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June 2015

UPCOMING EVENT

CAIRE Service Schools

Training Seminar

June 15 - 19, 2015

Ball Ground, GA, United States

CAIRE offers Service Schools covering both LOX and Concentrator lines.

Each class is a comprehensive program that focuses on the technical and service aspects of the CAIRE family products. Class time is divided between lecture and hands-on workshops. The seminars will help the student develop a better understanding of how liquid oxygen equipment or concentrators work, how to identify the symptoms and causes of potential problems and how to use the technical information that is available in the Technical Manuals.

Attendance at CAIRE's Service Schools is free, but registration is mandatory. Registration forms must be received one week prior to the start of the class in order to guarantee availability and materials.

Concentrator Service School topics include:

- Concentrator hazards and safety precautions
- Principles of pressure, flow and saturation
- Functions of the major components of a portable/stationary concentrator
- Theory of operation
- Hands-on experience with the concentrators
- Set up and use of test equipment
- Troubleshooting, repair and performance verification/testing

- procedures with hands-on experience
- Day 1 covers these topics for the Eclipse. Product overview is offered for the AirSep Focus, AirSep FreeStyle, AirSep FreeStyle 5, AirSep NewLife, AirSep VisionAire, and AirSep LifeStyle.
- Day 2 covers these topics for the AirSep NewLife, AirSep VisionAire, and AirSep LifeStyle.
- Day 3 covers these topics for the SeQual Eclipse and plant tour.

LOX Service School topics include:

- Liquid oxygen (LOX) hazards and safety precautions
- Principles of pressure, flow and liquid oxygen saturation
- Functions of the major components of a liquid oxygen system
- HELiOS system theory of operation
- Reservoir and portable filling procedures with hands-on experience
- Set up and use of test equipment
- Troubleshooting, repair and performance verification/testing procedures with hands-on experience
- Day 1 covers these topics for liquid oxygen reservoirs.
- Day 2 covers these topics for liquid oxygen portables.

2015 Training Dates

- Concentrator Training: June 15, 16 & 17 in Ball Ground, GA
- LOX Training: June 18 & 19 in Ball Ground, GA
- Concentrator Training: November 2, 3, & 4 in Ball Ground, GA
- LOX Training: November 5 & 6 in Ball Ground, GA

Registration:

<http://www.chartindustries.com/Respiratory-Healthcare/Service-Schools>

Please see the events section below for a full list of European training dates and locations.

PRODUCT INFORMATION

AirSep Plastic Color Change

Effective June 1, all Focus units will be manufactured with new plastic cases. This change will alter the color of the plastic housing for each unit. The new plastic will be a dark gray color as shown below (left). This will be a lighter coloration for the product. Not only will the new color give a cleaner visual appearance, the plastic housing is more durable and robust.



NOTE: You may continue to receive new units with the current cases after this implementation date. This is a rolling change that does not affect functionality, so we will continue to ship existing inventory of units produced prior to the implementation date of the new plastic housing until the stock is exhausted.

Fuse Part Number for FreeStyle DC Power Supply:

The Fuse that goes in the end of the Freestyle Power supply can be ordered using **PN: FU038-1**. This Fuse has the following specifications: 250V, 10A, 5X20MM, GLASS





Consolidation of LOX Transfer Line and Fill Adaptor Part Numbers

In order to standardize your inventory and make ordering easier across all Liquid Oxygen product lines, CAIRE is working to standardize the part numbers and models of our transfer lines and fill adaptors. Below are the part numbers being replaced and their equivalents. This will not affect functionality or specifications of the accessories in any way.



9713119 replaced B-775280-00
6 ft (1.8 m): Transfer Hose

10565161 replaced B-775281-00
10 ft (3.0 m): Transfer Hose

We are eliminating PN B-775288-00 (ASSY, TRANSFER LINE 6FT). This

assembly contained a 6 ft (1.8 m) transfer hose, top fill adaptor, and separate tee and relief valve. Equivalent components of this assembly can be purchased separately using the following parts below:



10678157

Top Fill Adaptor with Relief Valve



9713119

6 ft (1.8 m): Transfer Hose

NOTE: Existing stock of the old part numbers will be used up until the inventory is gone.

Fill and Maintenance Procedures for Liquid Oxygen Reservoirs

Effective immediately the fill and maintenance procedures for all CAIRE liquid oxygen reservoirs can be found in this [Service Bulletin](#).

Remove and Replace 9-Voly Battery and Compressor intake Filter

Replace the 9-volt battery when the unit beeps three times at the end of power-on self-test, when voltage is less than 7.0 Volts, or during annual PM. To replace the 9-volt battery, follow these steps:
NOTE: The two captive screws will not remove completely from the rear panel.



1. Remove the rear cover by loosening the two Phillips-head screws.



2. Place finger under recessed area and pull outward.



3. Once the cover is removed, replace the 9-Volt Battery by pushing

up slightly on the bottom of the battery and then pulling out.



4. Once the old battery is removed, insert the new 9-Volt battery by following steps 1-3 in reverse.

NOTE: The polarity of the 9-Volt battery does not have to be aligned in a certain manner when inserting the new 9-Volt battery.



5. Once the 9-Volt Battery has been replaced, the next step is to replace the Compressor Intake Filter. To remove the Compressor

Intake Filter, push the metal tab on the end of the filter inward and pull outward (similar to the process for removing the 9-Volt Battery).

NOTE: Compressor Intake Filter PN **9759-SEQ**.



6. To insert the new Compressor Intake Filter, align the end of the filter with the inlet hole with the plastic housing on the eQuinox.



7. Push the filter inward towards the plastic housing and then inward towards the eQuinox, ensuring that the filter is sitting flush against the plastic housing and flat against the rear case of the eQuinox.



8. Replace the back cover and re-tighten the two captive Phillip head screws (5.5 in. lb max).

ACCESSORIES



97202005

Reservoir Vent Valve Wrench:

Vent valve wrench for all Liberator reservoirs manufactured before July 2012. This vent valve wrench may also be used on all CAIRE reservoirs manufactured after July 2012.



B-775182-00

Reservoir Vent Valve Wrench:

Vent valve wrench for all HELiOS and Companion reservoirs manufactured before July 2012. This vent valve wrench may also be used on all CAIRE reservoirs manufactured after July 2012.

SERVICE SCHOOLS & TRADE SHOWS

2015 Service School dates have been announced!

USA

2015 Service School Dates:

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

Concentrator Training: June 15-17 in Ball Ground, GA

LOX Training: June 18-19 in Ball Ground, GA

Concentrator Training: November 2-4 in Ball Ground, GA

LOX Training: November 5-6 in Ball Ground, GA

**Trainings include a tour of our CAIRE and SeQual manufacturing facility.*

Europe

LOX Trainings:

August 19-20 in Wuppertal/Germany - German language

October 5-6 in Toulouse/France - French language

October 14-15 in Wokingham/United Kingdom - English language

October 21-22 in Padova Italy - Italian language

Concentrator Trainings:

June 9-11 in Padova Italy - Italian language

June 23-25 in Wuppertal/Germany - English language

September 22-24 in Wuppertal/Germany - German language

October 7-9 in Toulouse/France - French language

November 24-26 in Wokingham/United Kingdom - English language

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

Trade Shows

We will be attending the following trade shows this month. We would love for you to stop by our booth!

SCMESA

June 3-6

Myrtle Beach, SC

Pulmonary Horizons

July 17-19

Miami, FL

FIME

August 5-7

Orlando, FL

GAMES

August 16-18

Lake Lanier Islands, GA

KMESA

August 26-27

Lexington, KY

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