

Fall 2017 Med Tips

Product Information

Companion 5™ Non-OM Version Discontinued

As of May 2017 CAIRE Inc. has discontinued the production of our Companion 5™ oxygen concentrator without the O₂ monitor (PN 15067013). Companion 5 units with the O₂ monitor will continue to be produced. This change will simplify the ordering process, improve our inventory, and benefit our customers and end users with the added safety and security the O₂ monitor provides. This version was only sold in the 120V/60Hz configuration in the United States. All 230V/50Hz units are manufactured with the O₂ Monitor already. If you have any questions regarding the change or need information on Companion 5 units with O₂ monitors please contact your CAIRE Medical sales representative or reach out to CAIRE at the contact information provided below.

Focus™ Control Boards

We've recently received some questions regarding changes to the location of the pressure transducer on the Focus™ control board. In 2015 the original transducer became obsolete. The new transducer had different dimensions, so it was necessary for us to relocate it to the back of the board. You can see the change reflected in the photos below. On the original board, CB112-1, the transducer was located just to the left of the compressor on the front of the board. On the current version of the board, CB162-1, the transducer is located just to the left of the cooling fan on the back of the board. The change to the board did not affect the function of the Focus units. The old tubing can be reused when replacing the board. It only needs to be re-routed to the back of the board.



CB 112-1



CB 162-1

Eclipse 5[®] and eQuinox[™] PM Kit Part Numbers

SeQual[®] Eclipse[®]

Preventative Maintenance Kit Item Number 5022-SEQ

Includes:

- 2 Air Intake Filters (7028-SEQ)
- Compressor Intake Filter (8069-SEQ)
- HEPA Filter, External (6986-SEQ)*
- HEPA Filter, Internal (4770-SEQ)*
- 9V Battery (8098-SEQ)
- O-Rings for Internal HEPA Filter (9251-SEQ & 4382-SEQ)
- 10 Zip Ties

**Contact technical service if you are unsure of which HEPA filter you need.*



Part number 5022-SEQ, shown above, will include all the replacement parts needed to perform preventative maintenance on Eclipse units. The kit includes two different product filters. This allows it to be compatible with Eclipse units produced with the HEPA filter internal to the product tank and also units with the disk type HEPA filter external to the product tank.

eQuinox[™]

Preventative Maintenance Kit Item Number 21079406

Includes:

- Air Inlet Filter (4845-SEQ)
- Oxygen Outlet Filter (4770-SEQ)
- Compressor Inlet Filter (9759-SEQ)
- 9V Alkaline Battery (8098-SEQ)
- Small Cable Ties X 10 (6968-SEQ)
- Small O2 Outlet Filter O-Ring (9251-SEQ)
- Large O2 Outlet Filter O-Ring (9250-SEQ)



Part number 21079406, shown above, includes all parts necessary to perform preventative maintenance on eQuinox units.

HELiOS™ Portable LOX Unit Color Change

If you've recently purchased a HELiOS™ Portable LOX unit, H300 Plus or H850 Marathon, you may have noticed that there is a slight change in the color of the plastic. CAIRE made the change in March of 2017 to a slightly darker gray case. You can see the slight difference between an older case and the new case in the photo below. The new case is on the left side of the photo. There is no change to the operation of the unit or fit of the case. Part numbers have not changed.



End of Service Life: Companion C-21 LOX Reservoir (5 Port Manifold)

Effective Immediately, CAIRE is no longer supporting service or repair parts for the Companion C-21 LOX reservoir with the 5-port manifold. This will have no effect on the C-31 or C-41 reservoirs with the 5-port manifold. Please contact CAIRE Technical Services if you have any questions.

Periodic Inspections for European CAIRE Liquid Oxygen Reservoirs and Portables

The ADR (European Agreement Concerning the International Carriage of Dangerous Goods by Road) and regulation EN1251-3 (Cryogenic vessels – Transportable vacuum insulated vessels of not more than 1000 litres) require that periodic inspections are performed on closed cryogenic vessels every 5 and 10 years. All CAIRE Liquid Oxygen Reservoirs and Portables fall under these requirements.

Chart European facilities in UK, Germany and Italy are fully accredited to perform the required inspections and also offer a further TPED accreditation service. Please contact customer service for further information.

This month CAIRE Liquid Oxygen Reservoirs and Portables manufactured in **November 2012 and November 2007** are due for inspections. The manufacture date of your equipment can be identified on the vessel's data plate.

All CAIRE Liquid Oxygen Reservoirs and Portables *located within the European Union* fall under these requirements.

HELiOS Standard Reservoir Discontinuation

CAIRE's HELiOS Standard reservoir models will be discontinued for the US and Europe as of January 1, 2018. CAIRE will continue to support and provide parts for the duration of the reservoir warranty period. After the warranty period ends, CAIRE will supply parts depending on demand and availability. The following reservoir part numbers will be affected:

B-701652-00 - H46A Top Fill Helios Standard

B-700847-00 – H46T Top Fill Helios Standard

B-701653-00 – H36A Top Fill Helios Standard

B-700846-00 – H36T Top Fill Helios Standard

Please note: The HELiOS Universal reservoir model can fill CAIRE top-fill portables.

LOX Symbolic Label Service Kits

In order to better assist our customers, CAIRE Medical has created symbolic label kits for each of our LOX units. When replacing labels on CAIRE medical devices it is a regulatory requirement that the number of the notified body who authorized the medical device at time of production is displayed on the device and is not modified. CAIRE has created service kits that are specific to each unit and its appropriate CE markings. Each service kit will include the following:

- 1. Symbolic Warning Label**
- 2. Reference guide for the symbols on the warning label**
- 3. Replacement CE label**

The CE markings are based on the model and age of the device. The appropriate label kit can be determined by the serial number on the device. Please see service bulletin PN: 21136744 for details on ordering the appropriate label kit, applicable kit part numbers, and proper placement of the labels on each device.

Eclipse ATF Service Parts

As of July 11, 2017 the Eclipse 2 and Eclipse 3 service ATF, part number SP5494-SEQ, has been obsoleted. Service part number SP20626702, the Eclipse 5 service ATF, will now work in the Eclipse 2 and Eclipse 3 models. A spacer has been added to part number SP20626702 that allows for clearance of the larger gear motor when used in the Eclipse 2 and 3 models. Part number SP20626702 is still a drop-

in replacement part in Eclipse 5 models. There will be no need for the spacer in these models. The change was implemented to streamline production and simplify service parts ordering. Please see the service bulletin for instructions regarding the installation of part number SP20626702 in Eclipse 2 and 3 models.

SureFlow 5 LPM Product Addition

The SureFlow is a station that receives oxygen from a single source and then distributes it through separate flowmeters for use by up to 5 individuals. Two or more SureFlow units can be connected together to serve even more individuals from a single source of oxygen. It is important to note that the combined output flow from the SureFlow stations cannot exceed that of the input oxygen source. You may be familiar with our 1 LPM and 2 LPM SureFlow models. Due to popular demand CAIRE is adding a SureFlow model with 5 LPM flowmeters. Each SureFlow model comes with a 7 ft. connection hose, 2 outlet adapters, and a user manual. The part number for each unit is included below. Please contact Customer Service for pricing and information.



SureFlow with 1 LPM flowmeters – FM069-1

SureFlow with 2 LPM flowmeters – FM069-2

SureFlow with 5 LPM flowmeters – FM069-5

Freestyle Hour Meters

It's been brought to CAIRE'S attention that there is some confusion in determining what the appropriate part number is for the Freestyle hour meter. Some of the confusion lies in the fact that the part number for the hour meter on the early model Freestyle (units with internal battery) changed from HM013-1 to HM014-1. The functionality and use of the meter has not changed at all. The recently redesigned Freestyle models with the detachable external battery use part number HM014-2 for their hour meter.

HM014-1 – HOUR METER FOR PREVIOUS FREESTYLE DESIGN WITH INTERNAL BATTERY

HM014-2 – HOUR METER FOR NEW REDESIGNED FREESTYLE WITH REMOVEABLE EXTERNAL BATTERY

Equinox Discontinuation Announcement

CAIRE Inc. (“CAIRE”) announced today that it will discontinue manufacturing the SeQual® eQuinox™ portable oxygen concentrator on December 31, 2017.

“In making plans for the future we identified product redundancy with our Eclipse 5® portable oxygen concentrator, since both machines provide the same clinical features, flow settings, and functionality,” said Dan Van Hise, Vice-President of Marketing for Chart’s BioMedical Group. “CAIRE has chosen to focus our product development on the Eclipse 5® with a robust product roadmap for making it the centerpiece of our clinical strategy.”

The Eclipse 5® is the premier portable oxygen concentrator in the CAIRE product portfolio with both homecare providers and oxygen users alike. This single-source oxygen therapy device offers continuous flow oxygen up to 3 LPM, and pulse dose settings 1-9 with industry-leading bolus sizes up to 192 mL. Offering advanced pulse delivery features including autoSAT® Technology, and adjustable bolus rise time and trigger sensitivity, the Eclipse 5® allows for customization of the dose to best meet the needs of the individual patient.

CAIRE will continue to provide service and parts for the SeQual® eQuinox™ through 2020 to support its warranty obligations for the existing units.

For more information, please email CAIRE at caire.request@chartindustries.com or call us at 1-800-482-2473. To see CAIRE’s full portfolio of products including the Eclipse 5®, visit www.cairemedical.com/provider.

U.S. Airbelt External Battery Discontinuation

Due to parts availability, CAIRE will no longer manufacture the US version of the Airbelt, part number BT017-1. Remaining stock will still be available until supply has depleted. Other style cords are still available, but no new Airbelts will be constructed. For Europe, UK, Australia, and Asia, please contact your Customer Service agent for BT017 availability as these regions may have more stock.



BT026 and BT024-1 are equivalent in battery times, lighter weight, smaller size and a comparable replacement for BT017.

<p>External Power Cartridge Kit (Includes Battery & Charger)</p> <p>Item Number BT026-1 (US) BT026-2 (EU) BT026-3 (AU) BT026-4 (UK)</p> 	<p>Power Cartridge Only Item Number BT024-1</p>  <p>Power Cartridge Desktop Charger Only (Power Supply with Cord Included)</p> <p>Item Number PW029-1 (US) PW029-2 (EU) PW029-3 (AU) PW029-4 (UK)</p> 
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Helpful Hints and FAQs

Non-Porous Straps for LOX Portables

Did you know that CAIRE offers non-porous straps as optional accessories for our LOX portables? We offer straps that fit the Companion® 1000, Companion® 1000T, Hi Flow, Stroller®, Sprint™, and Spirit. Many facilities require any accessible surfaces on LOX units to be disinfected. The non-porous strap is made from a material that is easy to clean and disinfect. Its smooth texture allows it to be quickly and easily wiped down. This is a great option for hospital or long-term care facilities that use CAIRE liquid oxygen portables. Please note that all new LOX units will still be built with the current standard strap. Customers will need to order the non-porous straps as an accessory. It can easily be installed in place of the standard strap on existing portables. The strap is just as durable as the standard, and will hold up to everyday use. Below are the part numbers to order the straps:

Part Number	Portable Units
20678527	COMPANION C1000, COMPANION C1000T
20678528	STROLLER, SPRINT, SPIRIT, HI-FLOW STROLLER

C1000/C1000T Non-Porous Strap



Stroller/Sprint/Spirit Non-Porous Strap



Focus Cannula Fitting Improvement

Did you know CAIRE made a small change to the O2 outlet barb on the Focus in December of 2014? You may have noticed this if your fleet contains both newer and older models. As part of our effort for continuous improvement on our products we created a new, more robust cannula attachment for the Focus. The fitting is shorter than the previous design. Although there are no issues with the previous design, this change will ensure a more durable unit. This design change has no effect on the operation of the unit. The picture below shows the older design in the foreground and the newer design on the Focus in the back.

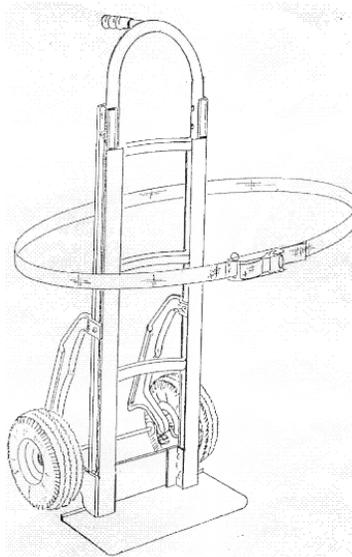


Companion Low Loss End of Service Life

The Companion Low Loss Reservoirs were discontinued prior to 2010. Parts and service are no longer available. Contact CAIRE Technical Service for any detailed questions on these models.

Companion Reservoir Van Cart Obsolete

Companion Reservoir Van Cart, Part number B-775462-00, is obsolete with no replacement.



Website Information:

The following link will take you to the CAIRE's Respiratory Healthcare page shown below:

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

CAIRE Medical Oxygen Concentrators
Chart Industries CAIRE, Inc. is a leading global manufacturer of medical oxygen concentrators and other oxygen delivery equipment for individuals with respiratory conditions. With our AirSep portable concentrators, SeQual transportable concentrators, AirSep and CAIRE stationery concentrators, CAIRE liquid oxygen systems, and other applications, CAIRE's products have helped millions of people breathe easier, and have allowed patients in any disease state continuum to stay active. CAIRE's products also keep our military safe and healthy.

Our AirSep portable concentrators and SeQual transportable concentrators allow patients in any disease state continuum to stay active with portable and liquid systems, and SeQual concentrators allow patients to benefit from 24/7 oxygen delivery. Our wide selection of AirSep and CAIRE stationary concentrators is ideal for chronic and long-term settings, as the veteran health care products offer a wide array of choices for any patient.

Learn More

Portable Oxygen Concentrators
Lightweight, FAA-approved devices designed to help keep patients active. [View >](#)

Stationary Oxygen Concentrators
Products for the home, hospital, long-term care facilities, and chronic settings. [View >](#)

Transportable Oxygen Concentrators
FAA-approved Travel Oxygen Concentrators from CAIRE. [View >](#)

Liquid Oxygen Systems
Portable units and residential systems meet the needs of your patients and practice. [View >](#)

Military
Rugged portable oxygen concentrators designed to help veterans, military personnel, in both care and battlefield situations. [View >](#)

AirSep Warranty Check
Check Your AirSep Warranty Status. [View >](#)

New SeQual AirSep II
Learn why the SeQual AirSep II is the most advanced portable oxygen concentrator. [View >](#)

If you are in search of product information, manuals, cutsheets, or service bulletins, you can select the Knowledge Center tab above, or follow the direct link below:

<http://www.chartindustries.com/Respiratory-Healthcare/Respiratory-Healthcare-Knowledge-Center/Respiratory-Healthcare-Literature>

CONTACT INFORMATION:

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Don't miss out on our upcoming Service Schools!

CAIRE Service School Training Seminars 2017 Training Dates

Date	Type of Training	Location	Language
7-9 November	Concentrator	Wokingham, UK	English

We would like to remind you that spaces are limited.

To register for Service School, please email:

techservice.usa@chartindustries.com for USA Training

jim.gibson@chartindustries.com for European Training

Have you moved or added a new location?

Reach out to us today and give that information to our customer service team!

Call: 1-800-482-2473

Email: customerservice.usa@chartindustries.com

PLEASE CONSULT THE APPLICABLE PRODUCT INSTRUCTIONS FOR USE FOR PRODUCT INDICATIONS, CONTRAINDICATIONS, WARNINGS, PRECAUTIONS, AND DETAILED SAFETY INFORMATION.