

# DEVILBISS OXYGEN CONCENTRATOR SERVICE AND MAINTENANCE LOG



Catalog / Model Number \_\_\_\_\_ Serial Number \_\_\_\_\_

## INITIAL INSPECTION

1. Upon receiving, examine the unit for external damage.
2. Check to be sure the intake filter and the cabinet air filter are in place.
3. Plug the unit into an electrical outlet, turn the unit 'On,' and check the audible/visual alarms.
4. Set the flow meter at the maximum recommended flow rate and allow the unit to run for 20 minutes.
5. Using an oxygen analyzer, check the concentration.
6. With unit still running, unplug to test the power fail alarm.

## BETWEEN-PATIENT MAINTENANCE

In case of a change of patient, the device must be reconditioned to protect the user. Reconditioning must only be carried out by the manufacturer or service provider.

DeVilbiss Healthcare recommends the following as minimum between-patient maintenance. If the unit is due for periodic provider maintenance, those items should be completed in addition to the list below.

1. Discard oxygen tubing, cannula/mask, oxygen outlet connector, and humidifier bottle.
2. Replace cabinet air filter.
3. Clean the concentrator cabinet.
4. Inspect all plugs, cords, and components. Replace any damaged or worn components.
5. Check oxygen concentration. If the unit falls within specification, the extended life intake bacteria filter does not need to be replaced between patients. If the concentration is not within specification, refer to troubleshooting.
6. If the device has been exposed to contagious pathogens, it should be discarded.

## PATIENT/CAREGIVER MAINTENANCE

1. Clean and replace oxygen tubing, cannula/mask, and humidifier bottle (if used) according to the manufacturer's instructions.
2. Cabinet air filter - clean weekly

## PREVENTIVE MAINTENANCE CHECK

Perform the PM at the interval shown for each model in the Service Interval Chart below. Use the Log on the back to track PM:

1. Record Hours
2. Perform Purity Check – check with an oxygen analyzer and record the oxygen percent
3. Verify Audible Alert and Indicator Lights at each service.
4. Inspect Filters and replace as necessary

**This PM Schedule assumes typical residential conditions.**

- Standard service intervals are noted below. Service interval may be more or less frequent than stated below provided that the Home Care Provider establishes and documents appropriate protocols.

DeVilbiss Oxygen Concentrator Preventive Maintenance Service Intervals					
Model	Purity Check	Compressor Filter	Final Bacteria Filter	Cabinet Filter	Intake Filter
515ADS/515AKS	2 Years	Inspect in conjunction with compressor service. Replace as necessary.	Inspect in conjunction with compressor service. Replace as necessary.	Wash on each inspection. Replace as necessary.	Inspect every 2 years. Replace as necessary.
515ADZ/515AKZ	6-12 Months				
525 Series	2 Years				
515DS/515KS	2 Years				
515DZ/515KZ	6-12 Months	Inspect in conjunction with compressor service. Replace as necessary.	Inspect every 6 years. Replace as necessary.		Inspect every 3 years. Replace as necessary.
306 Series	3 Years				

**For service and maintenance log, refer to other side.**

**For a service manual or technical assistance, call:**

**USA/Puerto Rico (800) 338-1988 • Europe +49-621-178-98-230 • International (814) 443-4881**

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