder Clog

1. Ensure your machine is turned off.
2. Remove any powder canisters from both dosing chambers.
3. Vacuum any loose powder lying in the bottom of each dosing chamber.
4. Without any powder canisters in the dosing chambers, put the dosing chamber lids back in place and tighten them firmly.
5. Open your machine and remove the water reservoir and the empty reservoir from inside your machine.
6. Directly under the left dosing chamber is a vertical, white latch that sits inside a large spring. It must be pushed towards the right dosing chamber which allows the upper half of your machine to open fully. **NOTE: The upper half is top-heavy. Control the laying down of the upper half. Do not allow it slam down.**
7. Located at the lower left and lower right on the underside of the upper half of your machine are two filters. **NOTE: Only clean one filter at a time to keep from getting confused.** They unscrew clockwise. Unscrew the left filter assembly keeping in mind as to how the internal parts fit and work together when you remove the cover. Remove the internal parts and lay them to the side. You will see an o-ring in the bottom of the filter housing. Place a finger on this o-ring to keep from losing it and vacuum any loose powder carefully from the housing. Lightly tap the white filter knocking away any powder that may be sticking onto it. Place the internal parts back into the housing when you are done. Replace the left filter cover by screwing it on in a counter-clockwise direction. Do the same for the right filter.
8. Replace the water and empty reservoirs and close the unit.
9. Turn your machine on. You shouldn't hear any air leaks at this time. If you do hear air leaking from the machine, turn your machine off and check the dosing chamber lids for tightness. Turn your machine back on. Listen again for any air leaks. Eliminate any air leaks before continuing.
10. Verify good incoming air pressure by observing the ABC meter on the front of your Aquacut. The meter's needle should rest between B and C.
11. Select the left dosing chamber.
12. Remove the bottom hand piece twin tubing from the front of your machine and then press the foot pedal to position 3. You should hear the vibrator at this time and you should observe good airflow from the front of your machine. You may have a burst of powder exit the port where the hand piece plugs into the front of your machine. This is normal. Release the foot pedal after 15 to 20 seconds.
13. Now select the right dosing chamber.
14. Press the foot pedal again to position 3. You should again hear the vibrator at this time and you should observe good airflow from the front of your machine. You may have a burst of powder exit the port where the hand piece plugs into the front of your machine. This is normal. Release the foot pedal after 15 to 20 seconds.
15. Turn your machine off.
16. Reattach the hand piece tubing to the front of your machine. Remove the left dosing chamber lid. Place the lid out of the way for the moment.
17. Cup your hand over the left dosing chamber or hold a damp paper towel over the left dosing chamber loosely. Turn your machine on. Air should flow from the left dosing chamber along with any powder that may have been in the powder lines.
18. Turn your machine off. Replace the left dosing chamber lid.
19. Remove the right dosing chamber lid. Place the lid out of the way for the moment.
20. Cup your hand over the right dosing chamber or hold a damp paper towel over the right dosing chamber loosely. Turn your machine on. Air should flow from the right dosing chamber along with any powder that may have been in the powder lines.
21. Turn your machine off. Replace the right dosing chamber lid.
22. Remove the bottom hand piece twin tubing from the front of your machine again. Turn your machine back on. Press the foot pedal to position 3 and check for good airflow. If you have good airflow your machine is functioning properly. Continue to step 23. **If you don't have good airflow at this time you may need to call in a technician for further assistance.**

23. Reconnect the bottom hand piece twin tubing to the front of your machine.
24. Turn your machine on.
25. Press the foot pedal to position 3 and check for good airflow from your hand piece. Make sure to check the hand piece using both dosing chambers. If you have good airflow from both dosing chambers you are ready to use your machine again. **If you don't have good airflow from your hand piece continue to step 26.**
26. Remove the twin tubing from your hand piece. Keep the other end connected to your machine. Press your foot pedal to position 3. If you have good airflow from the twin tubing, blockage may be within your hand piece. Go to step 27. If you don't have good airflow from your twin tubing reverse the direction of air flowing into the twin tubing and press the foot pedal to position 3 to try and clear the blockage. Test the twin tubing again. If you still have little or no airflow through the twin tubing then replace it.
27. Take the end of your twin tubing and hold it against the tip of your hand piece. You will now be back blowing air through the hand piece. Press your foot pedal to position 3 and blow air through the hand piece to clear the blockage. If you don't feel good airflow coming from the hand piece then try cleaning the hand piece with the cleaning wire that was supplied with your accessory kit. Test the hand piece again. If blockage still exists then replace the hand piece.
28. Connect the hand piece back to the twin tubing. Press your foot pedal to position 3 and check for good airflow. If you have good airflow then you're ready to use your machine again.