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# CAIRE®

*A Chart Industries Company*

AirSep®  SeQual®

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

## Med Tips

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August 2013

### UPCOMING SERVICE SCHOOLS

#### Don't Miss Out on our Upcoming Service Schools!

CAIRE offers quarterly Service Schools covering both the 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 three weeks prior to the start of the class in order to guarantee availability and materials.

For more information about our Service Schools. please

### PDF Version

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[click here](#) to be linked to our website. We look forward to hosting you at one of our upcoming Service Schools!



## PRODUCT INFORMATION

### **New Eclipse Hour Meter Reading Out-of-the-Box**

When a new Eclipse 3 is received from the factory it is normal to see up to 70 hours on the hour meter. Chart follows stringent quality standards to ensure the quality of

each product. As a result, each unit goes through extensive testing before leaving the factory. This is to ensure that each customer receives a quality product.

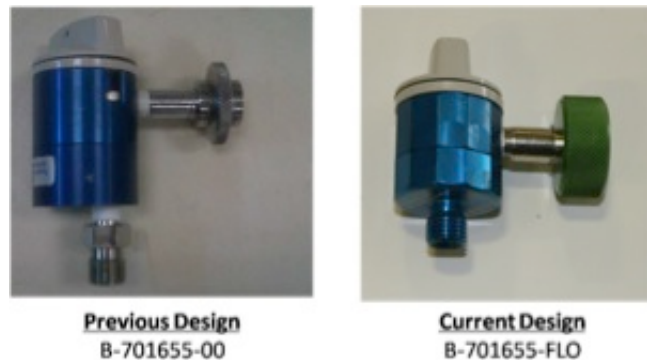
### **HELiOS Reservoir Optional FCV Change**

The design of the 0.5-10 LPM External Flow Control Valve (FCV) compatible with HELiOS reservoirs was changed effective 06/05/2012. This change was made to improve accuracy and durability.

B-701655-FLO is the part number that should be used to order an external flow control valve after the effective date. The previous design, which was ordered using part number B-701655-00, is no longer available. The new valve is a direct replacement and can be used interchangeably on both Standard and Universal HELiOS reservoirs.

The newly designed FCV directly replaces the previous part without any changes in function or performance. It can be installed on all HELiOS reservoirs without any additional attachments.

The figure below shows the visual differences between the valves.



Please [click here](#) to view the technical bulletin for more information on this product change.

### HELPFUL HINTS / FAQs

#### **Eclipse Power Indicator Light**

When troubleshooting an Eclipse for power issues, it is important to be aware of the external power status LED lights on both the power supply and the Eclipse front panel. These lights can be critical in determining the root cause of

power problems with the concentrator.

On all AC & DC power supplies, there is a status LED. It should be illuminated any time when power is being received by an AC or DC outlet.

On the front membrane panel of the Eclipse, there is an external power indicator light. This light, whose location is shown below, should be illuminated any time the device is properly plugged into AC or DC power.



Eclipse 1                      Eclipse 2 & 3  
Location of the External Power Light

### SeQual/AirSep Use Overseas

With the heightened level of travel in the summer, questions arise about compatibility of the Eclipse or AirSep portables with power currents in varying countries. These units are designed to handle a wide range of currents. If the country's power is within the below power specifications, no power converter will be needed.

Unit	Input Voltage
Eclipse 1, 2, & 3	100-240 Volts AC 50 - 60 Hz
Focus	
Freestyle 3 & 5	
Lifestyle	

If a US patient is traveling overseas, SeQual offers an optional universal power plug set, so that the US type plug can be adapted to their destination's outlet. This set can be ordered using PN 5591-SEQ.





Universal Power Plug Set

### Eclipse DC Power Operation Test

Before traveling with the Eclipse using DC power, always test the unit in the patient's vehicle. This will ensure that the car's DC Accessory Outlet will produce enough power to run the Eclipse for an extended period of time. Use the following procedure to test DC operation in a vehicle prior to use:

1. Remove the power cartridge (battery) from the Eclipse.
2. Start the vehicle.
3. Plug the Eclipse into the DC Accessory Outlet. The outlet closest to the vehicle's battery is recommended as this produces the most power.
4. Ensure that the green status LED is illuminated on the DC power supply. This ensures that it is receiving power from the accessory outlet.
5. Set the Eclipse facing outward so that the air intake filter is not obstructed and there is sufficient air flow around the device.
6. Set the Eclipse to 0.5 LPM continuous flow and allow it to run for 1-2 minutes at this flow rate.
7. Increase the continuous liter flow incrementally, testing each setting as described in Step 4 to ensure that the Eclipse does not alarm or shut off.



Green Status LED Location  
on the DC Power Supply

Step 4

## ACCESSORIES

### AirSep AirBelt™

To extend the battery duration of your Focus™ portable oxygen concentrator using an AirBelt, please remember the use of an interface cable is necessary. The interface cable allows the connection between the AirBelt™ and the Focus™.



From left:

AirBelt with Battery Gauge, PN: BT017

Interface Cable, PN: CD035-1

AirBelt connected to Focus

## SERVICE SCHOOLS & TRADESHOWS

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

### USA

**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

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

## Europe

**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!

### **FHCA**

August 5-6  
Hollywood, FL  
Booth #803

### **GAMES & ADMEA Convention**

August 25-27  
Pine Mountain, GA

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