



Daily & Routine Maintenance of Anesthetic Machines

Vaporizer Care:

- Clean fill cap, o-ring and funnel with alcohol moistened gauze
- Tighten drain pin in center of funnel (not applicable with all vaporizers)
- Clean vaporizer externally with moist gauze

Changing Soda Sorb:

- Replace when color changes or every month
- Remove granules and dust from all surfaces
- Check gaskets for warping and canister for cracks
- Do not over fill the canister
- Perform a pressure test

Care of the Machine:

- Disconnect breathing tubes & bag from machine when not in use
- If one way valves have excessive moisture, remove dome and wipe dry
- Check vaporizer connections

Care of the Breathing Accessories:

- Wash breathing tubes with mild soap & water, rinse and hang to dry
- Rinse and hang bag

Pressure Test:

- Occlude the inspiratory, expiratory and rebreathing bag port.
- Close the pop-off valve.
- Using the flowmeter (**DO NOT USE THE FLUSH VALVE**), increase the pressure on the manometer to 30cm/H²O.
- Turn the oxygen off.
- Observe the manometer for 30 seconds.
 - If the manometer remains at 30cm/H₂O, the equipment is safe to use.
 - If the manometer increases in pressure, there is a significant oxygen leak in the flowmeter or flush valve and needs to be corrected before using the machine.
 - If the manometer pressure begins to drop, set the oxygen flow at 200cc/minute and observe the manometer.
 - The pressure on the manometer should remain constant or rise.
 - If the manometer continues to drop there is a leak in the equipment which needs to be isolated and corrected before using the machine.
 - If a leak is detected, turn off oxygen cylinder or disconnect equipment. Contact your Vetamac service technician for assistance.
 - **VERIFY THE POP-OFF VALVE IS OPEN AFTER PRESSURE TESTING IS COMPLETE!!**



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1-800-334-1583



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130 Roth Court, Suite 100

PO Box 178

Rossville, IN 46065