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AirSep®  SeQual®

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Med Tips

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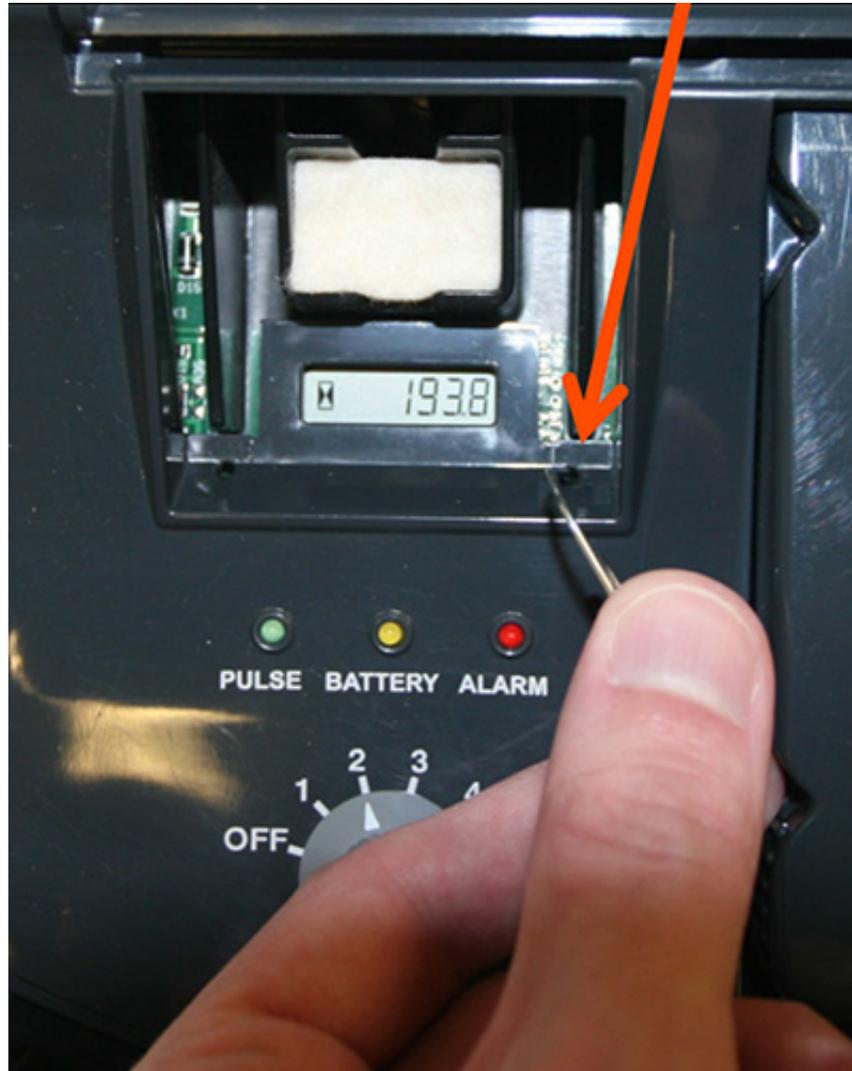
PRODUCT INFORMATION

AirSep POC: Testing Concentration

LifeStyle

1. Connect the LifeStyle to an AirSep supplied AC power supply.
2. To activate the LifeStyle's test mode:
 1. Turn the dial to any of the 1-5 settings.
 2. Remove the gross particle filter.
 3. Activate test mode by depressing the switch located in the hole labeled "T" next to the hour meter.
 4. The concentrator will now produce a 4 LPM equivalent flow at 18 breaths per minute.
3. Allow the LifeStyle to run for five minutes before connecting a calibrated analyzer.

4. Exit test mode by turning the dial to "OFF".



Focus

1. Connect the Focus to an AirSep supplied AC/DC power supply.
2. To activate the Focus' test mode:
 1. Turn the power switch on. The red and green LED will alternatively flash for several seconds.
 2. Once the LEDs stop flashing and the green LED stays on, within 2 seconds turn off the concentrator.
 3. Turn the unit on/off/on/off/on leaving it on the third time.
 4. The red and green LEDs will remain lit together for 10 seconds indicating test mode is active.
3. After the 2 minute warm-up period, connect a calibrated oxygen analyzer.

4. To exit test mode, turn the unit off and it will function normally when turned on again.



Off/On x 3



FreeStyle and FreeStyle 5

1. Connect the FreeStyle to an AirSep supplied AC power supply.
2. To activate test mode:
 1. Turn the unit on by pressing flow selection "2".
 2. For the FreeStyle, press and hold the flow selection buttons "1" and "3" simultaneously until the audible alarm sounds. For the FreeStyle 5, press and hold the "1" and "5" simultaneously until the audible alarm sounds.
 3. All flow rate LEDs will illuminate shortly indicating test mode is active.
3. After the 5-7 minute warm-up time, connect a calibrated oxygen analyzer.
4. To exit test mode, turn the unit off by pressing the active flow rate button. The unit will function normally when turned on again.





Eclipse ATF Replacements

Use the table below as a guideline for ordering the correct ATF replacement for the Eclipse concentrator. The part number will be different for some models of the Eclipse. It is important to have the correct ATF installed in an Eclipse for the unit to operate properly.

Eclipse Model	ATF Part Number
Eclipse 1 (Model 1000)	SP5493-SEQ [Refurbished SP5393R-SEQ]
Eclipse 2 (Model 1000A)	SP5494-SEQ [Refurbished SP5394R-SEQ*]
Eclipse 3 (Model 1000B)	SP5494-SEQ [Refurbished SP5394R-SEQ*]

*May require additional components to install properly.

There have been two variations of the 5494 ATF throughout its production cycle. The main difference between these two versions is the location of the oxygen outlet as shown below. The refurbished version of the Eclipse 2 & 3 ATF (SP5494R-SEQ) can include both of these styles.

If the ATF that is being replaced is a different version than the ATF that is going to be replacing it, there may be connection issues with the newer style product tank that utilizes the pre-formed aluminum tube to connect to the ATF. Please use the chart below to make sure the correct preformed aluminum tube is being used to connect the ATF to the product tank.

ATF Version	Aluminum Tube Part Number
Replacing Old Style with New Style	4398-SEQ
Replacing New Style with Old Style	4399-SEQ





Old 5494-SEQ ATF
Outlet Location



New ATF 5494-SEQ Outlet
Location

HELPFUL HINTS / FAQs

Eclipse: Number of Hours

In order to find the number of hours that an Eclipse concentrator has been in operation, please follow the instructions below that apply to your model of concentrator.

Eclipse 2, Eclipse 2+, and Eclipse 3 Hour Meter Access Procedure:

The number of hours on the Eclipse can be found in the provider menu as follows:

1. Turn on the Eclipse. It can be running on AC, DC, or the power cartridge
2. Press the hidden "No Smoking" button three times.
3. The screen will display "HRS XXXXX.X" where the total number of hours would replace the XXXXX.X.
Example: The Eclipse 3 displays "HRS 345.6". The total number of hours would be 345.6.

Eclipse 1 Hour Meter Access Procedure:

1. Plug the Eclipse 1 into an AC or DC power source and turn it off.
2. Press and hold the hidden "No Smoking" button and the + button simultaneously until the green and yellow status LEDs flash alternatively and then release.
 1. **NOTE:** If the unit only has the battery installed without either AC or DC power supply, hold the power button, as well as the two previously mentioned, simultaneously. Hold until the unit beeps and then release.
3. The LED screen will display two numbers separated by a decimal point. This number will not be needed to find the hours of the unit.
4. Press the + button. The LED panel displays one number followed by a decimal point and then another number followed by a decimal point. This number will not be needed to find the total hours of the unit.
5. Press the + button. The LED panel displays two numbers. The first number should be a "1". Record the number following the "1". This indicates that it is the first digit in the total number of hours.
6. Press the + button. The LED panel displays two numbers. The first number should be a "2". Record the number following the "2". This indicates that it is the second digit in the total number of hours.
7. Press the + button. The LED panel displays two numbers. The first number should be a "3". Record the number following the "3". This indicates the third digit in the total number of hours.
8. Press the + button. The LED panel displays two numbers. The first number should be a "4". Record the number following the "4". This indicates that it is the fourth digit in the total number of hours.
9. Press the + button. The LED panel displays two numbers. The first number should be a "5". Record the number following the "5". This indicates that it is the fifth digit in the total number of hours.

Example: The screen displayed the following numbers: 11, 21, 31, 42, 55 in sequence. the total number of hours on the unit would be **11125**.

Can I purchase replacement casters for my liquid oxygen roller base?

Yes, replacement casters are available for all CAIRE.

ies, replacement casters are available for all CAIRE-manufactured liquid oxygen roller bases. Each package of casters is sold in a set of 5 wheels. Each individual caster is 3" in diameter.

Two sets are available. The set for CE marked roller bases contains two casters with brakes to lock the wheels along with three free rolling casters. The non-CE marked caster package contains five free rolling casters. The following table gives the part numbers for CAIRE roller base replacement casters.

CE Roller Bases [2 w/ brake, 3 w/o brake]	Non-CE Roller Bases [5 w/o brake]
14880379	14880361

How long will my Stroller last at 2LPM?

The duration times for all CAIRE manufactured reservoirs are available on the CAIRE website, www.CAIREmedical.com. Highlight the "Support" tab at the top of the page and click on "Product Literature". The "Cutsheets" tab should be highlighted as shown below. Scroll down and select the highlighted link below for the "LOX Time Use Chart".

This chart will display durations for all flow rates for all CAIRE manufactured reservoirs and portables. The duration of the portables will be listed in hours, while the duration of the reservoirs is listed in days.

The screenshot shows the CAIRE website interface. At the top, there is a navigation bar with 'Home', 'Products', 'Support', 'SeQual', 'AirSep', 'About Care', and 'Contact CAIRE'. Below this, there is a secondary navigation bar with 'Cutsheets', 'Literature', 'Manuals', 'Operating Instructions', and 'Support'. The 'Cutsheets' tab is highlighted. A red arrow points down to a table of 'LOX Time Use Charts'.

PN Number	Description	Language
ML12021	LOX Timeuse Chart	English
ML121020	LOX Timeuse Chart	French
ML121022	LOX Timeuse Chart	German
ML121023	LOX Timeuse Chart	Italian

AirSep FreeStyle Power Connector

The AirSep FreeStyle and FreeStyle 5 concentrators are the only AirSep concentrators that utilize a power supply cord that will lock in place. Due to this locking mechanism, care needs to be taken when attaching and removing the power supply cable from the concentrator.



It is very important to instruct the users of the FreeStyle and FreeStyle 5 the correct way to connect and disconnect the power supply cable.

- To insert the cable into the concentrator, make sure the locking button is oriented upward and push the connector in until it locks in place. Do **NOT** use force when inserting the power supply cable.
- To remove the power supply, press firmly and hold the locking button as shown below and pull directly outward. This will allow the cord to be removed freely without any resistance.

If the locking mechanism is not used, the power connection may become damaged if the power supply cable is forcefully removed. Damage may also occur if the cable is manipulated, twisted, or used in any manner other than recommended.



ACCESSORIES

AirSep Pressure Test Gauge

AirSep NewLife and VisionAire stationary concentrators can be tested to ensure the internal pressure falls within the manufacturer specifications. Testing the operating pressure of an AirSep stationary concentrator can be a very useful tool when troubleshooting a faulty unit.



NewLife
Pressure Test
Port



Pressure Test
Gauge PN
KI036-1



Pressure Gauge
Hose Adapter PN
KI257-2

Both the NewLife and VisionAire concentrators have a small hose attached to the pressure test port inside the concentrator. The "Test Pressure Gauge", PN KI036-1, can be purchased as an accessory to attach to this port. The pressure adapter will be needed to adapt the pressure gauge so that it can be connected to a hose.

Pressure adaptor KI257-1 is available for all NewLife

modeled concentrators (Intensity/Elite).

Pressure adaptor KI257-2 is available for all VisionAire models.

The following table can be used to ensure that your concentrator is operating within specifications.

Model	Maximum Pressure (psi [kPa])	Minimum Pressure (psi [kPa])
NewLife Elite - 5LPM	32 [220.6]	10 [69]
NewLife Intensity 8	34 [234]	10 [69]
NewLife Intensity 10	34 [234]	10 [69]
VisionAire	28 [193]	8 [55]
VisionAire V	31 [214]	10 [69]
VisionAire 3	25 [234]	7 [69]

LOX Fill Head Adaptors

CAIRE sells fill adaptors that will attach to a transfer line to fill reservoir units. The most common fill adaptor styles are those that fill the CAIRE top fill and side fill reservoirs. Pictures and part numbers for these are below.



CAIRE Side Fill Adaptor
#97212023



CAIRE Dual Fill (Top & Side) Adaptor
#10897958



CAIRE Top Fill Adaptor
#10678157

CAIRE also offers fill connectors for alternate styles of QDVs. If you have a different style of QDV from the ones pictured here, please contact Technical Service for the correct part number of the appropriate fill adaptor for your reservoir.

SERVICE SCHOOLS & TRADESHOWS

Mark Your Calendars for our Upcoming 2013 Service Schools!

USA

Concentrator Training: June 4, 5, 6 in Ball Ground, GA

LOX Training: June 11 & 12 in Ball Ground GA

**Ball Ground trainings include a tour of our CAIRE and SeQual manufacturing facility.

Concentrator Training: September 10, 11, 12 in Buffalo, NY

LOX Training: September 17 & 18 in Buffalo NY

**Buffalo trainings include a tour of the manufacturing facility for AirSep products.

Concentrator Training: November 5, 6, 7 in Ball Ground, GA

LOX Training: November 12 & 13 in Ball Ground, GA

**Ball Ground trainings include a tour of our CAIRE and SeQual manufacturing facility.

For additional details and registration information about these trainings, please visit the ["Events & Service Schools"](#) tab of our website.

Europe

Italian LOX Product Training: May 8 & 9 in Padova, Italy

English Concentrator Training: May 14, 15, 16 in Wuppertal, Germany

Spanish LOX Product Training: June 5 & 6 in Fonsorbes, France

English Concentrator Training: June 11, 12, 13 in Wokingham, UK

Spanish Concentrator Training: June 25, 26, 27 in Fonsorbes, France

FONSORBES, FRANCE

German LOX Product Training: July 3 & 4 in Wuppertal, Germany

French LOX Product Training: September 11 & 12 in Fonsorbes, France

French Concentrator Training: September 24, 25, 26 in Fonsorbes, France

German Concentrator Training: October 8, 9, 10 in Wuppertal, Germany

Italian LOX Product Training: October 9 & 10 in Padova, Italy

To register or request more information on the 2013 European trainings, please contact [Jim Gibson](#).

Tradeshows

This month we will be attending the following tradeshows. We would love for you to stop by our booth!

OHCA Long Term Care Convention

April 29 - May 1

Columbus, OH

Booth # 1109

MOSRC

May 1- May 2

Four Seasons, MO

CSRC

May 1- May 3

Vail, CO

PAMS

May 8-10

Seven Springs, PA

FOCUS

May 9-11

Nashville, TN

Booth # 616,618

NEMED

May 14-16

Bretton Woods, NH

Tri-State Respiratory Symposium

May 16th
Portsmouth, OH

AA HomeCare Washington Legislative Conference

May 22-23
Washington, DC

CSRT

May 30-June 1
Niagara Falls, Ontario

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