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Med Tips

March 2015

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PRODUCT INFORMATION

Warranty Status

Due to recent website updates, the warranty check page has moved.

You can access the warranty check page [here](#), or you can follow the tabs below.

PDF Version

To view Med Tips in PDF, [click here](#).

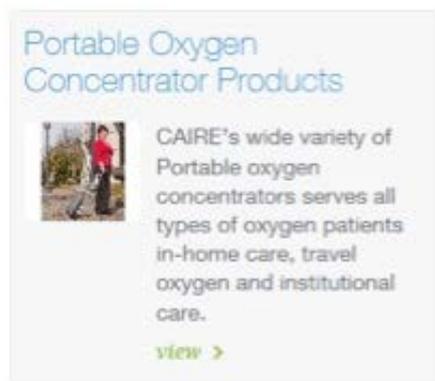
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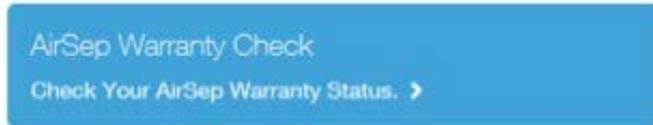
1. Go to www.chartindustries.com/respiratory-healthcare
2. Click on Products for Respiratory Healthcare.



3. Click on Portable Oxygen Concentrator Products.



4. Click on AirSep Warranty Check at the bottom of the page.



SeQual Eclipse 5 Pulse Flow Features

The SeQual Eclipse has several unique features in pulse flow. These features allow it to be customized to fit the specific needs and comfort of individual patients. The Eclipse operates on a fixed bolus volume and is dosed in mL delivered per breath as shown below. autoSAT Technology: AutoSAT™ detects changes in breathing rates and adjusts its motor speed to ensure a constant oxygen volume is always delivered to the patient with each breath. As breath rate increases, the autoSAT feature ensures delivery of the set pulse dose on every breath; no skipped breaths or reduction in pulse size. The Eclipse automatically adjusts to oxygen demands, so that there is no limitation of available oxygen on pulse mode.



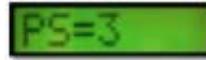
Adjustable Rise Time:

The rise time setting defines how quickly the set volume bolus (puff of air) is delivered in pulse mode. Designated in the Eclipse provider menu by "BOL=" the rise time can be set to SLOW, MED, or FAST. The factory default value is FAST and this should only be adjusted by a clinician for patient comfort.



Pulse Mode Sensitivity:

Designated in the Eclipse provider menu by "PS=" and can be set to 1, 2, or 3. the pulse sensitivity setting defines how easily pulse mode is activated by a patient breath. A setting of 1 is the most sensitive, and the setting of 3 is the least sensitive. The factory default value is 2 and this should only be adjusted by a clinician to meet patient requirements.



Battery Conservation:

If no breath is detected for 15 seconds in pulse mode, the Eclipse will enter a battery conservation mode. It will deliver continuous flow at the last continuous flow setting for 15 seconds. Then, the continuous flow will stop and it will search for a breath for 15 seconds. The pattern of 15 seconds continuous flow and 15 seconds of no flow, searching for a breath, will continue until another breath is detected. This cycling helps to preserve the battery life if no breath is detected in pulse mode (cannula disconnected, patient breathing through mouth, etc.) and also ensures oxygen delivery is continued if the patient has fallen asleep while using pulse mode.

QDV Updated Part Numbers



10566420TAME replaced 10566420T
(QDV PORT TF F PB TPED)



20553105AME replaced 20553105
QDV PORT TF F PB TPED WO ADPTR



20553107AME replaced 20553107
QDV PORT TF F PB TPED w/ ADPTR

This is simply a part number change and there is not a noticeable visual change to the QDV. The performance, specifications, and design have not been modified in any way. All new part numbers are interchangeable with old part numbers when servicing a unit.

Concentrator Membrane Panels

If the keypad has malfunctioned on an Eclipse concentrator, the membrane can be ordered as a replacement part. The membrane panel consists of the keypad cable that connects to the main circuit board. The keypad is shipped with an adhesive attach to the case of the concentrator. Use the table below as a guideline for ordering replacement membrane panels for any SeQual concentrator.

Concentrator	Membrane Panel
Eclipse 2	SP3972-SEQ
Eclipse 3	SP4225-SEQ
Eclipse 5	SP20618461



HELPFUL HINTS / FAQs

Liberator FCV Extension O-Ring

Q: Can the O-ring on the Gen 4 Liberator Flow Control Valve extension be ordered as a replacement part?

A: Yes. The O-ring is available as an orderable part. It is orderable using part number #13643945.

O-Ring
#13643945



HELiOS Marathon Warming Coil Assembly

Q: I just ordered replacement warming coils for the H850 Marathon portable. They are a different alignment than the coils that were originally on the Marathon. They do not connect and cannot be installed. Did I order the wrong part?

A: The alignment of the warming coil was changed on all H850 portables manufactured December 4, 2008 (SN B-08338003). The figure below illustrates the change in coil. Note the center piece that goes across the bottle opens in a different direction. The previous style (pictured on the right below), contained two nuts and ferrules were both located on the same side of the coil assembly. In contrast, the current has one nut and ferrule connect on each side.



The replacement coil assembly for the H850 may be ordered using part number 14961937-SV. This assembly is the current coil alignment and contains the nuts and ferrules already. The previous coil design before 2008 is no longer available, so the correct part was response to the question above. The two alignments of coil can be used interchangeably and the current service as a replacement on older H850 units. However, in order to install the replacement liquid withdrawal tube will need to be bent and realigned. If you are replacing the warming coils on an older H850, as described above, please

contact Technical Support after receiving the new coil assembly. Technical Support can assist you with the correct procedure for bending and realigning the liquid withdrawal tube to fit the current coil.

ACCESSORIES

DISS Adaptor

The DISS Adaptor connects to the O2 outlet so that the patient can connect tubing or a cannula for direct breathing.



B-776945-00

Order with Liquid Oxygen Products



F0025 - 1

Order with AirSep Concentrator Products

SERVICE SCHOOLS & TRADE SHOWS

2015 Service School dates have been announced!

USA

2015 Service School Dates:

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

Concentrator Training: June 15-17 in Ball Ground, GA

LOX Training: June 18-19 in Ball Ground, GA

Concentrator Training: November 2-4 in Ball Ground, GA

LOX Training: November 5-6 in Ball Ground, GA

**Trainings include a tour of our CAIRE and SeQual manufacturing facility.*

Europe

LOX Trainings:

March 30-31 in Toulouse / France - French language
April 8-9 in Padova Italy - Italian language
April 15-16 in Wuppertal/Germany - German language
August 19-20 in Wuppertal/Germany - German language
April 28-29 in Wuppertal/Germany - English language
October 5-6 in Toulouse/France - French language
October 14-15 in Wokingham/United Kingdom - English language
October 21-22 in Padova Italy - Italian language

Concentrator Trainings:

April 1-3 in Toulouse/France - French language
May 19-21 in Wuppertal/Germany - German language
June 9-11 in Padova Italy - Italian language
June 23-25 in Wuppertal/Germany - English language
September 22-24 in Wuppertal/Germany - German language
October 7-9 in Toulouse/France - French language
November 24-26 in Wokingham/United Kingdom - English language

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

Trade Shows

We will be attending the following trade shows this month. We would love for you to stop by our booth!

DGP

March 18-21
City Cube Berlin, Germany
Stand # 56 - Hall B

Motion Specialities Excellence Sales Conference

March 23-24
Niagra on the Lake

China MED

March 26-28

Beijing, China
Booth # 4A036 and 4A037

MedTrade Spring
March 31-April 1
Las Vegas, NV
Booth #335

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