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Med Tips

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March, 2012

PRODUCT INFORMATION

Concentrator Filter Part Numbers

Preventative Maintenance Kits are available for both the Eclipse & Integra concentrators. These kits include all 3 filters that should be changed as part of annual preventative maintenance. The PM Kit for the Eclipse is orderable using part number **#5022-SEQ**. The PM Kit for the Integra is orderable using part number **#4542-SEQ**.

All filters may also be ordered individually. Use the figure below as a guideline for ordering individual filters for CAIRE SeQual concentrators.

INTEGRA

Integra Filter	Single Part Number	Bulk Part Number
Air Inlet	SP2185-SEQ	SP2673-SEQ (Qty. 24)
Compressor Intake	2607-SEQ	SP2672-SEQ (Qty. 12)
HEPA	SP2033-SEQ	SP2671-SEQ (Qty. 12)





Figure 1--Integra Filters

ECLIPSE

Eclipse Filter	Single Part Number	Box of 12 Part Number
Air Inlet	7028-SEQ	3866-SEQ
Compressor Intake	8069-SEQ	3895-SEQ
HEPA (Original Product Tank)	6986-SEQ	3868-SEQ
HEPA (New Product Tank)	9765-SEQ	-



Figure 2--Eclipse Filters

Service Bulletin Affecting All CAIRE Companion Reservoirs

Effective February 20th, 2012, the vaporizing coil (#15055709) design on all Companion reservoirs will be modified. Reservoirs beginning with the serial number #CBB3012070245 will have the re-designed coil. The purpose of this change is to decrease the amount of frost accumulation on the coils during operation and to keep the control valves frost and ice free. For more details, please [click here](#) to download the complete service bulletin.

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HELPFUL HINTS / FAQs

Eclipse Product Tank Replacement

Q: I have an Eclipse 1 that needs a replacement product tank. Is the old style product tanks still available?

A: No, the original product tank is obsolete. The new product tank is a direct replacement and can be installed in models that originally had the two-tiered product tank.

If ANY Eclipse concentrator requires a replacement product tank, the new style tank must be ordered. It is ordered using part number **#SP4378-SEQ**. This part number is a kit that includes the product tank, the new style HEPA filter, mounting bracket, screws, and all of the tubing/connections/zip ties needed to install the tank.



Figure 4--New Product Tank

Q: I ordered SP4378-SEQ and received two metal elbow tubes. I don't see a place to install both of them. Where do they go?

A: Only one of the two tubes in this kit will be used. Which one that is needed depends on the location of the outlet port on your ATF. The metal tube is used to connect the outlet port of the ATF to the inlet barb (bottom) of the product tank.

The pictures below show the two possible locations of the outlet ports on the ATF circled in red. If the port is located on the chamber closest to the control board as shown on the left, the longer tube metal tube (#SP4398-SEQ) will be used when installing a new product tank. If the port is located on the top chamber as shown on the right, the shorter metal tube (#4399-SEQ) will be used when installing a new product tank.





Figure 5--ATF Outlet Location for Tubing Connection

HELiOS Reservoir Umbrella Seal

Some frost accumulation on the warming coils when a patient is breathing directly from a HELiOS reservoir is part of normal operation. When the flow control knob is turned off and liquid is no longer being withdrawn, this frost melts and creates moisture.

This moisture should be routed through an inlet hole in the lower shroud and into the condensate collection tray when the reservoir is functioning properly. This tray should be continuously inspected by the patient and emptied when it reaches the full (1/1) level.

The part primarily responsible for routing this moisture into the collection tray is the umbrella seal (shown below). This part surrounds the manifold and seals moisture from running beneath the lower shroud.

It is important that this umbrella seal be inspected and found to be intact. If this seal is cracked or damaged, not all of the moisture created when frost melts will be routed into the condensate tray. Rather, it can travel beneath the lower shroud and down the body of the reservoir. A replacement umbrella seal can be ordered using part number **#10025090**.



Figure 6--HELiOS Umbrella Seal

Stroller Soft Case Upgrades

The following are frequently asked questions concerning the compatibility of the Stroller soft case with different models of the portable unit:

Q: Can a hard case on a Gen 4 Stroller be replaced by a soft case?

A: Yes, the Stroller soft and Gen 4 hard cases are interchangeable. If the stroller has a Gen 4 meter, then the soft and hard cases are interchangeable. The soft case can be ordered and installed as a replacement part.

Q: Can a hard case on a Stroller with a Generation 3 meter be replaced by a soft case?

A: Yes, but only if the Stroller is first upgraded to the Gen 4 meter. After the upgrade, a soft case can be installed. For part numbers to upgrade a Stroller to Gen 4, please reference the September 2011 edition of Med Tips.



Figure 7--Gen 3 Meter (Must be upgraded to install a soft case)

Q: Can the tan hard case on older Hi-Flow Strollers and Gen 2 Strollers be replaced by a soft case?

A: No, it cannot. The soft cases are not interchangeable with the tan Hi-Flow Stroller or Gen 2 Stroller cases. These older portables used different internal parts.

ACCESSORIES

Eclipse 3 Wheelchair Pack

A wheelchair pack is available for the SeQual Eclipse. This is designed to attach to the back of a standard wheelchair. It has two buckles that secure around the wheelchair handles and two straps that secure to the bars at the bottom of the chair. The connections are shown below.



Figure 8--Eclipse Wheelchair Pack

The pack is designed to allow for proper air flow and ventilation if the Eclipse is facing outward from the seat of the chair. It also contains an opening to remove and install battery cartridges while the Eclipse is in the pack. Order the wheelchair pack using part number [#5220-SEQ](#).

SERVICE SCHOOLS & TRADESHOWS

Mark Your Calendars for our Upcoming 2012 Service Schools!

USA

Concentrator Technical Training in English

May 7-8

Ball Ground, GA

LOX Technical Training in English

May 9-10

Ball Ground, Georgia

Concentrator Technical Training in English

August 13-14

Ball Ground, GA

LOX Technical Training in English

August 15-16

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**LOX Technical Training in French**

March 7 & 8

Fonsorbes, France

LOX Technical Training in French

March 28 & 29

Fonsorbes, France

LOX Technical Training in English

April 17 & 18

Wuppertal, Germany

LOX Technical Training in Italian

April 17 & 18

Padova, Italy

Concentrator Technical Training in English

May 22 & 23

Wuppertal, Germany

Concentrator Technical Training in English

May 29 & 30

Wokingham, UK

LOX Technical Training in Spanish

June 5 & 6

Fonsorbes, France

Concentrator Technical Training in Spanish

June 7

Fonsorbes, France

Concentrator Technical Training in German

June 13 & 14
Wuppertal, Germany

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.

[California Association of Medical Products Suppliers \(CAMPS\)](#)

March 15-16
Irvine, CA USA
Booth #4

[MAMES 2012 Spring Convention](#)

March 28-30
Omaha, NE USA

[Deutsche Gesellschaft für Pneumologie und Beatmungsmedizin \(DGP\)](#)

March 29-April 1
Nuremberg, Germany
Hall 7A, Stand #15

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