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# CAIRE®

*A Chart Industries Company*

AirSep®  SeQual®

[www.CAIREmedical.com](http://www.CAIREmedical.com)

## Med Tips

### In This Issue

[Helpful Hints / FAQs](#)  
[Service Schools &  
Tradeshows](#)  
[Contact Us](#)

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[click here.](#)

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### PRODUCT INFORMATION

#### **NEW Instructional Videos Available on the CAIRE Website!**

CAIRE is proud to offer a number of new instructional videos for AirSep prod Unboxing, Operation, Maintenance, Recognizing Alarms, Placing Units into T accessories such as the AirSep AirBelt™ with the AirSep Focus™, FreeStyle™, these videos can be accessed directly from the CAIRE website by [clicking here](#) subscribing to the "[CAIREmedical](#)" channel.

#### **SeQual Eclipse Concentrator Monthly Run Time Reminder**

All SeQual Eclipse concentrators should be run continuously for a minimum of 30 minutes of regular maintenance. This applies to all Eclipse concentrator models (Eclipse age).

The recommendation is especially important for units that are left in stock for extended periods of time, or units that are not used by a patient for prolonged run time will help to ensure that all of the internal parts will operate properly in service.

The monthly run time can be achieved by either running the concentrator for

running it for 2 hours every 4 weeks. Please note that this run time is performed

For more information, please reference your Eclipse Operating Manual. The information is viewed [here](#). Run Time information can be found at the bottom of page 15.

### Replacement Cases for LOX Portables

Replacement cases are available for all of our liquid oxygen portables. The replacement cases/covers for the HELiOS and Companion portable units are

HELiOS Plus H300	
Front Case	B-702187-00
Rear Case	B-701539-00
Handle	B-701542-00

HELiOS Marathon H850	
Front Case	067938
Rear Case	067937
Handle	067939

Companion C1000 & C1000T	
Front Side Cover	B-775001-00
Rear Side Cover	B-775002-00
Top Bezel	B-775003-00

Part numbers for the Spirit, Sprint, and Stroller portable units can be found on the CAIRE website and accessed [here](#).

### Proper Shipping of Liquid Oxygen Units

CAIRE recommends that the original shipping materials for each liquid oxygen unit is required to be returned for warranty or non-warranty repair. It is recommended that liquid oxygen reservoirs always be stored and shipped in the upright position. If additional shipping materials are needed, these are available for order through the following numbers that may be used for ordering liquid oxygen unit shipping materials

### Portable Shipping Cartons

Unit	Description	Part Number	Qty
C1000/ C1000T	Carton	B-775095-00	1 ea.
	Top Insert	B-778068-00	1 ea.
	Side Inserts	B-778069-00	2 ea.
HELiOS Plus	Carton	B-701688-00	1

HELiOS H300	Carton	B-701689-00	1 ea.
	Insert	B-701689-00	1 ea.
HELiOS MarathonH850	Carton	069270	1 ea.
	Insert	10000172	1 ea.
Stroller/ High Flow Stroller	Packaging Assy.	10794369S	1 ea.
Spirit 300	Packaging Assy.	11539802S	1 ea.
Spirit 600	Packaging Assy.	11942108S	1 ea.
Spirit 1200	Packaging Assy.	14077105S	1 ea.
Sprint	Packaging Assy.	10794377S	1 ea.

### Reservoir Shipping Cartons

Unit	Shipping Carton Assy. Part Number
Companion 31	10004081-SV
Companion 41	10004082-SV
HELiOS H36/U36	B-702223-SV
HELiOS H46/U46	B-702189-SV
Liberator 10	13500821
Liberator 20	13500768
Liberator 30	13500776
Liberator 37	13500776
Liberator 45	13500784
Liberator 60	13500813

### Concentrator Shipping Materials

CAIRE recommends that the original shipping materials for each AirSep or Se that the concentrator is required to be returned for warranty or non-warrant materials are needed, these are available for order through CAIRE. Below is used for ordering AirSep concentrator and SeQual concentrator shipping mat

#### Parts for Shipping AirSep Focus

Focus Box (unit only)	PA262-1
Insert 1	PA263-1
Insert 2	PA264-1

#### Parts for Shipping AirSep FreeStyle

FreeStyle 3 Box (unit only)	PA207-1
Master Carton	PA211-1
Insert	PA209-1

### Parts for Shipping AirSep FreeStyle 5

FreeStyle 5 Box (unit only)	PA237-1
Master Carton	PA239-1
Insert	PA238-1

### Parts for Shipping Eclipse Only

Eclipse Box (unit only)	4250-SEQ
Top Foam	4248-SEQ
Bottom Foam	4249-SEQ

### Parts for Shipping Eclipse with Accessories

Eclipse Box (unit only)	4250-SEQ
Top Foam	4248-SEQ
Bottom Foam	4249-SEQ
Accessory Box	4254-SEQ
Accessory Box Insert	4256-SEQ
Over Box	4258-SEQ

### Parts for Shipping AirSep VisionAire 2,3, and 5

VisionAire 2,3, and 5 Box (unit only)	PA221-1
Insert-2 required per box	PA270-1

### Parts for Shipping AirSep NewLife Elite & Intensity

NewLife Elite & Intensity Box (unit only)	PA202-1
Insert-3 required per box	PA190-1

### Parts for Shipping Integra

Integra Box (unit only)	2503-SEQ
Top Insert	3813-SEQ
Bottom Insert	3814-SEQ

## HELPFUL HINTS / FAQs

### AirSep FreeStyle Sleep Mode

Q: I just received a new AirSep FreeStyle. When I press the battery button it doesn't start when I press one of the setting buttons. What is wrong?

A: The AirSep FreeStyle is shipped from the factory in sleep mode and must power source (AC or DC) to exit sleep mode. Once connected to a power source by pressing one of the setting buttons.

Sleep mode will also occur if the internal battery has been disconnected.






## Eclipse Alarm Lights, Alarm Codes, Etc.

One of the most useful steps in troubleshooting an Eclipse concentrator is to determine when the Eclipse produces an audible or visual (red or yellow light) alarm, the control panel will tell you exactly why the alarm has been activated.

The alarm code is accessed by pressing the "no smoking" symbol on the left side of the control panel while the Eclipse is running. Below is a screenshot of the Eclipse 3 and 5 displays when an alarm code is received.



ALRM=004

Below is a quick reference table outlining what each alarm code means. The control panel will also provide more detailed information on the codes and their troubleshooting steps. You can contact our Support with questions on any of these codes.

E1/E2 Code	Eclipse 3/5 Code	Alarm Condition
00	000	No Alarm
01	001	Cannot Charge Battery
02	002	Warm (Overheating) Battery
04	004	*Oxygen Concentration Low
08	008	*Oxygen Concentration Low
10	010	Low Battery Charge
20	020	Low or Blocked Flow
-	100	One-Wire Communication Loss
-	200	No Breath Detected in 20 Seconds

Note: The codes for low oxygen concentration (04/08, 004/008) will register after a 5-minute warm-up period. Make sure you wait at least 5 minutes before retrieving these codes are present when the green light is still illuminated, then the Eclipse will register the alarm.

## Eclipse Low Purity Alarm

Q: My Eclipse has a flashing yellow light at all times, but it is not beeping. What does this mean?

it be resolved:

A: Press the no smoking symbol once, located on the left side of the membrane section above. This will provide an alarm code. This code will tell a technician if the yellow or red service lights are on and an alarm code is accessible.

A low purity alarm will produce an alarm code of "ALRM=008" on the Eclipse & 2. This indicates that the oxygen purity measured is less than 85%. Service

First, ensure that the Eclipse is in a well-ventilated area. The path of flow in the Eclipse and out of the exhaust vent at the bottom of the Eclipse should be

If the Eclipse is well ventilated, the next inspection would be the integrity of the external filter (air inlet) and 2 internal filters (compressor intake & HEPA). If they are dirty or obstructed, they can be changed in an attempt to repair purity below

If the low purity condition persists, contact Technical Support or reference the manual for further steps to resolve low oxygen purity.

## ACCESSORIES

### AirSep AirBelt

The AirSep AirBelt is used to provide extended battery duration for the AirSep

The current model of the AirSep AirBelt is compatible with the new FreeStyle portable concentrators. The current model is identified by a grey band around the connector. A grey band indicates that the AirBelt will work with all AirSep portable oxygen con



Grey Band  
Identifies Current  
Universal AirBelt

Previous models of the AirBelt will not have this grey band identifier. They are used with the AirSep FreeStyle 3 and AirSep Focus portable oxygen concentrators.

The part numbers below may be used to order the AirSep AirBelt:

Electrical Cord	AirBelt Part Number
-----------------	---------------------

United States	BT017-1
European	BT017-2
Australian	BT017-3
United Kingdom	BT017-4

### **LOX Drain Bottle Kit**

A drain bottle kit is available for the Companion Reservoirs. The kit contains used to attach it to the reservoir, and the tubing elbow to route the moistur part number B-701362-SV.



Companion Reservoir Drain Bottle Kit

### **SERVICE SCHOOLS & TRADESHOWS**

**Mark Your Calendars for our Upcoming 2013 Service Schools!**

#### **USA**

**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**

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

#### **Europe**

## 2014 Service School dates to be released soon!

To register or request more information on the 2013 European trainings, please contact us.

### Tradeshows

This month we will be attending the following tradeshows. We would love for you to join us.

#### **American Lung Association Healthy Lung Expo**

November 4th  
Minneapolis Airport Marriott  
Bloomington, MN  
CAIRE

#### **American Lung Association Healthy Lung Expo**

November 8th  
West Des Moines Sheraton, IA  
CAIRE

#### **American Association of Respiratory Care**

November 16-18  
Anaheim, CA  
CAIRE Booth #307

#### **Ohio Association of Medical Equipment Suppliers**

November 19-20  
Columbus, OH  
CAIRE Booth

#### **Medica**

November 20-23  
Dusseldorf, Germany  
Stand 11 C67

### CONTACT US

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