



Help! I think I have an oxygen leak!

E Tanks

1. Make sure flowmeter knob is in the off position
2. Turn on E tank and wait for needle to stabilize on gauge
3. Turn off E tank
4. Monitor any drop in pressure on gauge after ten minutes
5. Line pressure should not drop more than 4psi/min and there should be no audible leaks
6. If leak heard or leak is more than 4psi/min:
 - a. Check and tighten connections-repeat above steps
 - b. Call your Vetamac service technician

H Tank with anesthesia machine connected directly to tank

1. Make sure flowmeter knob is in the off position
2. Turn on H tank and wait for needle to stabilize on gauge
3. Turn off H tank
4. Monitor any drop in pressure on gauge after ten minutes
5. Line pressure should not drop more than 4psi/min and there should be no audible leaks
6. If leak heard or leak is more than 4psi/min:
 - a. Check and tighten connections-repeat above steps
 - b. Call your Vetamac service technician

H Tank connected to central/hospital supply

1. Disconnect all anesthesia machines from wall or ceiling (when possible)
 - a. If any machines are still connected, make sure flowmeters are turned off
2. Turn on H tank and wait for needle to stabilize on gauge
3. Turn off H tank
4. Monitor any drop in pressure on gauge after ten minutes
5. Line pressure should not drop more than 4psi/min and there should be no audible leaks
6. If leak heard or leak is more than 4psi/min:
 - a. Check and tighten connections-repeat above steps
 - b. Call your Vetamac service technician

Leaks and quick connects

1. Determine which end is leaking. It could be the male end that plugs into either a female quick connect or in a wall port faceplate. The female quick connect or the wall faceplate could also be the source of the leak.
2. Plug the male end into at least two different connections to see if leak repeats. If it does Vetamac recommends and can replace the male quick connect on that particular hose.
3. If the male end only leaks in one connection most likely it is the other side of the connection. If it is a female quick connect Vetamac can replace it. If the faceplate is leaking Vetamac can repair it if we have access to the repair kit for your particular brand of faceplate.

4. The oxygen source may need to be turned off for the duration of these repairs.

Vetamac recommends oxygen line pressure be no higher than 60psi. Use caution when using and troubleshooting oxygen tanks and connections. We recommend tanks be turned on slowly and all the way open when turning on. We recommend no solution be sprayed on or tools with any oily residue be used on oxygen tanks and connections.

