



## Concentrator Talk - January 12, 2023

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| # | Topic  | Video Link           |
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| 1 | Introduction and Welcome   | <a href="#">Link</a> |
| 2 | I am working on the old model of Devilbiss 515 concentrator which uses the solenoid valve block. I have installed a pair of sieve beds with new zeolite and the compressor is also in good shape. The only problem remaining is that the solenoid valve block is malfunctioning and we do not have a spare valve block but we do have spare rotary valves in the workshop. Can I replace the solenoid valve block with the rotary valve? | <a href="#">Link</a> |
| 3 | I've serviced a few oxygen concentrators, and some have cooling pipes with fins while others don't. What is the function of the fins? What impact do bent or damaged fins have on oxygen concentrators?  | <a href="#">Link</a> |
| 4 | Hello, I'm working as a procurement officer at a certain hospital. We are planning to purchase oxygen concentrators and I would like to know some of the accessories that are required for concentrators.  | <a href="#">Link</a> |
| 5 | Hello, I'm a Biomedical Technician at Mchinji District Hospital. We went for a two week holiday in December, 2022 and resumed work on 2nd of January. I have found a Devilbiss 525ks that was working just fine when we left for the holiday sounding a low oxygen alarm. After measuring the purity, I found it is 66% but I had refilled the beds two weeks before the holiday. What could be the problem and how can it be rectified? | <a href="#">Link</a> |
| 6 | I work at a certain hospital as a technician and we have an Airsep intensity concentrator in the wards. I know a concentrator makes noise when it is running but this concentrator makes a lot of noise that is becoming unbearable for patients in the wards. Why is this concentrator producing such noise and how can this noise be reduced?  | <a href="#">Link</a> |
| 7 | Safety When Handling Oxygen Concentrators  | <a href="#">Link</a> |