



Concentrator Talk - November 17, 2022

#	Topic	Video Link
1	Introduction and Welcome	Link
2	Hello i am a biomedical technician from Dowa district hospital. We were working on an oxygen concentrator that had a popping relief valve. We refilled the sieve beds and serviced the compressor but the relief valve is still popping. What can be the problem and how can I know if the relief valve is faulty?	Link
3	Hello i am a biomedical technician at Nkhata Bay district hospital,one of our oxygen concentrators was giving low oxygen purity and we took it to the workshop for servicing. I noticed that the bacteria filter was broken. How can a broken bacteria filter contribute to low oxygen purity and what are other alternatives if the bacteria filter is not available?	Link
4	Hello, I am a biomedical technician at a certain hospital. I have not done a lot of oxygen concentrator repairs and I came across an oxygen concentrator in the ward. The concentrator runs and continues to cycle but has low oxygen concentration. What is causing this and where should I focus on to solve this problem?	Link
5	Hi, I am a biomedical technician at a certain clinic. I noticed that it is only the Airsep Oxygen concentrator models which have an equalization valve. Does it mean that the equalization process does not occur in the other concentrator models? And how is it different from the purging process in Oxygen concentrators?	Link
6	Hi, I am working on an Airsep Intensity 10 concentrator and it has a broken pressure regulator. We do not have spare pressure regulators for Airsep intensity concentrators. Can I use a pressure regulator from another concentrator model like the Devilbiss to replace the broken one?	Link
7	Hello, what could be the effect of replacing a pair of sieve beds with another pair of different size? For example, replacing the sieve beds in an Airsep Newlife intensity with those of the DevilBiss 525 drive?	Link
8	Factors That Affect the Performance of Oxygen Concentrators	Link
9	Hello, we have an Airsep Newlife Elite concentrator brought to our workshop from a certain hospital. The compressor of this concentrator shuts down intermittently. What could be the problem and how can it be solved?	Link
10	Hi, I am a biomedical technician at a certain clinic. We have about 10 DeVilbiss 525 oxygen concentrators with refillable sieve beds and they all have problems of low Oxygen purity. We want to purchase Zeolite so that we can refill the sieve beds of these concentrators in order to return them into service because we do not have enough working concentrators at the facility. What type of Zeolite should we purchase? And what equipment or instruments are required to lower the humidity and to open the sieve beds and refill them?	Link