

## March 2022 Med Tips

**Don't miss out on our upcoming Virtual Service Schools!**

### CAIRE Service School Training Webinars 2022

CAIRE offers Virtual 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. Registration for CAIRE's Service Schools is mandatory. Registration forms must be received two weeks prior to the start of the class in order to guarantee availability and materials.

**Table 1 - Details of upcoming training.**

Type	Language	Location	Training Dates	Registration by
CONC	LATAM	Toulouse, France	March 9-10-11	February 26
LOX	Italian	Padova, Italy	March 17	March 2
LOX	German	Langenfeld, Germany	March 23	March 7
LOX	French	Toulouse, France	March 29	March 14
LOX	Spanish	Toulouse, France	April 5	March 20
CONC	Spanish	Toulouse, France	April 6-7-8	April 20
CONC	German	Langenfeld, Germany	April 26-27-28	April 12
CONC	French	Toulouse, France	May 3-4-5	April 20
CONC	English	Wokingham, UK	May 10-11-12	April 25
CONC	English	Ball Ground, GA USA	May 16-17-18	May 2
LOX	English	Ball Ground, GA USA	May 19	May 2
CONC	Italian	Padova, Italy	June 7-8-9	May 26
CONC	English	Ball Ground, GA USA	August 15-16-17	August 1
LOX	English	Ball Ground, GA USA	August 18	August 1
LOX	German	Langenfeld, Germany	September 14	September 1
LOX	LATAM	Toulouse, France	September 20	September 6
CONC	LATAM	Toulouse, France	September 21-22-23	September 6
LOX	Italian	Padova, Italy	October 18	October 4
CONC	German	Langenfeld, Germany	October 25-26-27	October 11
CONC	English	Ball Ground, GA USA	November 7-8-9	October 25
LOX	English	Ball Ground, GA USA	November 10	October 25



\*We reserve the right to cancel training seminars at short notice. Customers should ensure that they take necessary precautions to ensure costs are covered in case of cancellation.

\*\* Training will be in the form of a Webinar.

**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
- Set up and use of test equipment
- Troubleshooting, repair and performance verification/testing procedures

**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
- Set up and use of test equipment

**Please submit your registrations forms no later than the dates in Table 1 above. If you are interested in the service schools mentioned above, and it is past the registration date, please reach out to the registration emails below. Please note that as travel restrictions and Covid-related guidelines evolve, we intend to restore CAIRE Service School to in person.**

**To register for Service School, please email:**

[Techservice.global@caireinc.com](mailto:Techservice.global@caireinc.com) for USA Training or [jim.gibson@caireinc.com](mailto:jim.gibson@caireinc.com) for European Training.

## PRODUCT UPDATES

### FreeStyle 3 Membrane Panel Update

Due to a supplier change, the FreeStyle 3 (with Internal Battery) membrane panel (CAIRE PN: CP141-1) has changed colors from gray with white buttons, to blue with white buttons. The new version of the CP141-1 membrane panel looks identical to the FreeStyle 3 (with External Battery) membrane panel (CAIRE PN: CP169-1).

Please see Figure 1 and 2 below for the previous vs. current color configurations. These two panels are functionally the same and interchangeable.

Future orders for CP141-1 may result in either version being received depending on inventory available.



Figure 1: CP141-1 (Internal Battery Version)



Figure 2: CP169-1 (External Battery Version)

Please refer to Service Bulletin PN 21497628.

### Ejector Assembly Rod – Companion Stationary LOX Units

Once stock is depleted, the ejector assembly rod material used in manufacturing will change from an anodized to an un-anodized rod. The item part number will not change and will stay either B-775112-00 for the ROD QC RELEASE ASSY, or part number B-775106-SV for the ASSY, QC RELEASE if you need the quick release assembly. Note: White cap item number B-775113-00 is not included; please order it separately if needed.



Previous blue rod's color



Current silver rod's color

## HELIOS Reservoir PN Change

CAIRE Part number B-701629-00 is being replaced with item PN 10024680. This tubing connector is used to fix the warming coil to the pressure regulator on the HELIOS Standard, or the outlet mounting block on the HELIOS Universal. Please contact our Technical Service department for more details.

## Helpful Hints & FAQs

### **Companion 5 Outlet Pressure Test Procedure** (units using Flowmeter Part Number 15063266)

- 1) Open up the unit.
- 2) Remove the cap from right side of the flow sensor.
- 3) Connect 5/32nd size tubing to the right side of the flow sensor (Picture 1).
- 4) Connect the other end of the tubing to a pressure analyzer.
- 5) Turn the power switch to the "ON" position.
- 6) Open flowmeter to 5 LPM.
- 7) Allow the unit to run for 10 minutes prior to testing the pressure.
- 8) Observe the reading on the pressure analyzer (Picture 2).
- 9) Acceptable range is 4.3 – 4.9 psig. If the outlet pressure is not within this range, the product regulator needs to be adjusted. (see manual 14940837 for procedure)
- 10) Turn the power switch to the "OFF" position.
- 11) Remove tubing from flow sensor and replace the cap.



Picture 1. Flow Sensor



Picture 2. Pressure Analyzer

## Document Update

We advise our valued customers to monitor and check that they are using the most recent revision of any documents for the model of equipment they have.

The following documents have been subjected to an update during January 2022.

- ML-CONC0215-6 Eclipse 5 Smart O2 Features– Portuguese Rev. A
- ML-CONC0216-6 Eclipse 5 Provider Folder - Portuguese Rev. B
- MN236 User Manual English Sprint/Stroller/Hi FLOW Rev D
- MN236-C4 User Manual Multilanguage Sprint/Stroller/Hi Flow Rev D
- ML-CONC0138-2 Cutsheet FreeStyle Comfort -German Rev E
- ML-CONC0138-5 Cutsheet FreeStyle Comfort -Italian Rev E
- ML-CONC0138-3 Cutsheet FreeStyle Comfort -Spanish Rev E
- ML-CONC0138-10 Cutsheet FreeStyle Comfort -Japan Rev L
- ML-CONC0138 Cutsheet FreeStyle Comfort -English Rev M
- ML-CONC0138-1 Cutsheet FreeStyle Comfort -French Rev E
- ML-CONC0138-6 Cutsheet FreeStyle Comfort -Portuguese Rev L
- ML-CONC0138-2 Cutsheet FreeStyle Comfort autoSAT -PacRim Rev M

## Med Tips Distribution!

Spring is a great time to do a little distribution list clean-up. The CAIRE team is asking all current subscribers to CAIRE's Med Tips Newsletter to opt-in again in order to continue receiving this monthly communication. Please click this link - <http://go.pardot.com/l/710913/2022-01-17/2pgcj9> - and provide us with your current information. Thank you and we appreciate your support.

**CONTACT:**

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*Please consult the applicable product instructions for use for product indications, contraindications, warnings, precautions, and detailed safety information.*

**PN 21497628 A**

**RELEASE DATE:** February 8, 2022

**MODEL:** AirSep® FreeStyle® 3

**ISSUE:** FreeStyle 3 Membrane Panel Update

**NOTES:** Due to a supplier change, the FreeStyle 3 (with Internal Battery) membrane panel (CAIRE PN: CP141-1) has changed colors from gray with white buttons, to blue with white buttons. The new version of the CP141-1 membrane panel looks identical to the FreeStyle 3 (with External Battery) membrane panel (CAIRE PN: CP169-1).

Please see Figure 1 and 2 below for the previous vs. current color configurations. These two panels are functionally the same and interchangeable.

Future orders for CP141-1 may result in either version being received depending on inventory available.



**Figure 1: CP141-1 (Internal Battery Version)**

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Page 1 of 2



Figure 2: CP169-1 (External Battery Version)

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