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September 2015

## PRODUCT INFORMATION

### LOX Transfill Adapter QDV Service Replacement

When replacing the posi-lock QDV (PN 10679176) on a LOX transfill adapter, there is a seal to avoid leaks inside of the threaded end. This seal can be discarded as the new QDV service replacement (PN 20803813) comes with a replacement seal. The new QDV should be tightened to 40FT-LBS and the transfill adapter should be tested for leaks after installation.



QDV Service Replacement (PN 20803813) with Seal



New QDV (left) and posi-lock QDV (right)

## **Adjusting the Product Regulator for the Airsep VisionAire Family and NewLife Family Stationary Oxygen Concentrators**

If the regulator on the stationary oxygen concentrator is not properly adjusted, the flow ball will not rise to specified levels or the flow may fluctuate. Please use the procedures listed below to adjust the regulator for normal operation. The VisionAire and NewLife Elite regulators are adjusted for flow and the NewLife Intensity and Intensity 10 regulators are adjusted for pressure.

### **VisionAire 5 Regulator Check and Setting:**

The product regulator enables you to set the maximum flow of oxygen output by the Visionaire unit. To check for proper adjustment of the regulator, take the following steps:

1. Set the I/O power switch to the "I" position.
2. Allow the unit to run for five minutes.
3. Turn the flow meter adjustment knob counterclockwise until it stops (wide open).
4. The flow meter ball should be set to  $\frac{1}{2}$  liter above the maximum flow rate. If not, the product regulator needs to be reset.

### **Setting Product Regulator for Normal Operation:**

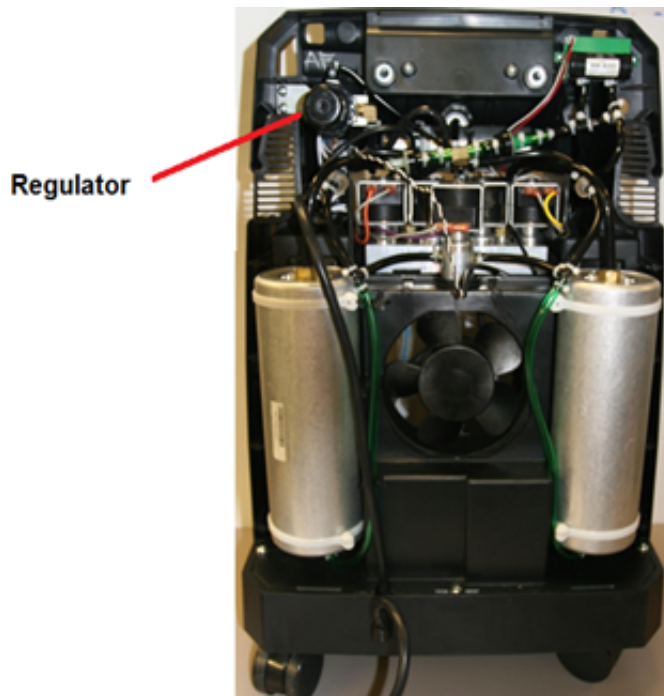
Use the following procedure to reset the product regulator:

1. Disconnect the humidifier bottle, if used, and the tubing from oxygen outlet.
2. Plug in the unit.
3. Set the unit's I/O power switch to the "I" position, and allow unit

- to run five minutes to build up pressure.
4. Turn the flow meter adjustment knob counterclockwise until it stops (wide open).
  5. Remove the back panel of unit.
  6. Pull outward on the regulator knob to unlock it.
  7. Turn the regulator knob (clockwise to increase) until flow meter ball is set to  $\frac{1}{2}$  liter above the maximum flow rate.
  8. Push in the regulator knob to lock it.
  9. Reconnect the back panel.



Flow Meter with Ball at 5.5 LPM



VisionAire Regulator

### **NewLife Elite Regulator Check and Setting:**

The product regulator enables you to set the maximum flow of oxygen output by the NewLife unit. To check for proper adjustment of the product regulator, take the following steps:

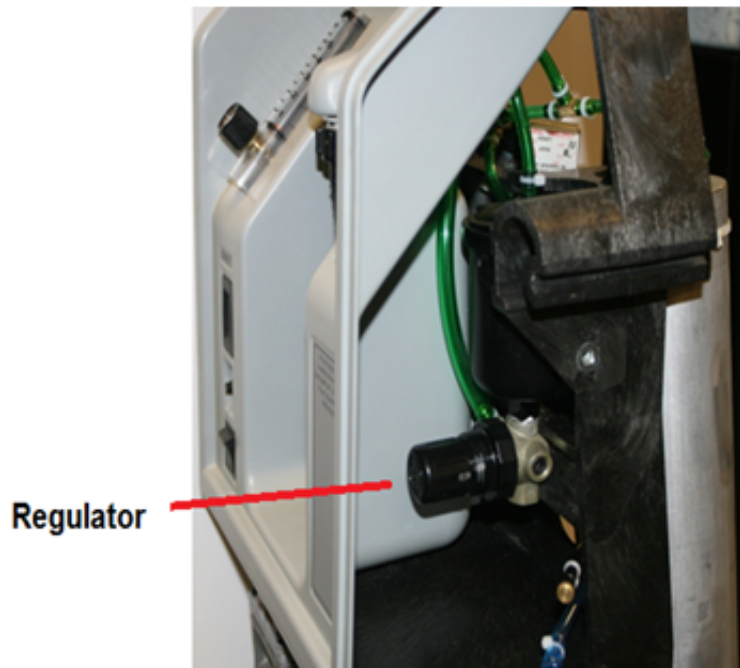
1. Set the ON/OFF switch to the ON position.
2. Allow the unit to run for three minutes.

3. Turn the flowmeter adjustment knob counterclockwise until it stops (wide open).
4. The flowmeter ball centers itself on the 5.5 lpm line. If not, the product regulator needs to be reset.

### **Setting Product Regulator for Normal Operation:**

Use the following procedure to reset the product regulator:

1. Disconnect the humidifier bottle, if used, and the tubing from the oxygen outlet.
2. Plug in the unit.
3. Set the unit's ON/OFF switch to the ON position, and allow the unit to run at least three minutes to build up pressure.
4. Remove the right side panel.
5. Turn the flowmeter adjustment knob counterclockwise until it stops (wide open).
6. Pull outward on the regulator knob to unlock it.
7. Turn the regulator knob or set screws until the flowmeter ball centers on the 5.5 lpm line (clockwise to increase).
8. Push in the regulator knob to lock it.
9. Reconnect the side panel.



NewLife Elite Regulator

### **NewLife Intensity and Intensity 10 Product Regulator Check and Setting:**

The product regulator is factory-set at 20 psig (138 kPa) and should not require adjustment. To check for proper adjustment of the product regulator, take the following steps:

1. Install outlet pressure test kit to the outlet of the NewLife Intensity unit.

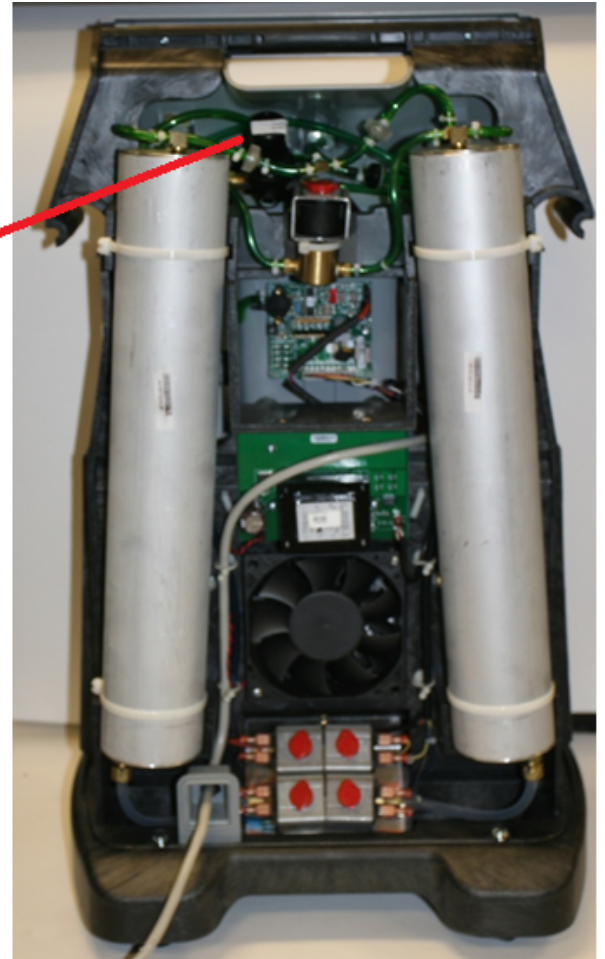
2. Set the unit's I/O power switch to the "I" position.
3. Turn the flowmeter adjustment knob counterclockwise until it stops (wide open).
4. Allow the unit to run for five minutes.
5. The outlet pressure should be 20 psig (138 kPa). If the outlet pressure is not at 20 psig (138 kPa), the product regulator needs to be reset.

### **Setting Product Regulator for Normal Operation:**

Use the following procedure to set the product regulator to 20 psig (138 kPa):

1. Disconnect the humidifier bottle, if used, and the tubing from oxygen outlet.
2. Remove the side panels and back panel.
3. Connect unit to power.
4. Install outlet pressure test kit to the outlet of the NewLife Intensity.
5. Set the unit's I/O power switch to the "I" position, and allow unit to run at least five minutes to build up pressure.
6. Turn the flowmeter adjustment knob counterclockwise until it stops (wide open).
7. Pull outward on the regulator knob to unlock it.
8. Turn the regulator knob until the outlet pressure is 20 psig (138 kPa) on the gauge of the pressure test kit.
9. Push in the regulator knob to lock it.
10. Reconnect the back and side panels

**Pressure Regulator**



NewLife Intensity Pressure Regulator

## FreeStyle Control Panel

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

| Concentrator | Membrane Panel |
|--------------|----------------|
| FreeStyle 3  | CP141-1        |
| FreeStyle 5  | CP157-1        |



## VisionAire Power Cord Velcro Strap

**Q:** What is the part number for a replacement velcro strap to wrap around the power cord on the Visionaire for storage and transporting purposes?



**A:** The replacement velcro strap part number is CD024-1.



## Airbelt and External Battery Cartridge Warranty

**Q:** What is the warranty on an External Battery Cartridge and Airbelt Battery?

**A:** The Airbelt and External Battery Cartridge both have a one year warranty.

|   |   |  |
|---|---|--|
|  | <b>Country-Specific Power Cords Available:</b><br>BT026-1 (USA)<br>BT026-2 (Europe)<br>BT026-3 (Australia)<br>BT026-4 (UK)<br>BT026-5 (Brazil)<br>BT026-6 (Swiss) | <b>AirSep External Power Cartridge Kit:</b> Includes one external power cartridge (BT024-1), one charger (PW029), and power supply for the charger. For use with FreeStyle and FreeStyle 5. Also compatible with the Focus using the Focus Cable Adapter, PN: CD035-1. Please see below. |
|  | <b>Country-Specific Power Cords Available:</b><br>BT017-1 (USA)<br>BT017-2 (Europe)<br>BT017-3 (Australia)<br>BT017-4 (UK)  | <b>AirBelt Battery:</b> Extended battery power source for AirSep portable oxygen concentrators designed to be worn around the waist. Compatible with all AirSep portable oxygen concentrators including: Focus, FreeStyle, and FreeStyle 5. (Includes power supply for recharging.)      |

## Eclipse Battery Life Needed for Airline Travel

**Q:** How many batteries should I bring for my flight?

**A:** Most airlines require that you have an adequate number of fully charged batteries to power the device for at least 150% of the expected maximum trip duration (flight times, all ground time; before and after flight, and during connections and for unexpected delays). Each airline has their own requirements for traveling with oxygen. Contact your airline at least 48 hours prior to departure to inform them you will be traveling with the Eclipse.

### Continuous Flow

FLIGHT LENGTH (in Hrs)\*

| SETTING | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 | 9.0 | 10.0 |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|         | 1   | 1   | 1   | 2   | 2   | 2   | 3   | 3   | 4   | 4    |
|         | 1   | 1   | 2   | 2   | 2   | 3   | 3   | 4   | 4   | 5    |
|         | 1   | 1   | 2   | 2   | 3   | 3   | 4   | 4   | 5   | 5    |
|         | 1   | 2   | 2   | 3   | 4   | 4   | 5   | 5   | 6   | 7    |
|         | 1   | 2   | 3   | 4   | 5   | 5   | 6   | 7   | 8   | 9    |
|         | 2   | 3   | 4   | 5   | 6   | 7   | 9   | 10  | 11  | 12   |

ESTIMATED # OF POWER CARTRIDGES NEEDED

\*Table accounts for the typical 150% duration requirement.

### Pulse Dose Mode





FLIGHT LENGTH (in Hrs)\*

| PULSE SETTING | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 | 9.0 | 10.0 |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|               | 1   | 1   | 1   | 2   | 2   | 2   | 3   | 3   | 4   | 4    |
|               | 1   | 1   | 2   | 2   | 2   | 3   | 3   | 3   | 4   | 4    |
|               | 1   | 1   | 2   | 2   | 3   | 3   | 3   | 4   | 4   | 5    |
|               | 1   | 1   | 2   | 2   | 3   | 3   | 4   | 4   | 5   | 5    |
|               | 1   | 1   | 2   | 2   | 3   | 3   | 4   | 4   | 5   | 5    |
|               | 1   | 2   | 2   | 3   | 3   | 4   | 4   | 5   | 5   | 6    |
|               | 1   | 2   | 2   | 3   | 3   | 4   | 4   | 5   | 6   | 6    |
|               | 1   | 2   | 2   | 3   | 3   | 4   | 5   | 5   | 6   | 6    |
|               | 1   | 2   | 2   | 3   | 4   | 4   | 5   | 6   | 6   | 7    |
|               | 1   | 2   | 2   | 3   | 4   | 5   | 5   | 6   | 7   | 7    |
|               | 1   | 2   | 3   | 3   | 4   | 5   | 5   | 6   | 7   | 8    |

Table is based on 20 Breaths Per Minute, for Pulse Dose Mode only.

## ACCESSORIES



|   |   |  |
|---|---|--|
|  | <b>Country-Specific Power Cords Available:</b><br>PW022-1 (US)<br>PW022-2 (Europe)<br>PW022-3 (Australia)<br>PW022-4 (UK) | <b>Universal Power Supply for FreeStyle 3:</b> A complete kit which includes everything needed to operate and recharge the FreeStyle 3 on either AC or DC power. Includes items CD034-1 and CD023-2. |
|  | PW025-1   | <b>Universal Power Supply (Brick Only) For FreeStyle:</b> Does not include any cords or cables.  |
|  | TU131-1   | <b>AirSep NewLife Intensity 8 Outlet Pressure Tubing:</b> Tubing used to test the outlet pressure of the NewLife Intensity 8.  |
|  | TU131-2   | <b>AirSep NewLife Intensity 10 Outlet Pressure Tubing:</b> Tubing used to test the outlet pressure of the NewLife Intensity 10.  |

## SERVICE SCHOOLS & TRADE SHOWS

### 2015 Service School dates have been announced!

#### Europe

##### LOX Trainings:

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:

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 year. We would love for you to stop by our booth!

##### AACVPR

September 9-12

Washington, D.C.

Booth # 505

## CONTACT US

**For ordering information, contact Customer Service:**

|                       |   |
|-----------------------|---|
| United Kingdom        | +44 (0) 1189 367060                           |
| France                | +33 (0) 561 429 411                           |
| Germany               | +49 (0) 202 739 55420                         |
| Italy                 | +39 049 879 9601                              |
|                       | customerservice.europe@chartindustries.com    |
| Australia/New Zealand | +61 2 9749 4333                               |
|                       | customerservice.australia@chartindustries.com |
| Asia/Pac Rim          | 770.721.7759                                  |
|                       | csasia@chartindustries.com                    |
| The Americas          | 770.721.7759                                  |
| US Toll-Free          | 800.482.2473                                  |
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|----------------|--|
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| US Toll-Free   | 800.482.2473                           |
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