
Frequently Asked Questions (FAQ's)

Ground Support Equipment for the Aqua Lung SEA LV2 CA-EBS

1. Question: How is the Aqua Lung SEA LV2 CA-EBS filled?

Answer: There are 4 standard methods of filling

- a) Using the Aqua Lung **SCUBA Fill ADAPTER** (part # 108325). This most used method is the single fill using the Scuba Fill Adapter. The ground support personnel can fill or top off the individual CA-EBS, one at a time, from a single SCUBA cylinder which is filled to 3000PSI. Copy and paste the following link to your browser to download the data sheet for a photo and further description:

<https://capewellaerialsystems.com/wp-content/uploads/2020/03/SFA-Data-Sheet.pdf>

- b) Using the Aqua Lung **COMPRESSOR FILL ADAPTER** (part # M1006-56). This infrequently used method would allow the CA-EBS to be refilled from a SCUBA compressor, normally found in a SCUBA retailer. See the attached data sheet for a photo and further description. This fill adapter must be used in conjunction with the SFA (part # 108325). Copy and paste the following link to your browser to download the data sheet for a photo and further description:

<https://capewellaerialsystems.com/wp-content/uploads/2020/03/CFA-Data-Sheet.pdf>

- c) Using the Capewell **MOBILE REFILL STATION** (part # AMTC-X0077). This advanced method will refill from 1-4 Aqua Lung CA-EBS and is deployable. The MRS4500 contains three Carbon Fiber Composite Cylinders that provide the supply of compressed air and can be refilled used the Capewell Life Support Air Compressor (LSAC). Copy and paste the following link to your browser to download the data sheet for a photo and further description:

<https://capewellaerialsystems.com/wp-content/uploads/2016/09/MRS-Data-Sheet-3-15.pdf>

- d) Using the Capewell **Deployable Refill Station** (part # AMTC-X0084). This most popular method will refill 1-2 Aqua Lung CA-EBS and is deployable. The DRS4500 contains two Carbon Fiber Composite Cylinders that provide the supply of compressed air and can be refilled used the Capewell Life Support Air Compressor (LSAC). Copy and paste the following link to your browser to download the data sheet for a photo and further description:

<https://capewellaerialsystems.com/wp-content/uploads/2016/09/DRS-Data-Sheet.pdf>

2. Question: How are the MRS4500 and DRS4500 filled?

Answer: Both deployable refill stations can be filled from the LSAC

- a) Using the Capewell **Life Support Air Compressor** (part # AMTC-LSAC). This deployable three stage breathing air compressor is specifically designed to fill the MRS4500 and the DRS4500. The LSAC is mounted on a protective frame with wheels and operates on 50 or 60 hertz single phase power. Copy and paste the following link to your browser to download the data sheet for a photo and further description:

<https://capewellaerialsystems.com/wp-content/uploads/2017/06/LSAC-Data-Sheet-3-15.pdf>

3. Question: What are the MSRP’s on the Capewell Ground Support Equipment (GSE)and how can they be ordered?

Answer: This family of GSE can be ordered directly from Capewell Aerial Systems by calling 276.952.2006 or sales@capewell.com

Part #	Description	MSRP (as of 1/1/2020) *
108325	SFA	\$199.75
M100656	CFA	\$128.62
AMTC-X0077	Mobile Refill Station	\$18,990.00
AMTC-X0084	Deployable Refill Station	\$15,350.00
AMTC-LSAC	Life Support Air Compressor	\$22,000.00
AMTC-K-2039	Facility Refill Station	\$7,500.00

*Prices subject to change and it is best to call for a quotation.

4. QUESTION: How do I comply with the 2-year required factory maintenance on the Aqua Lung SEA LV2 CA-EBS?

Answer: We suggest that you contact Capewell Aerial Systems at 276.952.2006, or sales@capewell.com, and arrange to return the SEA LV2 for factory service.

As a note, the local SCUBA retailer is not authorized to conduct this service.

- a) **You can start a maintenance service contract.** The 2020 CY cost is \$169.00 (subject to change) and the turnaround time is 7 days. Loaner units can be arranged if necessary.

- b) **We can train your Aviation Life Support Equipment (ALSE) Manager.** Capewell offers a factory authorized training program in which one or more of your staff will become certified to conduct this factory service. Keep in mind that there is an investment of the training cost as well as the spare parts kits and specialty tools. Most customers find that the most cost-effective method is to return the SEA LV2 to Capewell for this service. Contact Capewell Aerial Systems for more details on the factory authorized training for maintenance personnel. Copy and paste the following link to your browser to download the FAQ.

<https://capewellaerialsystems.com/wp-content/uploads/2020/03/FAQ-on-Aqua-Lung-SEA-LV2-Technician-Training.pdf>

5. QUESTION: If I want a custom fixed installation to fill multiple CA-EBS, do you offer that service?

Answer: We suggest that you contact Capewell Aerial Systems at 276.952.2006, or sales@capewell.com, and ask for more details from a subject matter expert.

We have assisted several customers with a custom permanent wall mounted refill station, such as the Capewell FRS, to fill up to 8 Aqua Lung CA-EBS units. Typically, this installation would include a large capacity storage cylinder mounted between the LSAC and the FRS to minimize the requirement to continually run the LSAC. Copy and paste the following link to your browser to download the FAQ:

<https://capewellaerialsystems.com/wp-content/uploads/2018/01/FRS-4500-Data-Sheet.pdf>

6. Question: Where can I find more information on Capewell products?

Answer: We suggest that you copy and paste the following link to your browser or visit the Capewell web site:

<https://capewellaerialsystems.com/>