



Concentrator Talk - August 25, 2022

#	Topic	Video Link
1	Introduction and Welcome	Link
2	We have received one Philips Everflo oxygen concentrator with a problem of not powering on. We tried changing the power socket but it was the same status. When we opened the machine, we found that the fuse was blown off. We replaced the fuse & when the machine was turned on the fuse was again blown off. What can be the reason please suggest?	Link
3	We have 5 oxyflow 5 oxygen concentrators at our hospital. Generally when there is a problem with the machine the display shows H01 OR H04 Alarm. But it does not indicate which part is faulty. Is there any process to find out which part is faulty in the oxygen concentrator?	Link
4	I am a field technician working for a certain company. I wanted to know if there is any way I can measure the flow delivered by the oxygen concentrators.	Link
5	I have an Airsep with no flowmeter and I'd like to replace it with a new one. At the moment, we have no spare AirSep flowmeters in our workshop. We do however, have a DeVilbiss 515 flowmeter that is not being used. Can I take that flow meter and use it on the Airsep?	Link
6	Hello, I work at Nsanje District hospital. Last week we experienced a power surge and one of the concentrators: model Airsep started malfunctioning, it is producing a popping sound and not producing any air on the patient's outlet. What could be the problem?	Link
7	Filters in Oxygen Concentrators	Link
8	During preventive maintenance carried out at COVID-19 isolation center, I came across three oxygen concentrators that were connected to patients but did not have cabinet filters. No one knew where the filters were placed and we had no spare filters in our workshop stores. Was it safe to continue using these oxygen concentrators? If not, what could be the effects of their absence to both patients and the concentrator?	Link
9	I am a Biomedical technician working as a trainee at a certain health clinic. I am carrying out preventive maintenance on oxygen concentrators but currently we do not have an oxygen analyzer which I can use to test the oxygen purity of these oxygen concentrators. There are pressure gauges that I can use to test the pressure at the patient outlet and also the sieve beds output pressure. If I test the pressure and find out that the concentrators are producing the required pressures, can I conclude that the concentrators are working perfectly? And what is the recommended pressure at the patient outlet, is it the same for all concentrator models?	Link



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10	I am working on an invacare perfecto 2. The concentrator has a problem of low oxygen purity. I have refilled the beds and checked for leaks. I have also tested the compressor and it seems to be in a good working condition. However, the purity hasn't improved. What more can I do to improve purity?	Link
11	I am servicing an Oxygen concentrator whose compressor is not working and is rated 110V. I have a spare compressor of the same model but it is rated 220V and the voltage that we get from our socket outlets is 220V. If I replace the 110V compressor with a 220V compressor what will happen, will the unit work?	Link