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## Med Tips

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July 2014

## PRODUCT INFORMATION

### CAIRE Launches the New Companion 5 Compact Stationary Oxygen Concentrator!



#### The Next Generation of Quality

CAIRE's new 5 LPM compact stationary - the Companion 5 - is designed specifically for quality, performance, and reliability. The Companion 5 uses state-of-the-art technology and high-quality parts, including the highest capacity sieve and compressor, to create the most durable unit on the market. The design utilizes minimal components and internal connections. The Companion 5 reliably delivers between 0.5-5.0

LPM at high purity levels. It is sure to become the workhorse stationary of your concentrator fleet.

### **ultraSILENT™ Technology**

The Companion 5 is perfect for the noise-sensitive patients. A patent-pending intake filter is combined with a 2-chamber muffler to reduce the intake sound. A purge muffler quiets the exhaust gas, giving the Companion 5 an industry-leading quietest purge cycle that virtually eliminates the exhaust noise event. By minimizing the intake and exhaust sounds, the low and consistent sound of the Companion 5 quickly becomes unnoticeable to patients.

### **autoFLOW™ Technology**

The Companion 5 features a patent-pending system that adjusts the valve cycle timing based on flow rates. Lower flow rates will produce a shorter valve cycle. This leads to reduced power consumption, higher oxygen purity, lower operating temperatures, quieter operation, and reduced pressure at lower flow rates. These benefits not only improve performance and durability, but also maximize the efficiency of the major components.

### **The Perfect Fit for Patients**

A uncomplicated patient interface features a toggle on/off switch, easy-to-read LED lights, audible alarms, and a simple rotating flow control knob. The robust metal cannula barb provides a secure connection and the humidifier bottle stand is integrated into the front panel for easy access, attachment and durability.

### **Simplicity of Service**

The CAIRE Companion 5 was built with ease of service in mind. The 2-piece cabinet opens easily and all parts are quickly accessible. The unit contains a minimal amount of internal parts and connections. All components are quick and easy to exchange, including quick-release sieve beds.

Provider maintenance is only required in 2-year intervals. The Companion 5 Air Intake Filter is easily accessible for inspection and replacement through a panel in the bottom of the cabinet. The LED hour meter also displays diagnostic alarm codes, making service calls and diagnostics easier than ever.

### **Features:**

- Delivers 0.5-5.0 LPM continuous flow at high purity levels
- autoFLOW technology reduces power by 15% (250 W) when running at 2.0 LPM
- ultraSILENT technology produces industry-leading quietest

- purge cycle and near silent operation
- Compact design is tall and narrow to fit into a patient's home environment
- Unit is easily transported by the rollerbase or integrated top handle
- Optional OCSI (Oxygen Monitoring) available for added security
- A robust metal cannula barb and a front-loading humidifier bottle stand for easy access and secure attachment
- 2-piece service cabinet with minimal internal parts and connections is simple to work on and maintain
- Easy-to-read LED hour meter displays diagnostic alarm codes
- Intake filter is easily accessible through filter door for quick inspection and replacement
- 2-year maintenance interval

## **Carrying Bags for FreeStyle and FreeStyle 5 POCs**

CAIRE has now introduced new-style FreeStyle Carrying Bags! These new robust bags have pockets to hold the AirSep External Power Cartridge for longer battery life. The option of a carrying handle, shoulder strap, or backpack harness gives the patient multiple options for portability.

All new FreeStyle and FreeStyle 5 units are now shipping with these new and improved bags.



### Features and Improvements:

- ① **NEW** robust material and construction for increased durability
- ② Allows for attachment of backpack harness
- ③ **NEW** side pocket designed specifically to hold the AirSep POC External Power Cartridge for longer battery life
- ④ **NEW** Integrated Carry Handle gives added mobility options
- ⑤ **NEW** zipper top cover is more reliable and protective than the previous flap design
- ⑥ Allows for attachment of shoulder strap for carrying
- ⑦ **NEW** Additional pocket on the back of the bag to hold accessories, personal items, or additional Power Cartridges

### ORDERING INFORMATION:

FreeStyle 3 Carrying Bag:

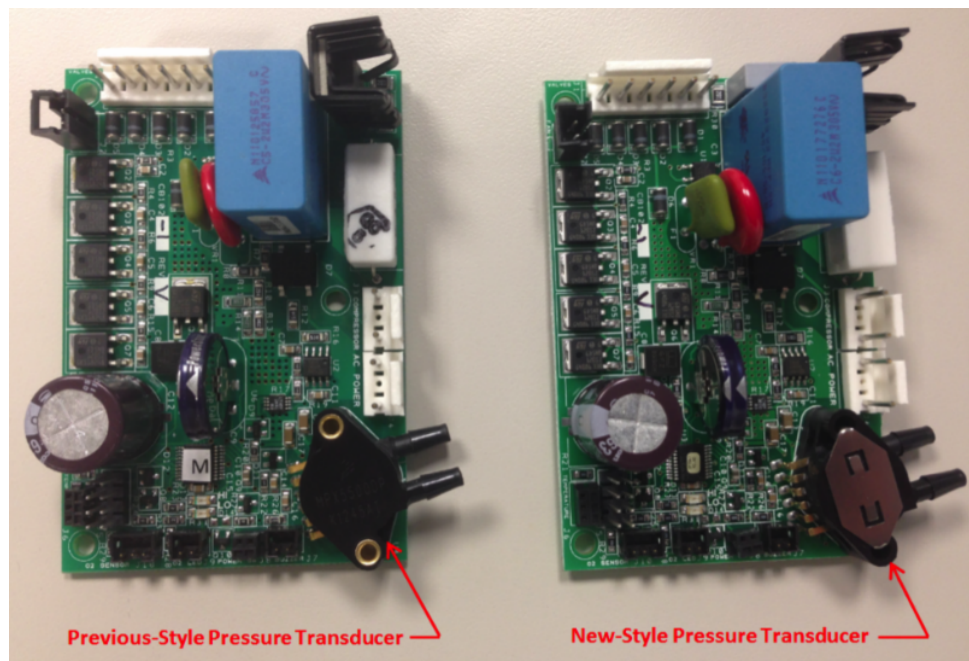
**#MI406-1**

FreeStyle 5 Carrying Bag:

**#MI407-1**

## VisionAire Main Circuit Board Pressure Transducer Change

The pressure transducer on the VisionAire circuit boards has changed. The previous-style was rivet-mounted and the new-style is clip-mounted. The part numbers have remained the same. It is recommended to hold the pressure transducer to the circuit board with your fingers while removing/attaching tubing to the sensor barb to prevent potential damage to the transducer/circuit board.



## Ferrule Change with CAIRE LOX Products

Effective immediately, Liberator reservoirs along with Spirit, Sprint, Stroller, and Hi Flow Stroller portables will be manufactured with new-style tube nuts and ferrules. The new-style will only require the use of one ferrule as the previous-style required two. Please [click here](#) to view the service bulletin with more information on this change.

## Vent Valve Change with CAIRE HELiOS Marathon (H850)

Effective immediately, HELiOS Marathons will be manufactured with an newly designed Vent Valve Assembly. Please [click here](#) to view the service bulletin with more information on this change.

## HELPFUL HINTS / FAQs

### NewLife Intensity 10: AC to DC Fan Retrofit Kit

During March of 2012 NewLife Intensity 10 had a change from an AC fan to a DC fan. The improved design implementing the DC fan allows the compressor to be cooled more effectively. Older

units equipped with the AC fan can be upgraded to the DC Fan using PN: KI371-1 (for 120V units) or KI371-2 (for 220V units). The retrofit kit will include a circuit board that will convert the AC voltage to the appropriate DC voltage along with mounting hardware and the 12VDC Fan.

## Getting FreeStyle and FreeStyle 5 into Test Mode

**Q:** How do I get my FreeStyle and FreeStyle 5 into Test Mode to test the concentration?

**A1:** To get the FreeStyle into Test Mode, with the unit off, simply press the 2 button to turn it on and wait for the 10s warm-up period to finish (you will hear the internal fan turn on after 10s). Once the fan turns on, press and hold the 1 and 3 buttons at the same time and hold for 5s until all of the LEDs illuminate above the flow control setting buttons. The unit is in Test Mode and will start auto-pulsing.

To Put FreeStyle into Test Mode:



To Put FreeStyle 5 into Test Mode:

**A2:** To get the FreeStyle 5 into Test Mode, with the unit off, simply press the 2 button to turn it on and wait for the 10s warm-up period to finish (you will hear the internal fan turn on after 10s). Once the fan turns on, press and hold the 1 and 5 buttons at the same time and hold for 5s until all of the LEDs illuminate above the flow control setting buttons. The unit is in Test Mode and will start auto-pulsing.






## ACCESSORIES

eQuinox Battery Pack and Desktop Charger



The Standard 12-Cell Battery Pack for the SeQual eQuinox can be ordered using PN: 4823-SEQ and the 24-Cell Battery Pack (for extended durations) can be ordered using PN 4972-SEQ. These items will charge when installed inside the eQuinox unit and connected to external power but the eQuinox Desktop Charger can be ordered using PN: 4980-SEQ.

## SeQual eQuinox

Item Image	Item Number	Description
	4823-SEQ	<b>eQuinox 12-Cell Battery Pack:</b> Standard battery pack for use with the SeQual eQuinox.
	4972-SEQ	<b>eQuinox 24-Cell Battery Pack:</b> Larger battery pack for extended use of the SeQual eQuinox.
	4980-SEQ	<b>eQuinox Desktop Charger:</b> Tabletop charger to recharge both the 12 and 24-cell battery packs from AC power. Includes charger and AC power supply.

Typical New Battery Pack Operating Times*		
	Battery Type	
	12-Cell	24-Cell
<b>Continuous Mode</b>		
0.5 LPM	2.48 hrs	5.28 hrs
1 LPM	2.16 hrs	4.84 hrs
2 LPM	1.20 hrs	2.75 hrs
3 LPM	0.80 hrs	1.83 hrs
<b>Pulse Mode (12 BPM)</b>		
Setting 1.0 Bolus 16 mL	2.62 hrs	5.94 hrs
Setting 2.0 Bolus 32 mL	2.50 hrs	5.70 hrs
Setting 3.0 Bolus 48 mL	2.38 hrs	5.39 hrs
Setting 4.0 Bolus 64mL	2.31 hrs	4.94 hrs
Setting 5.0 Bolus 80 mL	2.22 hrs	4.75 hrs
Setting 6.0 Bolus 96 mL	1.70 hrs	3.85 hrs
Setting 7.0 Bolus 128 mL	1.56 hrs	3.33 hrs
Setting 8.0 Bolus 160 mL	1.28 hrs	2.72 hrs
Setting 9.0 Bolus 192 mL	1.0 hrs	2.15 hrs

## SERVICE SCHOOLS & TRADESHOWS

**Mark Your Calendars for our Upcoming 2014 Service Schools!**

### USA

**2014 Service School dates have been released!**

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

**Concentrator Training: August 18, 19, 20 in Buffalo, NY**

**LOX Training: August 21 & 22 in Buffalo, NY**

*\*Buffalo trainings include a tour of our AirSep manufacturing facility.*

**Concentrator Training: November 10, 11, 12 in Ball Ground, GA**

**LOX Training: November 13 & 14 in Ball Ground, GA**

*\*Ball Ground trainings include a tour of our CAIRE and SeQual manufacturing facility.*

### Europe

**2014 Service School dates have been released!**

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

**German LOX Training: September 9 & 10 in Wuppertal, Germany**

**German Concentrator Training: October 14, 15, 16 in Wuppertal, Germany**

**English LOX Training: October 28 & 29 in Wokingham, UK**

**Italian LOX Training: October 29 & 30 in Padova, Italy**

**English Concentrator Training: November 18, 19, 20 in Wokingham, UK**

### Tradeshows

We will be attending the following trade shows this month. We



would love for you to stop by our booth!

## GAMES/ADMEA Conference

July 27

Pine Mountain, GA

CAIRE

## CONTACT US

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