



Concentrator Talk - September 8, 2022

#	Topic	Video Link
1	Introduction and Welcome	Link
2	I am working on a DeVilbiss 525 from our workshop. The rotary valve keeps on stopping after some 2-5 minutes of running the oxygen concentrator. I therefore tried servicing the valve, cleaned it and changed the o-rings, but that did not work. I even tried changing the control board, but the behavior of the rotary valve did not change. What can be the problem and how can it be solved? Is it fine to replace the stepper motor with some other working motor but a different brand?	Link
3	Two weeks ago I had an infant in need of oxygen therapy, I was using a DeVilbiss 1025 connected to an oxygen splitter. The flow on the oxygen concentrator was less than 2 as I needed 0.5 lpm oxygen using my flow splitter. The problem was that this equipment started giving out a service required alarm and I had to use another concentrator, a Canta V5, for the therapy. The Maintenance technician is telling me that there is nothing wrong with the DeVilbiss 1025. What could have been the source of the alarm if really nothing is wrong with the machine.	Link
4	I am a male nurse for a male ward at a certain district hospital and I have been told to always clean the oxygen concentrators in my ward once every week. How can I properly clean the concentrator? What are some of the maintenance rules for oxygen concentrators?	Link
5	We have a Jay-5 concentrator with dual flowmeters in our workshop. The concentrator needs to be assessed to determine if it needs servicing. Unfortunately, I am not able to assess the concentrator because it has missing flowmeter knobs on both flowmeters. And we do not have spare flowmeter knobs for Jay-5 concentrators. If I replace the missing knobs with flowmeter knobs of a different concentrator model will the flowmeters work as required?	Link
6	Hi, we recently received an Oxyflow 5 machine with a reported problem of No Power. Upon incoming evaluation we realized the machine doesn't run but the screen is flickering on/off. What can be the cause of this?	Link
7	Devilbiss 515 & 525 Control Board	Link
8	I joined the concentrator talk hosted on September 1, 2022, and there was a question concerning explosion capacitors and how to avoid the capacitor's explosion, the capacitor must be discharged. How can you discharge a capacitor for oxygen concentrators?	Link
9	What are the common causes of pressure build up in Oxygen concentrators? And what are the steps one can take during troubleshooting to identify the root cause of pressure build up in an Oxygen concentrator?	Link