



Concentrator Talk - November 10, 2022

#	Topic	Video Link
1	Introduction and Welcome	Link
2	What is the use of the spring which is found inside the sieve beds?	Link
3	When I opened up the sieve beds of a Jay 5 oxygen concentrator, I found that the bottom part of the bed had some relatively larger in diameter zeolites. I wanted to know the purpose of the large diameter zeolite and if I could refill my sieve beds without this type of zeolite?	Link
4	Does an oxygen concentrator have a life span, if it does are there any ways to prolong the usage period of the concentrator?	Link
5	Hi, I am working on a Longfian Jay-5 concentrator which has run for less than 1000 hours. The concentrator is producing low oxygen purity of 78%. When I opened the covers of the concentrator to assess the connections inside, I discovered that there was a leakage on the copper pipe just close to the aluminium fins on top of the metal casing of the compressor. I tried to seal the leak with an adhesive but the pipe is still leaking. What can I do to solve this problem? Is it okay to just replace the copper pipe with any other pipe, for example, a hose?	Link
6	Hello, I am a biomedical technician at a certain district hospital. While servicing the compressor I noticed that the flapper/reed valves on the compressor were broken. I have never replaced reed valves and I wanted to know the steps to follow when replacing them?	Link
7	Hello I am a biomedical technician at Dedza district hospital, we have 3 Devilbiss 525 oxygen concentrators. One of them is not giving an audible sound alarm when there is a power failure. What can be the problem?	Link
8	How to Reduce Noise from Oxygen Concentrators	Link
9	If an oxygen concentrator purifies the air to produce a higher concentration of oxygen, why is that we get only 95.6% percent at the outlet and not 100% oxygen?	Link
10	Hello, I was looking into how long zeolite in a concentrator is supposed to last. The literature I looked at said it takes 6–12 months. I've worked on concentrators that needed new zeolite even before six months had passed since refilling. What is the reason for this difference and how can I prolong the life span of zeolite in an oxygen concentrator?	Link