



Concentrator Talk - September 1, 2022

#	Topic	Video Link
1	Introduction and Welcome	Link
2	Hello, I am working on a Longfian Jay-5 Oxygen Concentrator. I switched the concentrator ON but there was no Oxygen coming out on the outlet of the concentrator even though the compressor was running. I disconnected the pipe from the valve block which is connected to the exhaust port of the compressor on the other end and there was air coming out of the compressor exhaust port. When I connected the pipe back to the valve block, I noticed that the relief valve on the compressor was popping. What could be the cause of this problem and how can I fix it?	Link
3	I have seen several oxypure oxygen concentrators that came in our workshop with exploded capacitors. What is the cause?	Link
4	I am a biomedical technician and I have been asked to conduct user training on oxygen concentrators at a certain private hospital. This will be my first time to conduct such an event. Can someone enlighten me on the topics that I should include in my presentation?	Link
5	We have recently received one Platinum 9 oxygen concentrator from Invacare. The concentrator is working fine at higher settings giving a purity of 95% at setting 9. The pressure outlet is also 9 psi as per specifications. Now we run the concentrator below 2 lpm and it is giving a low purity alarm. We have faced such problems at higher settings but not at lower settings. Suggest a solution please.	Link
6	A few days ago I was conducting PPM on Oxygen concentrators of different models. I then came across two Longfian Jay-5 Oxygen concentrators. When I removed the covers of the metal casing that encloses the compressor in both concentrators, I noticed that the compressor was tied to the base of the unit using a cable tie and I did not see this cable tie in other concentrator models. Can someone explain to me if the cable tie around the compressor in Jay-5 has any special function?	Link
7	I was working on a DeVilbiss 525, which had a low oxygen purity level. The oxygen concentrator had no leakages in the tubing. I then tried refilling the beds, and when I checked, the purity level was still very low. After that I tried checking the control board and surprisingly there was a leakage on the oxygen sensor on the ends where we have o-rings. How do I fix it?	Link
8	How to take care of oxygen concentrators	Link
9	Hi, I'm a technician working for an Oxygen concentrator supplier in South Africa. We received a concentrator with a reported fault of Low oxygen purity. Upon evaluation we noticed that the power failure alarm, alarms whilst running but the screen shows normal operation. When we switch the device off from the Socket Outlet the power failure alarm stops. What could be the cause?	Link



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10	I have a damaged product regulator for an Airsep Intensity oxygen concentrator for the Male Ward at our Community Hospital. I do not have a spare AirSep model product regulator instead I have a generic pressure regulator that I could use on the concentrator. Is it okay if I use the generic pressure regulator?	Link