

Having trouble viewing this email? [Click here](#)

Hi, just a reminder that you're receiving this email because you have expressed an interest in Chart SeQual Technologies Inc. Don't forget to add taylor.erwin@chartindustries.com to your address book so we'll be sure to land in your inbox.

You may [unsubscribe](#) if you no longer wish to receive our emails.



Med Tips

In This Issue

[Product Information](#)
[Helpful Hints / FAQs](#)
[Service Schools & Tradeshow](#)
[Contact Us](#)

PDF Version

To view Med Tips in PDF, [click here.](#)

Join Our List

[Join Our Mailing List!](#)

June 2012

NEW!!
 Patient Spotlight

Jan's Eclipse 3 Story



Jan is a very active patient that uses the Eclipse as both her stationary and portable oxygen delivery system. She enjoys the freedom the Eclipse is able to provide her, allowing her and her husband to run regular errands, visit family and friends, and to travel without the worries of coordinating deliveries and equipment rentals with her provider or running out of packaged gas systems while away from her home. Several years ago Jan took 3 separate vacations using tickets her

daughter was able to provide her through her job at one of the local airlines. These trips were to widely different areas of the country-one trip was to Sea World in Orlando where she had a picture taken with her Eclipse that later was used for the cover of the May, 2009, issue of the AARC Times. Jan's Eclipse POC has helped her to feel empowered to be as mobile as she wants to be and continues to travel as often as possible.

Last summer, Jan and her husband traveled to Arizona to purchase a fully restored 1947 Chevy Coupe. They flew to Arizona to pick up the vehicle and drove the car all the way back to Minnesota, and her Eclipse unit was always by her side. The car has been the opportunity for more adventures going to different car shows and networking with other antique car aficionados. Jan's Eclipse, with its new and continually evolving oxygen technology, is an anachronism to the bright yellow antique car she regularly rides in.

Jan has not let her disease define who she is, and her Eclipse POC has helped to provide her with the active lifestyle she desires. New and old oxygen patients alike can look at oxygen users like Jan as a role model for the type of life that can be lead while needing supplemental oxygen.

Thank you Jan for sharing your story!

***If you know of a patient who would like to be in one of our spotlights, please reply to this email!*

PRODUCT INFORMATION

CAIRE Liquid Oxygen Service Manuals

Service manuals for many of the CAIRE liquid oxygen products have recently been updated. Current service manuals for all CAIRE liquid oxygen reservoirs and portables are available for download in PDF format online. You can access these documents by clicking on the blue tab labeled "Service Manuals" at the link below. This link will always contain the most current Service Manuals and will be updated as further updates are made.

http://www.cairemedical.com/Support/Product_Literature.aspx





Home Products Support SeQual About CAIRE Contact CAIRE

Operating Instructions Product Cutsheets Product Literature **Service Manuals**

Calendar of Events

Concentrator Technical Training in English
May 22 - 23
Wuppertal, Germany

Concentrator Technical Training in German
June 13 - 14
Wuppertal, Germany

Concentrator Technical Training in French
June 20 - 21
Fonsorbes, France

Companion 1000 & 1000T		
PN Number	Description	Language
20562200	20562200	English
Companion 21, 31 & 41 Reservoirs		
PN Number	Description	Language
20559263	20559263	English
HELIOS Portables		
PN Number	Description	Language
20562190	20562190	English
HELIOS Reservoirs		
PN Number	Description	Language
14883289	14883289	English
Liberator Reservoirs		
PN Number	Description	Language

Liquid Oxygen Portables QDV Standardization

Effective as early as July 1st, the QDV design will be standardized across all CAIRE portable units. Please see the attached [technical bulletin](#) outlining this design change.

Low Loss 32 and 41 Now Obsolete

Effective immediately all production of the Low Loss product line will cease. Incoming orders will be filled on a first come, first served basis until Low Loss stock is depleted. Our Liberator and HELIOS reservoirs are comparable replacements for our Low Loss product line. For more information on replacement options, please contact our Technical Service Team or your local sales representative.

Liquid Oxygen Reservoir QDV & Vent Valve Standardization

Effective as early as July 1st, the QDV and Vent Valve design will be standardized across all CAIRE reservoir units. Please see the attached [technical bulletin](#) outlining this design change.

Integra-EZ Stepper Motor

The Integra-EZ stepper motor that is mounted to the circuit board is orderable as a replacement part. Order it using part number **#3459-SEQ**. This motor serves as the flow meter on the Integra. It is responsible for regulating the oxygen flow to the outlet.

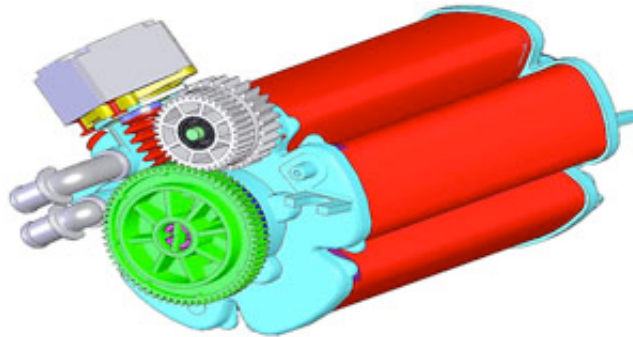




Eclipse ATF Replacements

Use the table below as a guideline to order replacement ATF assemblies for the Eclipse concentrators. The part number for ordering varies between model of the Eclipse. It is important that the correct ATF be installed in an Eclipse to ensure proper operation.

Eclipse Model	ATF Part Number
Eclipse 1 (Model 1000)	SP5493-SEQ
Eclipse 2 (Model 1000A)	SP5494-SEQ
Eclipse 3 (Model 1000B)	SP5494-SEQ



HELPFUL HINTS / FAQs

Acceptable Leak Detectors for LOX Units

Q: What leak detector does CAIRE recommend be used on its liquid oxygen units?

A: CAIRE approves the uses of SNOOP® liquid leak detector on reservoirs and portable units. Approved leak detector can be purchased from CAIRE using the following part numbers.

Bottle Size	Part Number
8 oz.	B-775272-00
1 gallon	B-778804-00

1 54001 | 0 77007 00

*SNOOP is a registered trademark of the SWAGELOK Co.

HELiOS Reservoir Maximum Flow Rate

Q: What is the maximum flow rate that can be achieved by the HELiOS reservoir?

A: The maximum flow rate that can be achieved by all HELiOS reservoirs is 10LPM.

Eclipse Airline Travel

Q: How many Eclipse power cartridges (batteries) does a patient need for their flight?

A: Airlines require that you have enough batteries to last 150% of the estimated flight time. For example, a 2 hour flight time would require 3 hours of battery life.

This extra time takes into account possible delays on the runway and delays in landing time. It is also recommended that you plug into a AC power while waiting in the terminals where as not to drain the batteries.

SeQual has put together a Airline Travel Table which is a chart showing the number of batteries required at each flow setting for a specific length of flight. Excerpts of the chart are below, or it can be downloaded on the SeQual website using the following link:

<http://www.sequal.com/assets/File/Power%20Cartridge-Airline%20Travel%20Table.pdf>

CONTINUOUS FLOW

		FLIGHT LENGTH (in Hrs)*									
		1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
SETTING	0.5	1	1	1	2	2	2	2	2	3	3
	1.0	1	1	2	2	2	2	2	3	3	3
	1.5	1	1	2	2	2	2	3	3	3	4
	2.0	2	2	2	2	3	3	3	4	4	5
	2.5	2	2	2	3	3	4	4	5	5	6
	3.0	2	2	3	4	4	5	6	7	7	8

ESTIMATED # OF POWER CARTRIDGES NEEDED

PULSE DOSE MODE

		FLIGHT LENGTH (in Hrs)*									
		1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
SETTING	16	1	1	1	1	2	2	2	2	3	3
	24	1	1	1	1	2	2	2	2	3	3
	32	1	1	1	2	2	2	2	3	3	3

40	1	1	1	2	2	2	3	3	3	4
48	1	1	1	2	2	2	3	3	3	4
56	1	1	2	2	2	3	3	3	4	4
64	1	1	2	2	2	3	3	4	4	4
72	1	1	2	2	2	3	3	4	4	4
80	1	1	2	2	3	3	4	4	4	5
88	1	1	2	2	3	3	4	4	5	5
96	1	1	2	2	3	3	4	4	5	5
Table is based on 20 Breaths Per Minute, for Pulse Dose Mode only.										
128	1	2	2	3	3	4	4	5	5	6
160	1	2	2	3	4	4	5	5	6	7
192	1	2	3	3	4	5	6	6	7	8
Table is based on 15 Breaths Per Minute, for Pulse Dose Mode only.										

Eclipse Humidifier Bottle Use

Q: Can a humidifier bottle be used with the Eclipse concentrator?

A: A humidifier bottle *can* be used on the Eclipse when the concentrator is stationary and is being used in a continuous flow setting.

A humidifier bottle *cannot* be used and *should be removed* when the Eclipse is being transported or moved, or when it is being used in a pulse flow setting.

SeQual offers a humidifier adaptor kit that can be used to attach a bottle to the Eclipse. This kit includes only the strap and tubing, not a bottle. It can be ordered using part number #7116-SEQ.

ACCESSORIES

Liquid Oxygen Portable Bags and Backpacks

A carrying bag is available for all CAIRE portable units. Use the table below as a guideline for ordering these accessories.

Portable Unit	Type of Carrying Accessory	Part Number
Companion C500/C550	Hip Pack	B-778625-00
Companion C1000/C1000T	Back Pack	10018138
HELiOS Plus (H300)	Hip Pack	B-701654-00
HFI iOS Marathon		

(H850)	Back Pack	069209
Hi-Flow Stroller	Back Pack	13214825
Spirit 300	Hip Pack	11843361
Spirit 600/1200	Back Pack	13214825
Stroller/Sprint	Back Pack	13214825

Liquid Oxygen Reservoir Rollerbases

CAIRE offers a rollerbase to fit all liquid oxygen reservoirs. These rollerbases have five casters that are 3 inches (76.2 mm) in diameter. Use the table below as a guideline of part numbers for ordering rollerbases.

All CE-marked rollerbases have brakes on two of their casters. Non-CE marked units do not have any brakes on their casters.

Reservoir Model	CE Marked Rollerbase	Non CE Marked Rollerbase
Companion C21, C31, C41	10855678	10585866
HELiOS H36, H46, U36, U46	14880387	14880803
Liberator 10	11682262	10585858
Liberator 20, 30, 37, 45	10855678	10585866
Liberator 60	11363069	11194074
Low Loss 32	10855678	10585866
Low Loss 41	11363069	11194074

SERVICE SCHOOLS & TRADESHOWS

Mark Your Calendars for our Upcoming 2012 Service Schools!

USA

Concentrator Technical Training in English

August 13-14
Ball Ground, GA

LOX Technical Training in English

August 15-16
Ball Ground, Georgia

Ball Ground, Georgia
Concentrator Technical Training in English
 November 5-6
 Ball Ground, GA
LOX Technical Training in English
 November 7-8
 Ball Ground, Georgia

To register for 2012 US LOX Training, [download this form](#).
 To register for 2012 US Concentrator Training, [download this form](#).

Europe

Concentrator Technical Training in French
 June 20 & 21
 Fonsorbes, France
LOX Technical Training in German
 September 5 & 6
 Wuppertal, Germany
LOX Technical Training in English
 October 16 & 17
 Wokingham, UK
LOX Technical Training in French
 October 17 & 18
 Fonsorbes, France
LOX Technical Training in Italian
 November 14 & 15
 Padova, Italy

For more information on the 2012 European trainings, please contact Jim Gibson at jim.gibson@chart-ind.com.

Tradeshows

We'll also be present at the following tradeshows this month, so feel free to stop at our booth! To find out more about any of the following shows, please click on its title and you will be directed to the show site.

[South Carolina Medical Equipment Services Association](#)

June 7-8
Myrtle Beach, SC

CONTACT US

For ordering information contact Customer Service:

United Kingdom	+44 (0) 1344 403 100
France	+33 (0) 9707 54 646

Germany	+49 (0) 202 739 55429
Italy	+39 049 784 0142
	customerservice.europe@chart-ind.com
Australia/New Zealand	+61 2 9749 4333
Asia/Pac Rim	770.721.7759
The Americas	770.721.7759
US Toll Free	800.482.2473
	customerservice.usa@chart-ind.com

For technical information contact Technical Service:

United Kingdom	+44 (0) 1344 403 100
France	+33 (0) 5610 82 977
Germany	+49 (0) 202 739 55407
Italy	+39 049 644 498
	techservice.europe@chart-ind.com
Asia/Pac Rim	770.721.7759
	techservice.usa@chart-ind.com
The Americas	770.721.7759
	techservice.usa@chart-ind.com
US Toll Free	800.482.2473
	techservice.usa@chart-ind.com

[Forward email](#)



Try it FREE today.

This email was sent to snystrom@sequal.com by taylor.erwin@chartindustries.com | [Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).

Chart Industries | 2200 Airport Industrial Dr. | Ste. 500 | Ball Ground | GA | 30107