



Spray your way to
the perfect finish

POWER VS SERIES TURBINE MAINTENANCE GUIDE



CAUTION

Always unplug your turbine from the main electrical supply before doing any maintenance or repairs.

AFTER EACH USE

Very little maintenance is required on Apollo turbo spray systems due to the advanced engineering. The turbine motor has sealed bearings that are lubricated for life. The only maintenance that you will need to perform is checking, cleaning, rotating and replacing your filters and pre-filters as required. You should check your filters every 10 hours and replace as necessary. It is very important that your motor has cool, clean air to operate efficiently. If you maintain your filters and prefilters well, you will enjoy many years of long service from your turbine motor.

In order to assist you in keeping accurate records of your maintenance and performing it according to the schedule we have built an hour meter into the POWER VS models. Make note in the back of the instruction manual of the hours each time you clean, rotate or replace your filters and pre-filters. If you write down the total number of hours each time you do your maintenance, you will have an accurate record of the last time you did it and when it needs to be performed again.

NOTICE - Always use genuine Apollo filters and pre-filters. Other types of filters and pre-filters may prevent proper air flow to the motor, resulting in premature motor failure and voiding your warranty.



A4096
Pre-Filters



A4171
Replacement Filters



For other Genuine Apollo replacement parts and accessories please visit our web site and on-line catalog.

HVLP.com

PRE-FILTER MAINTENANCE

We recommend that you remove and clean your pre-filters after each use.

1. To remove the pre-filters: push your finger between the filter and pre-filter until you can curl it up and pull the pre-filter off, rotating your finger around the pre-filter as you pull. Do not pull hard as you will break the glue line on the pre-filter. Make sure you check both pre-filters as they can get dirty at different intervals. If they appear to be a little dirty or clogged, you can wash them out using a mild soap and warm water. If they are not cleanable you need to install new pre-filters.

To reinstall the pre-filters, hold one in both hands and apply the top first, moving your fingers around the inside as you slide it back over the filter cartridge from top to bottom.



FILTER MAINTENANCE - NEVER operate your turbine without both filters and pre-filters installed and clean.

We recommend you visually check your filters every 10 hours.

Check for accumulated material in the filter element. If you suspect they may be dirty, or if you can see material building up, don't take a chance, remove the filter and hold it up to the light. If you see about 50% of the light coming through the filter rotate the filters. If you see less than 80% of the light coming through the filter it is time to replace them.

2. To remove your filters, remove two dome nuts with a 7/16" nut driver or wrench.
3. Pull the filter plate off. **NOTE:** Filter plate can hang up on the threads so make sure you pull it off straight.
4. Remove filter. If filter is stuck to the side of the case, tap gently with your hand.
5. Remove the foam filter element and inspect as detailed below.



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FOAM FILTER INSPECTION & CLEANING

If they appear to be dirty, tap them gently on a flat surface to remove any debris. If you have compressed air available, you can also blow them off with air. If you use compressed air to clean your filters, make sure you blow the air from the inside out and never use more than 50 PSI or this will damage the filter element. When the filter in the back of the unit looks like it is 50% clogged, rotate that filter to the front and put the front filter on the back. This will help to make your filters last a little bit longer as the back filter gets clogged faster than the front filter.

NOTICE - Filter element may be damaged if more than 50 PSI of air pressure is used to blow out filter element.

To reinstall the filters, reverse the instructions above. Make sure that you line the filter up with the filter plate first, this will help to keep it straight when replacing the dome nuts.

ANNUAL MAINTENANCE

Check carbon brushes at least once a year or every 150-175 hours, whichever comes first. To check your carbon brushes, consult with an Authorized Apollo repair facility.