

### **Atlantic LGR Filter Schedule**

The air filter is used to keep dust, dirt and other contaminants from entering the dehumidifier system. It is important to always operate the dehumidifier with a clean air filter in place. Replace the air filter regularly during and after jobs that contain large amounts of contaminants such as: dry wall dust, mud, mold, mildew, or animal hair.

There are no set time limitations on a filter because each job site is different. If a filter becomes clogged with particulate and creates a flow restriction it will dramatically effect the operation and effectiveness of the unit. Always check the quality and conditions of the air filter at the beginning of each job.

Simple and quick checks:

1. Hold filter up to light, light should be easily seen through filter;
2. When tapped, filter should not be dusty;
3. During operation: Place hand 6" from air exhaust making note of airflow. Then remove filter, if there is a noticeable difference in flow change filter.
4. If last job was extremely dusty or contained mold and or mildew, replace filter.

### **Condensate Pump Cleaning Schedule**

The condensate pump is an important part of the dehumidifier because it collects water from dehumidification and pumps it out automatically. If the condensate system becomes blocked or hindered in any way it can interfere with proper water removal from the job site.

It is extremely important to properly maintain a clean and functional condensate system. This can be done by:

1. Always operate dehumidifier with air filter in place.
2. After every job flush the pump out with water. To do this you will need to:
  - a) Remove air filter from top of unit, slowly pour approximately 6-8 quarts of water down through top of unit until pump automatically purges all water.
  - b) Remove air filter from top of unit and slowly pour cleaning solution down through top of unit until pump automatically pumps out solution. Be sure to follow manufacturer warnings and directions.
  - c) Flush the rest of the contents out with manual purge button.
  - d) The condensate pump should be flushed thoroughly with non-corrosive mold and mildew cleaner after jobs containing mold and mildew damage. This process will aid in preventing cross contamination within job sites.

## **Heat Exchanger Cleaning Procedure**

The heat exchanger aids in the pre-cooling of the ambient air as it is processed inside the dehumidifier. The heat exchanger is in the direct flow of the incoming air therefore it is exposed to any and all contaminants that pass through the air filter. Maintaining a clean surface area is very important for proper heat transfer and preventing cross contamination between jobsites.

To clean the heat exchanger you will need to:

1. Remove the front panel of the unit.
2. Locate the edge of the heat exchanger (Outlined with silver tape on the upper right side of unit).
3. Cut out around edge of heat exchanger and remove black insulation square.
4. Pull heat exchanger out using the black finger straps.
5. Hose down unit with garden hose or a slightly pressurized water source. (Avoid high-pressure washers to prevent damage to the heat exchanger)
6. Spray non-corrosive mold and mildew remover on all sides of heat exchanger.
7. Rinse properly and re-install.
8. Make sure insulation is properly and tightly sealed back into place.
9. Re-install cover.