

Daily

A. Clean Vacuum Piping System.

Clean vacuum piping system with a non-foaming vacuum system cleaner. Midmark recommends Precision Clense, Order No.77000570.

Note: By using a non-foaming vacuum system cleaner on a daily basis, the PowerVac® separation tank will stay rinsed and clean. This practice helps protect the internal tank controls and eliminates the need to rinse the separator tank. (refer to the Power Vac® Service and Parts manual located on Technical Library (Documark) at www.midmark.com, Midmark P/N 004-0494-00 regarding rinsing the separation tank.)

- 1) Start at the furthest operatory from the vacuum.
- 2) Suction cleaning solution.
(Follow mixture instructions provided with the vacuum system cleaner.)
- Note: Alternate air and vacuum while cleansing; submerge and remove HVE and SE from mixture several times until mixture is consumed.*
- 3) Keep the cleansed vacuum lines (HVE and SE) open and move to the next operatory.
- 4) Repeat steps 1-3 until all vacuum lines are cleansed.

Note: PowerVac® MUST run for 5 minutes after all operatories are cleansed.

Vacuum Level Adjustment Procedure

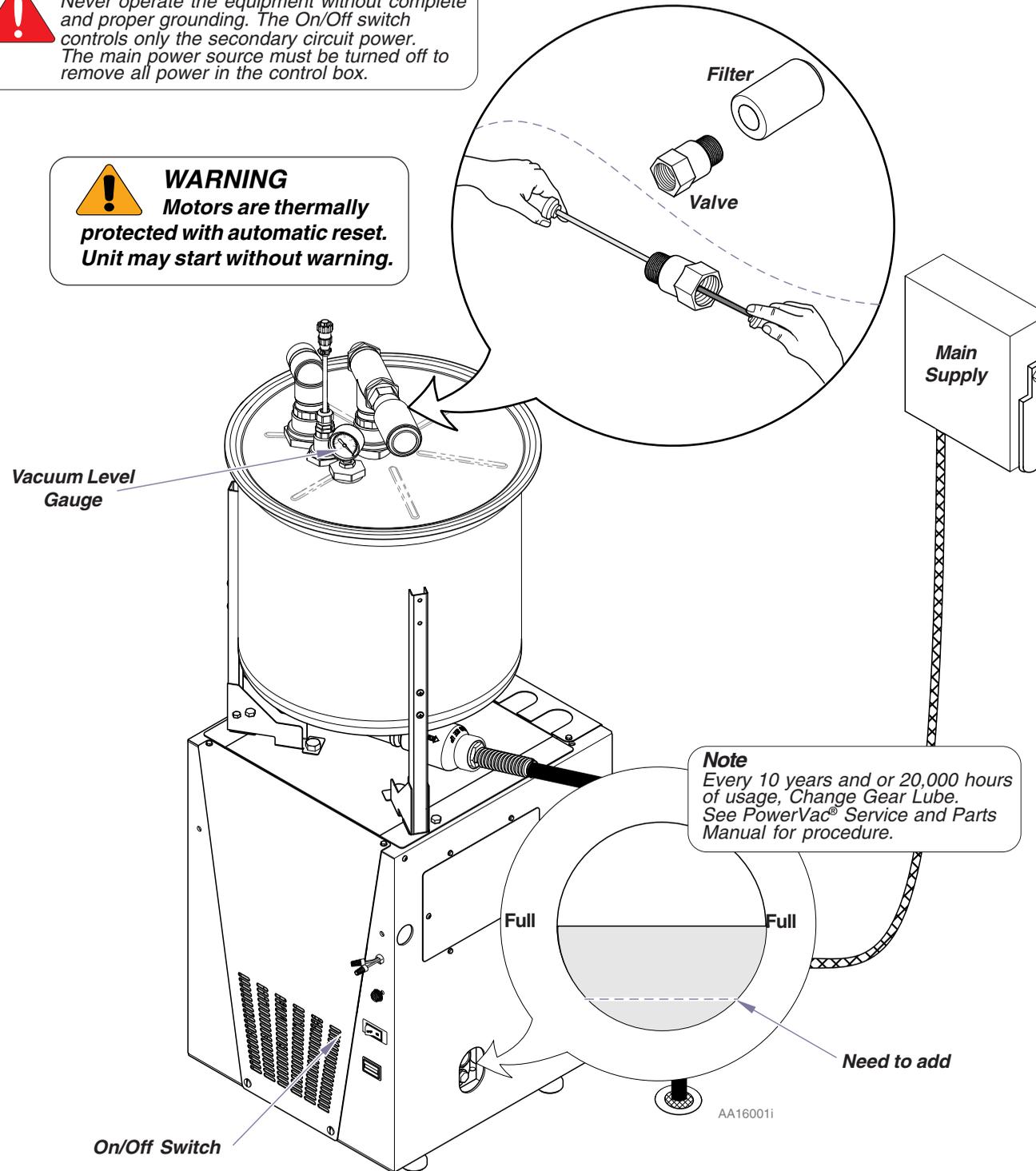
Adjust the center mounted screw inside the valve.

Use 1/4 inch nutdriver and phillips screwdriver. Each full clockwise turn increases the vacuum level by approximately 2" Hg.

Caution
Never operate the equipment without complete and proper grounding. The On/Off switch controls only the secondary circuit power. The main power source must be turned off to remove all power in the control box.

WARNING
Motors are thermally protected with automatic reset. Unit may start without warning.

Classifications: Class 1, Type B Applied Part



NOTE: No routine maintenance is required with the PowerVac®. However, it is always a good idea to visually inspect the following items.

Quarterly Inspection

A. Check Gear Lube Level in Sealed Gearbox.

The PowerVac® utilizes a gearbox which houses synchronized gears used to rotate the pump's rotary claws. The gearbox is double-sealed and contains an air gap to insure no gear lube can ever be transferred to the vacuum producing chamber. The gear lube level is set at the factory to 1/2 full. A site glass is provided to visually inspect the gear lube level. If the gear lube level is 1/3 full or less, contact Midmark Technical Service at 1-800-MIDMARK or refer to the PowerVac® Service and Parts Manual located on Technical Library (Documark) at www.midmark.com, Midmark P/N 004-0494-00.

B. Inspect Vacuum Relief Valve Filter

If the mechanical room contains excessive contaminated air, the VRV filter may become dirty. If it appears clogged, contact Midmark Technical Service at 1-800-MIDMARK or refer to the Power Vac® Service and Parts manual located on Technical Library (Documark) at www.midmark.com, Midmark P/N 004-0494-00.

Annual / 2,000 HR Inspection

A. Inspect Belt

If the belt appears loose, makes noise, abnormally worn, contact Midmark Technical Service at 1-800-MIDMARK or refer to the PowerVac® Service and Parts Manual located on Technical Library (Documark) at www.midmark.com.

B. Inspect Tank

If required, use garden hose adapter and flush tank with garden hose. Refer to procedure in the PowerVac® Service and Parts Manual located on Technical Library (Documark) at www.midmark.com.

