

Chapter 6. MAINTENANCE

6.1 DEALER ROUTINE MAINTENANCE

This section describes scheduled and routine maintenance procedures. Normal routine maintenance involves periodic checking, cleaning, and or replacing the following items as necessary:

- Inlet Filter
- Micro-Disk Filter
- Cabinet cleaning
- LPM flow setting to the prescribed level
- Oxygen concentration level

Routine maintenance is very important in prolonging dependability and in reducing costly repairs. Long-term maintenance and regular checking of the filters helps assure the efficient operation of the unit.

6.1.1 FILTERS

Respironics recommends checking and replacing the Inlet Filter every two (2) years. Respironics also recommends checking and replacing the Micro-Disk filter as necessary.

6.1.2 CABINET

Commensurate with hospital or homecare policies, Respironics recommends cleaning the cabinet and inspecting for damage as necessary. Ensure that the small holes on the Inlet Filter door are unobstructed. Refer to the Tools and Equipment section for approved cleaning solution.

6.1.3 FLOW SETTING

Commensurate with hospital or homecare policies, Respironics recommends verifying the patient flow setting as necessary.

6.1.4 OXYGEN CONCENTRATION VERIFICATION

Commensurate with hospital or homecare policies, Respironics recommends verifying the oxygen concentration level per homecare provider's policies as necessary. Refer to the Testing section for more detailed instructions on how to check the oxygen concentration level.

6.1.5 COMPRESSOR

Respironics does not require routine maintenance or recommend field service of the EverFlo Oxygen Concentrator compressor. The compressor may require replacement when:

- The system pressure is not within specifications and there are no leaks detected.
- The compressor bearings have worn to a point that make the compressor noticeably louder.

6.1.6 HUMIDIFIER CONNECTOR TUBE AND CONNECTOR

Commensurate with hospital or homecare policies, Respironics recommends disinfecting the tube and connector using 70% isopropyl alcohol.