

Air Filter Servicing

People often ask why an air filter is needed. The answer is: pollution. The truth is that most boaters operate their boats in urban areas close to shore where there is more dirt in the air than they realize. It doesn't take long to see the dirt building up on the air filters.

Most pleasurecraft owners should clean their filters each boating season. Proper care of your air filter is so important that this whole page is committed to instructing you on the proper method of cleaning them. For best results (and to avoid damage to your Airsep® and Vacuum Regulator air filters), use only the **Walker Cleaning and Re-oiling Kit (part# DDF9000)**. For information contact your local Walker Airsep® dealer. Failure to clean the Airsep® filter and the Vacuum Regulator/Limiter will affect the operation of the Airsep® and may cause damage to the engine.

Note: A filter that is damaged or clogged with soot due to an exhaust leak may not be able to be cleaned to maximum flow condition. Replacement of the element may be necessary.

1. Pre-Cleaning

Remove the air filter element from the Airsep®. Tap the filter element to dislodge any large embedded particles or dirt. Then gently brush the filter element with a soft bristle brush. (Note: If complete cleaning at this time is impractical, you may re-oil and reinstall the air filter element.)

2. Spray On Cleaner

Each bottle of Walker Cleaning Solution is good for four filter cleanings when using a standard size filter. Spray the cleaning solution on the filter element and let stand for ten minutes. Large filter elements can be rolled or soaked in a shallow pan of solution for ten minutes (dilute the solution with a small amount of water). Do not use the following methods or liquids for cleaning the filter element:

NO GASOLINE CLEANING
NO STEAM CLEANING
NO CAUSTIC CLEANING SOLUTIONS
NO HIGH PRESSURE WATER OR AIR
NO PARTS-CLEANING SOLVENTS

3. Rinse Off

Rinse off the filter element with low water pressure. Tap water is O.K.. Always flush from the clean side to the dirty side. This will remove the particles and dirt, and not drive it into the filter.

4. Drying The Filter

After rinsing, shake off all the excess water and let the filter element dry naturally. (Leaving outside in the sun will speed the process.) Do not do the following:

DO NOT USE COMPRESSED AIR
DO NOT USE OPEN FLAME
DO NOT USE HEAT DRYERS

5. Re-Oiling The Filter

After cleaning, always re-oil the filter element with Walker Air Filter Oil before using. The effectiveness of the air filter is greatly reduced if it is used without oiling. Sparingly squeeze small amounts of the oil out of the bottle across the top of each pleat. Let the oil wick into the filter element for twenty minutes. Then re-oil any white spots that are still showing. Do not use any of the following lubricants to re-oil the filter element:

NEVER USE AUTOMATIC TRANSMISSION FLUID
NEVER USE MOTOR OIL
NEVER USE DIESEL FUEL
NEVER USE WD-40®,
OR ANY OTHER LIGHTWEIGHT OIL

6. Maintenance Schedule

The Walker AIRSEP Air Filter Element should be cleaned every 250 hours of operation or once a year, whichever comes first. The air filter element should be replaced after three cleanings. The Vacuum Regulator/Limiter must also be cleaned every 250 hours, as described below. In addition to a regular maintenance schedule, the air filter element and Vacuum Regulator/Limiter filter must be cleaned any time the restriction gauge on the AIRSEP turns red.

7. Cleaning The Vacuum Regulator/Limiter

The Vacuum Regulator Filter can be cleaned **without removing** the Regulator from the System. Using a standard blade screwdriver, undo the filter and follow Steps #1 through #5. Reinstall the filter when done.

To clean the Vacuum Limiter, do not attempt to remove the filter. Remove and clean the entire unit by simply following the same cleaning and oiling steps listed above--Steps #1 thru #5. Reinstall the unit when done.

The Walker cleaning kit cleans up to (4) 9" x 12" elements. Order one today (part # DDF9000).