

# October/November 2016 Med Tips

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## Helpful Hints and FAQs

### Liquid Oxygen Time Use Chart

Q: How long will my liquid oxygen portable and reservoir units last at various flow rates?

A: CAIRE has a published liquid oxygen Time Use Chart for all of its liquid oxygen products which can be downloaded, printed, or viewed at the link below:

[LOX Time Use Chart](#)

The chart also includes specifications such as liquid/gaseous oxygen capacity, typical normal evaporation rates (NER), heights, and weights when empty or full.

### Dielectric Tune-Up Compound

Effective **11/01/2016** all new manufactured CAIRE Liberator<sup>®</sup> Reservoirs, Stroller<sup>®</sup>, Sprint<sup>™</sup>, and Hi Flow Portables equipped with Gen4 meters will come with dielectric compound applied to the female connector. The purpose of this compound will be to improve meter durability and reduce the risk of faulty readings caused by moisture ingress.

For units currently in service, there is no requirement to apply the compound unless problems are being experienced and customers feel that this may be due to moisture ingress. If a customer would like to purchase the compound for use on existing product, below are the Service parts numbers for purchase:

**21084709S** - DIELECTRIC TUNE-UP COMPOUND 3OZ LOCTITE 37535

**21085716S** - DIELECTRIC TUNE-UP COMPOUND 0.3OZ LOCTITE 30536

If you are ordering a replacement Gen4 meter for service, a small 0.3 oz tube will be included with the purchases so the compound does not have to be ordered separately. The 0.3 oz packet is a small, single-use packet. The 3 oz tube will be available for sale but will not be included standard on any kits.

**\*\*\*NOTE:** The dielectric compound is anticipated to be a one-time application for the lifetime of the unit. The compound should not be added each time a Gen4 meter is connected to the mating connector.

Calibration is not required upon application to the Gen4, meter but if problems persist after applying the compound, calibrate the Gen4 meter before contacting Technical Service.

To apply the dielectric grease:

1. Blow out the connectors before applying the compound.
2. Fill the female connector of the Gen4 meter fully.
3. Connect both the male and female connectors together.

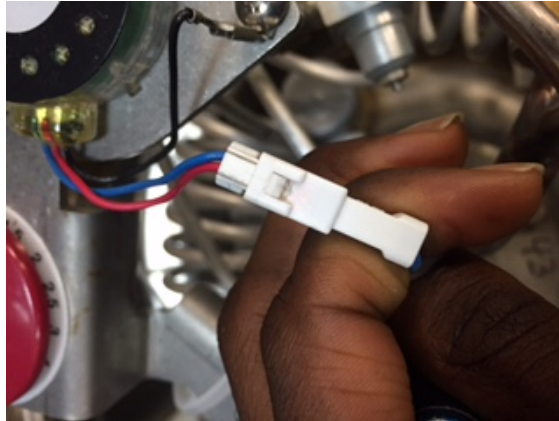


Figure #1: Gen4 Meter Connectors

4. Wipe off excess grease.

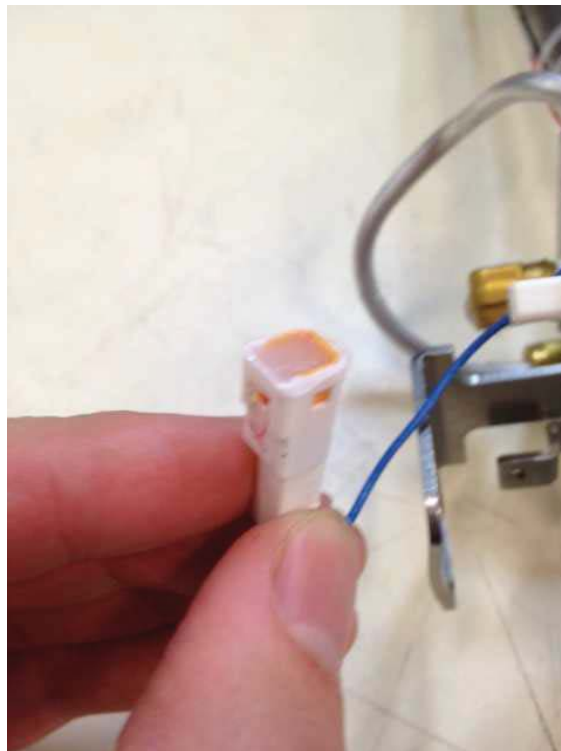


FIGURE #2: Female Connector with Dielectric Grease

## OxySafe™ and OxySafe™ Kits

The OxySafe™ is a thermal fuse to stop the flow of gas in the event that the downstream cannula or oxygen tube is ignited and burns to the OxySafe™. It is placed in-line with the nasal cannula or oxygen tubing between the patient and the oxygen outlet of the continuous flow concentrator. CAIRE offers the OxySafe as an optional accessory. This is intended to be used in conjunction with any concentrator. For customers in regions requiring compliance to EN ISO 8359:1996-Amendment 1:2012, this accessory will meet this need.



To order, use PN 20773184



CAIRE offers two different OxySafe™ kits as shown below. PN 20628667 is designed to be used with the SeQual® eQuinox™ and SeQual® Eclipse™ transportable oxygen concentrators.

#20628667  
OxySafe™ Kit With Cannula & 7 ft Tubing (2.13 m)



PN 20628668 is designed to be connected to the oxygen outlet of the AirSep® NewLife® and AirSep® VisionAire™ CAIRE® Companion 5™ stationary oxygen concentrators. This kit contains: a DISS hose barb, a tubing adaptor, and OxySafe™.

#20628668  
OxySafe™ Kit With DISS Tubing Adaptor



The shelf life of the OxySafe™ is four (4) years from the manufacture date stamped on the unit. It is also recommended that the OxySafe™ be replaced between patients. When used with the SeQual® eQuinox™, SeQual® Eclipse™, AirSep® NewLife®, CAIRE® Companion 5™ and AirSep® VisionAire™, the OxySafe™ will not restrict flow or affect the performance of the concentrator.

## CAIRE introduces the new and improved AirSep® FreeStyle® and FreeStyle® 5 portable oxygen concentrator series

Visit our product pages:

[AirSep FreeStyle](#)

[AirSep FreeStyle 5](#)

CAIRE Inc. has made major improvements to their AirSep® FreeStyle® and FreeStyle® 5 portable oxygen concentrators. Functionally, the power supply connections have been redesigned and now features a robust metal connector with no pins to align and no release button to press.

A new, front-loading, user-replaceable battery and improved battery life give the user the ability to stay active longer and offer the ultimate in convenience to both the patient and provider. The new FreeStyle batteries still re-charge on AC or DC, or by utilizing an optional desktop charger, and now have a built-in gauge that can alert the user to the total charge available before use. Aesthetically, the units have received a fresh new color palette of light grey with blue accents that is more attractive to users. The black carrying bag includes a pouch for an additional battery and a new bottom loading zipper enclosure.

For more information, the CAIRE® Customer Care Team can be reached by emailing

[CAIRE.Request@chartindustries.com](mailto:CAIRE.Request@chartindustries.com).

[Click here](#) to download the new cutsheets.



### AirSep® Focus™ Bag

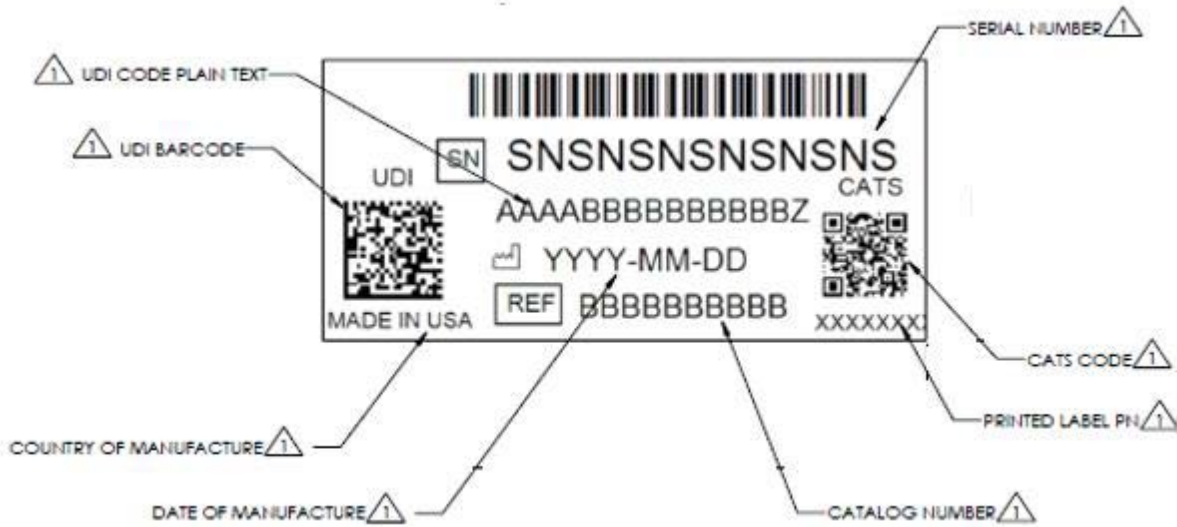
We no longer stock the individual two (2) pocket bag by itself (MI379-1). It is only available as part of the full AirSep® Focus™ Bag Kit (MI332-1) that includes both the sleeve and two (2) battery bag.

### Unique Device Indicator (UDI) label

Effective 8/29/2016 all CAIRE liquid oxygen reservoirs and portables will be manufactured with a Unique Device Indicator (UDI) label. The UDI is a code that is displayed in both human readable (plain text) and machine readable (AIDC) formats. The UDI will be made up of two parts - the Device Identifier and Product Identifier:

- Device Identifier
  - Company
  - Model number
- Product Identifier
  - Serial number
  - Manufacture Date

Please note the "CATS CODE" QR barcode will provide customers with easy access to the CAIRE website by scanning it.



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