



November 2022 Med Tips

Don't miss out on our upcoming Service Schools!

CAIRE Service School Trainings and Webinars

CAIRE offers In-person and Virtual Service Schools covering both LOX and Concentrator lines.

Each class is a comprehensive program that focuses on the technical and service aspects of the CAIRE family products. Class time is divided between lecture and hands-on workshops. The seminars will help the student develop a better understanding of how liquid oxygen equipment or concentrators work, how to identify the symptoms and causes of potential problems and how to use the technical information that is available in the Technical Manuals. Registration for CAIRE's Service Schools is mandatory. Registration forms must be received two weeks prior to the start of the class in order to guarantee availability and materials.

Currently no further training planned for 2022 – See future Med Tips for details of upcoming 2023 training dates.

Concentrator Service School Topics include:

- Concentrator hazards and safety precautions
- Principles of pressure, flow, and saturation
- Functions of the major components of a portable/stationary concentrator
- Theory of operation
- Set up and use of test equipment
- Troubleshooting, repair and performance verification/testing procedures

LOX Service School Topics include:

- Liquid oxygen (LOX) hazards and safety precautions
- Principles of pressure, flow and liquid oxygen saturation
- Functions of the major components of a liquid oxygen system
- HELIOS™ system theory of operation
- Reservoir and portable filling procedures
- Set up and use of test equipment

To request information on our Service Schools, please email:

Techservice.global@caireinc.com for USA Training or jim.gibson@caireinc.com for European Training.

PRODUCT UPDATES

CAIRE – Parts Availability returns to pre-pandemic levels, for more information click this [link](#).

Eclipse 5 Compressor Cover Screws

Please note the Eclipse 5 compressor cover screws are orderable using part number 21178654.



Eclipse 5 Compressor Cover Screw

NewLife Units Valve Retainer Clip Change

Please note the valve retainer clip on the NewLife units has changed. The red plastic cap is no longer in use, and has been changed to a metal clip (see pictures below). The part number remains the same: HA064-1.



Old Red Cap Retainer



New Metal Clip Retainer

Helpful Hints & FAQs

Top and Side Fill Female QDV Lip Seal

Previously, models of the QDV Lip Seal contained either a silicone O-ring (P/N CA110104), while others were manufactured with a steel rosette spring (P/N B-775260-00). Existing Stock of QDVs equipped with CA110104 will be diminished and going forward, B-775260-00 will be used on all Top and Side Fill Female QDVs. The CA110104 and B-775260-00 Lip Seals are both forwards and backwards compatible.

All female Side Fill QDVs built prior to 11 July 2016 should continue to use part CA110104. Any built after 11 July 2016 should use part B-775260-00. This is due to the side fill QDV requiring a small chamfer to enable the B-775260-00 to fit correctly; all Side Fill Female QDVs manufactured after 11 July 2016 have this chamfer.



Pictured left is PN CA110104. Pictured right is B-775260-00

Document Update

We advise our valued customers to monitor and check that they are using the most recent revision of any documents for the model of equipment they have. Below is a list of documents that were released/updated during October 2022.

- ML-LOX0007 Rev F Lox Time Use Chart English
- ML-LOX0007-1 Rev D Lox Time Use Chart French
- ML-LOX0007-2 Rev E Lox Time Use Chart German
- ML-LOX0007-3 Rev D Lox Time Use Chart Spanish
- ML-LOX0007-5 Rev D Lox Time Use Chart Italian
- ML-LOX0002 Rev J Liberator Cutsheet English
- ML-LOX0002-1 Rev F Liberator Cutsheet French
- ML-LOX0002-2 Rev F Liberator Cutsheet German
- ML-LOX0002-3 Rev E Liberator Cutsheet Spanish
- ML-LOX0002-5 Rev J Liberator Cutsheet Italian
- ML-CONC0084-1 Rev C NewLife Intensity Cutsheet French
- ML-CONC0084-2 Rev C NewLife Intensity Cutsheet German
- ML-CONC0084-3 Rev C NewLife Intensity Cutsheet Spanish
- ML-CONC0084-5 Rev C NewLife Intensity Cutsheet Italian



- ML-CONC0084-6 Rev H NewLife Intensity Cutsheet Portuguese
- ML-CONC0082-1 Rev C VisionAire 5 Cutsheet French
- ML-CONC0082-2 Rev D VisionAire 5 Cutsheet German
- ML-CONC0082-3 Rev D VisionAire 5 Cutsheet Spanish
- ML-CONC0082-5 Rev C VisionAire 5 Cutsheet Italian

Med Tips Distribution!

Have a team member who needs to receive CAIRE's Med Tips Newsletter? Share this link - <http://go.pardot.com/l/710913/2022-01-17/2pgcj9> - and they can sign up to receive future issues. Thank you and we appreciate your support.

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