Aqua Lung France
BP 148
06513 Carros Cedex
Tel 33 - 0- 492.082.888
Fax 33 - 0- 492.082.899

Doc. N° 125904

Imprimé par Joubert IMPRIMEUR

AQUA LUNG®

FIRST TO DIVE

MISTRAL

Regulator Owner's Manual

Manuel Utilisation Détendeur

Atemregler Bedienungsanleitung

Manual de Usuario Regulador

Gebruiksaanwijzing Ademautomaten

GB

Copyright Notice

Trademark Notice

Warnings, Cautions and Notes

Pay special attention to information provided in warnings, cautions, and notes, that is accompanied by these symbols :

WARNING

A **WARNING** indicates a procedure or situation that, if not avoided, could result in serious injury or death to the user.

CAUTION

A **CAUTION** indicates any situation or technique that could cause damage to the product, and could subsequently result in injury to the user.

NOTE

A **NOTE** is used to emphasize important point, tips, and reminders.

GB - F - D - S - NL

ENGLISH (GB) ..... from page 2 to 21
FRANÇAIS (F) ..... de la page 22 à 41
DEUTSCH (D) ..... von seite 42 bis seite 61
ESPAGNOL (S)..... desde la pagina 62 hasta pagina 81
DUCH (NL) ..... van pagina 82 tot pagina 103

NOTES

NL

CONTENTS

GB

1. GENERAL PRECAUTIONS & WARNINGS 04

1.1. Precautions & Warnings 04
1.2. Enriched Air Nitrox Use 04
1.2.1 Enriched Air Nitrox Use – Non European Countries 05
1.2.2 Enriched Air Nitrox Use – European Countries – EN 144-3 and EN 13949 standards 06

2. INTRODUCTION 06

2.1. EN Conformity 06
2.2. Regulator Features 06
2.3. Special features of the MISTRAL twin hose regulator. 07
2.4. Positions of hoses on the first stage 08
2.5. Registered patents 09

3. PREPARATION AND SET UP 09

3.1. Fitting the regulator to the cylinder valve 09
3.1.1Yoke connection 09
3.1.2DIN or EN 144-3 connections 10
3.2. Pre-dive Checkout 10
3.3. Putting the regulator under pressure 11

4. DIVING WITH THE REGULATOR 12

5. COLD WATER DIVING 15

6. REGULAR AFTER DIVE CARE AND MAINTENANCE 15

7. DEALER INSPECTION & SERVICE 17

8. WARRANTY INFORMATION 18

8.1. USA & Canada only 18
8.1.1 The Aqua Lung Satisfaction Guarantee™ 18
8.1.2.The Aqua Lung Limited Lifetime Warranty 18
8.2. Outside USA & Canada 19
8.2.1The Aqua Lung Warranty 19

9. RETURNING YOUR REGULATOR FOR SERVICE - USA & CANADA ONLY 20

10. CONTACTING AQUA LUNG AMERICA VIA ELECTRONIC MAIL 20

11. ANNUAL INSPECTION & SERVICE RECORD 21

1. GENERAL PRECAUTIONS & WARNING

GB

WARNING

The Mistral design is different of a single hose regulator due to the double hose and the position of the two stages. That is why, in order to understand the MISTRAL regulator's operating principle and get the best use from it, IT IS CRITICAL THAT YOU TAKE AN IMPORTANT CARE TO READ THIS MANUAL. The section 4 - "DIVING WITH THE REGULATOR" underlines specific notes to improve your Mistral use.

1.1 Precautions & warnings

• Before using this regulator, you must have successfully received training and certification in the technique of SCUBA diving from a recognized certification agency (or any U.S. Military or government operated diving school). Use of this equipment by a person who is not certified by a recognized agency shall render all warranties, express or implied, null and void. Use of SCUBA equipment by uncertified, or untrained persons, is dangerous and can result in serious injury, or death.

• This regulator is not configured for commercial use with surface supplied air.

• Always pressurize the regulator gradually by opening the cylinder valve SLOWLY.

• NEVER lubricate any part of the regulator or cylinder valve with any lubricant. Lubrication must only be performed by an Aqua Lung trained technician.

• DO NOT apply any type of aerosol spray on the regulator. Doing so may cause permanent damage to certain plastic components, including the regulator second stage housing.

• Factory prescribed service for this regulator must be performed at least once annually by a factory trained Aqua Lung Service Technician who is employed by an Authorized Aqua Lung Dealer. Repair, service, disassembly, or first stage adjustment must not be attempted by persons who are not factory trained and authorized by Aqua Lung America, Inc.

• DO NOT leave a cylinder standing unsecured with the regulator attached to the valve. Doing so may cause permanent damage to the regulator and cylinder valve if the cylinder falls over against the regulator first stage.

• DO NOT use the regulator first stage as a carrying handle when lifting or transporting the cylinder. Always lift the cylinder by the cylinder valve handle.

• When diving in cold water (below 50°F, or 10°C), you must have received training and certification in the techniques of cold water diving from a recognized training agency.

1.2 Enriched Air Nitrox

WARNING

This section of your owner's manual contains important information regarding the use of your equipment with enriched air (EAN / Nitrox). Do not attempt to use this product with enriched air until you have read and understood this section of the manual. To do otherwise increases your risk of injury or death.

WARNING

Obtain an EAN (Nitrox) Certification.
In order to enjoy the special benefits that EAN/nitrox can provide, it is extremely important to obtain special training from a nationally recognized training agency in addition to that which is provided for openwater scuba.

1.2.1 Enriched Air Nitrox – Non European Countries

Your Aqua Lung regulator has been prepared for use with Enriched Air Nitrox (EAN) where the percentage of oxygen in the EAN does not exceed 40%. This is possible because each regulator is built to a high standard of cleanliness using EAN compatible components and lubricants. In addition, each regulator design has passed stringent adiabatic compression testing to ensure its safety and compatibility with increased percentages of oxygen.

If you intend to use your new Aqua Lung regulator with EAN (O_2 not to exceed 40%), it is imperative that you maintain the internal cleanliness of the regulator (see section 6 – Regular After Dive Care and Maintenance). If you intend to use the regulator interchangeably with breathing air, the breathing air should be oxygen-compatible or "hyperfiltered" whereas the condensed hydrocarbons do not exceed 0.1 mg/m^3. Your local authorized Aqua Lung dealer can help you determine whether the breathing air that they provide meets this criterion.

Standard compressed breathing air, often referred to as Grade E in the United States or in accordance with EN 12021 standard in Europe, does not necessarily meet this criterion. Grade E or EN 12021 standard breathing air may contain a certain level of hydrocarbons, including traces of compressor oils that while not considered harmful to breathe, can pose a risk in the presence of elevated oxygen content. Passing hydrocarbons through a valve and regulator creates a cumulative effect where the hydrocarbons build up over time along the internal passageways of the equipment. When these hydrocarbons come in contact with high-pressure oxygen enriched air, they can pose a very real hazard that can lead to combustion; therefore, if a regulator has had use with Grade E breathing air, it should be returned to an authorized Aqualung dealer for overhaul service including hydrocarbon cleaning, prior to being put back into nitrox service.

Although regulator second stage components are not exposed to high pressure EAN, Aqua Lung recommends that the same cleaning procedures be followed for the complete regulator. This prevents the possibility of cross contamination and guarantees the cleanliness of the entire regulator.

1.2.2 Enriched Air Nitrox Use – European Countries – EN 144-3 and EN 13949 standards

In CEE countries, diving with Nitrox/O2 is controlled by Standards EN 144-3 – *Respiratory protective devices - Gas cylinder valves - Part 3: Outlet connections for diving gases Nitrox and oxygen* - and EN 13949 – *Respiratory equipment - Open-circuit self-contained diving apparatus for use with compressed Nitrox and oxygen - Requirements, testing, marking*.

NOTE

The maximum depth depends upon the percentage of oxygen used in the mixture.

NOTE

Aqua Lung offers a separate line of regulators which are designed and manufactured specifically for dedicated use with enriched air above 40% and up to 100% of oxygen. This range meets the requirements of the EN 144-3 and the EN 13949 and has successfully passed the adiabatic compression tests. It has consequently been awarded the CE type certificate. For information about these models, consult your Authorized Aqua Lung Dealer.

WARNING

These regulators with specific connections should be used only with suitable complementary equipment (cylinder valves, cylinders, pressure gauge, etc) designed and prepared for use with oxygen enriched gas or oxygen. These items are marked Nitrox/O2.

WARNING

GB

If the regulator uses a yoke or a DIN connection, it is designed and intended for use only with clean, compressed atmospheric air (21% oxygen and 79% nitrogen by volume) meeting the requirements of the EN 132 standard, appendix A. DO NOT use this equipment with any other gas or enriched oxygen mixture above 23% oxygen. Failure to observe this warning may result in serious injury or death due to fire or explosion.

Each Nitrox/O2 regulator is built to a high standard of cleanliness using EAN/oxygen compatible components and lubricants.

It is imperative that you maintain the internal cleanliness of the regulator (see section 6 – Regular After Dive Care and Maintenance). The breathing air used for the mixture should be oxygen-compatible or "hyperfiltered" whereas the condensed hydrocarbons do not exceed 0.1 mg/m^3. Your local authorized Aqua Lung dealer can help you determine whether the breathing air that they provide meets this criterion.

2. INTRODUCTION

Congratulations - and thank you - for choosing Aqua Lung. Your new regulator has been designed and manufactured with pride, according to the most exacting standards for quality and performance.

Perhaps more than any other piece of diving equipment you will own, your regulator's function and performance relies greatly on the care and maintenance it receives, in addition to regularly scheduled dealer service. Before you dive with your new Aqua Lung regulator, it is important to read this manual in its entirety to become familiar with its features, as well as the correct procedures for setup, pre-dive inspection, and post-dive maintenance.

Please read on to learn how you can obtain the maximum enjoyment from your regulator, and to maintain its like-new performance for many years to come.

2.1 CE Conformity

This regulator has successfully passed all the tests required by the EN 250:2000 standard and has received certification for this type. The maximum operating depth limit required by the standard for certifying the equipment is 50 meters.

2.2 Features of the Calypso Regulator.

1st stage technology :

Balanced diaphragm regulator with environmental protection.

2nd stage technology :

Downstream second stage with twin corrugated hoses.

Maximum operating pressure :
yoke : 232 bar / USA : 3300 PSI
DIN : 300 bar

Number of outlets:
1 HP 7/16
4 MP 3/8

The MP hose is available in two lengths:
630 mm / 25 in
245 mm / 9.5 in

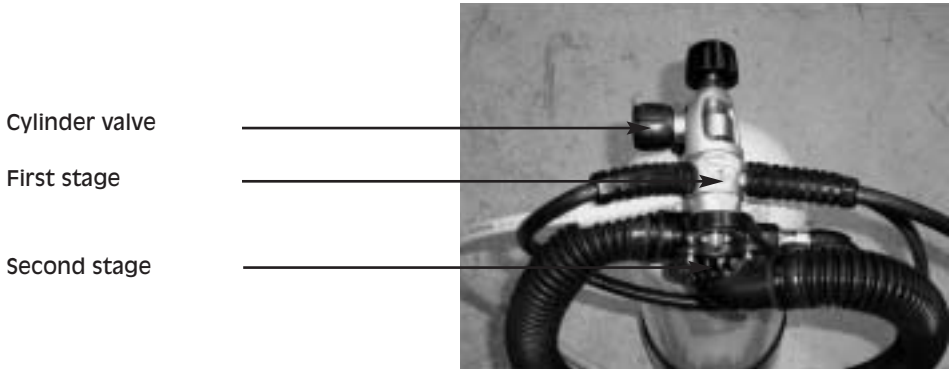
Configuration with short MP hose (245 mm)

Configuration with short MP hose (245 mm)

2.3. Special features of the MISTRAL twin hose regulator.

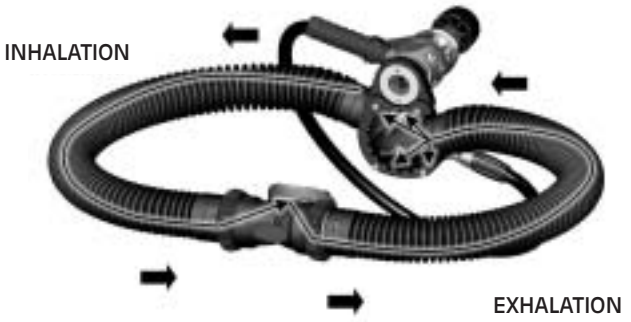
The MISTRAL is a two-stage regulator. Its operating principle is exactly the same as that of a single hose regulator: the flow of gas is delivered in two steps from the first stage and then the second stage. However, its design is different so you need to understand the MISTRAL regulator's operating principle in order to get the best use from it.

The first and second stages of the MISTRAL regulator are fixed together. Also, the two stages are located behind the diver, attached to the cylinder valve.



Consequently, the flow of gas is carried from the second stage to the diver's mouth along a corrugated hose. An additional feature of this regulator is that the exhaust bubbles are released behind the diver's head. The gas therefore circulates in the following way:

GB



2.4. Positions of hoses on the first stage

The long MP hose configuration (630 mm) is the one approved for cold water diving according to the EN 250 standard. It is also recommended for use with a double outlet cylinder valve since it is easier to fit.

Fitted to a double outlet tank valve
Right hand Mistral Regulator

The short MP hose configuration (245 mm) is recommended for use with a single outlet cylinder valve.

Fitted to a single outlet tank valve

2.5. Registered patents

Comfobite mouthpiece : U.S. Patent : 4,862,903
Balanced HP seat : U.S. Patent : 5,746,198
Second stage thermal exchanger : U.S. Patent : 5,265,596

3.PREPARATION AND SET UP

Aqua Lung recommends that you have all accessories (Octopus, submersible gauge, BC inflator ...) fitted by your Authorized Aqua Lung Dealer. If you wish to change the MP Hose from the short to the long or visa versa, Aqua Lung also recommends that this be done by your Authorized Aqua Lung Dealer. Your dealer can also answer any questions you may have pertaining to the information in this manual.

3.1 Fitting the regulator to the cylinder valve

NOTE

Fitting the Mistral regulator and a secondary air source to a double outlet valve with one outlet pointing downward will require careful positioning of the hoses.

3.1.1 Yoke connection

1. Gently unscrew the yoke screw until it frees the dust cap.

2. Briefly purge the cylinder valve by turning the hand wheel to remove any dust or humidity that may remain in the valve.

3. Check that the tank valve O-ring is in good condition. If the sealing O-ring is damaged or worn, replace it before mounting the regulator on the cylinder valve.

4. Position the 1st stage so that the regulator matches the seat of the tank valve O-ring. Screw in the yoke screw while holding the regulator in position. Check that the yoke screw is correctly located in the depression at the back of the tank valve. Tighten the yoke screw.

3.1.2 DIN or EN 144-3 connections

GB

1. Remove the dust cap by unscrewing the DIN wheel.

2. Briefly purge the tank valve by turning the hand wheel to remove any dust or humidity that may remain in the valve.

3. Check that the 1st stage O-Ring is in good condition. If the sealing O-ring is damaged or worn, replace it before mounting the regulator on the cylinder valve.

4. Position the 1st stage so that the regulator matches the seat of the tank valve O-ring. Screw in the DIN screw while holding the regulator in position. Do not use any tool to tighten the DIN screw.

3.2 Pre-dive Checkout

Before each use, the regulator must be given a thorough visual inspection and functional test. NEVER dive with a regulator that shows signs of damage, or provides substandard performance.

1 - Check all the hoses connected to the 1st stage and make sure that they have all been screwed into the correct outlets. It should not be possible to unscrew them by hand while the regulator is under pressure. Examine them closely along their entire length to ensure that there are no kinks, twists or cuts. If they are fitted with hose protectors do not forget to slide them back so that you can check underneath.

2 - Check the two corrugated hoses connected to the second stage and to the mouthpiece. Verify that they are secured by the locking collars. Carefully check their condition along their entire length to ensure that they are not twisted, cut, jammed or torn.

3 - Visually check that the outside of the 1st and 2nd stage is in good condition.

4 - Check that the mouthpiece is in good condition and has no cuts.

5 - Check that the two mouthpiece screw connections are correctly tightened. Do not use any tools to tighten them.

6 - Ensure that the two lugs on the locking collars are aligned with the mouthpiece (middle position). Starting from this middle position, you can adjust the position to meet your personal preference.

7 - Visually check that there is no dust or debris present which could enter the mouthpiece.

CAUTION

Never try to clean out a foreign body from the mouthpiece using a pointed instrument.

8 - Check that the needle on your submersible pressure gauge is on zero.

9 - Fit the regulator to your cylinder (see chapter 3.1), checking that the hoses are all positioned correctly.

3.3. Putting the regulator under pressure

WARNING

Slowly open the cylinder valve to minimize the generation of heat. The presence of enriched air nitrox (EAN) increases the risk of combustion that can lead to serious injury or death.

NOTE

It is considered a safe practice, especially when using EAN, to open the cylinder valve slowly and let the regulator first stage pressurize slowly. Rapid pressurization causes adiabatic compression of the breathing gas, which generates heat inside the regulator first stage. Heat, elevated percentages of oxygen and an ignition source (from contamination) are the ingredients that can cause combustion. This is why it is necessary to keep the interior of the regulator clean even when using a fraction of oxygen below 40% along with the slow opening of the valve.

WARNING

Before putting your regulator under pressure check that all the hoses are in good condition.

1 - If a submersible pressure gauge is connected to your regulator make sure that it is not facing toward you.

2 - Put the regulator under pressure gently by opening (unscrewing) the cylinder valve. Once you have completely opened the cylinder valve, screw it back 1/4.

3 - Check that there are no leaks from any of the hoses or any of the other parts under pressure. NEVER DIVE with a set that has leaks when under pressure. If there is a leak between the regulator and the cylinder then check that it has been fitted correctly and that the O-ring is in good condition.

CAUTION

Never attempt to reposition your hoses when the regulator is under pressure. If they are not positioned as you wish then purge the regulator first before re-positioning them.

GB

4 - Check the pressure on your submersible gauge to see if it coincides with the pressure reading during filling, and that it is adequate for your dive plan.

5 - Ensure that the corrugated hoses are not restricted by any party of your equipment (inflator, gauge hose, cylinder handle...)

6 - Place the mouthpiece in your mouth without biting excessively hard on it.

7 - Take several breaths from the regulator. The regulator should give you all the air you need without unnecessary effort and without starting to free-flow.

4. DIVING WITH THE REGULATOR

NOTE

When you first use your twin hose regulator you will note a different breathing sensation to that experienced with a single hose regulator. This new sensation is due to the position of the regulator second stage and the corrugated hoses.

We recommend that you have a secondary air source while diving : either a secondary regulator or an Octopus.

WARNING

It can be difficult to pass your Mistral mouthpiece to another diver. Therefore, Aqua Lung discourages the use of a breathable inflator or any form of alternate breathing where as the diver would be required to give his Mistral mouthpiece to another diver.

CAUTION

When entering the water by jumping, take care to hold the mouthpiece in your mouth using your hand.

Aqua Lung does not recommend a jump entry with the mouthpiece out of the mouth.

On the surface, keep the mouthpiece in your mouth or immerse it so that it does not free flow.

The position of the mouthpiece relative to the second stage diaphragm is essential to avoid free-flows at the surface or in the water when the mouthpiece is not in your mouth:

- When the mouthpiece is situated above the second stage diaphragm, the regulator will free-flow. This is caused by the difference in hydrostatic pressure between the second stage and the mouthpiece.

- Inversely, when the mouthpiece is situated below the second stage diaphragm, the regulator will not free-flow.

It is recommended that you keep the mouthpiece in your mouth from your entry into the water until you leave the water in order to avoid free-flows.

On entering the water at the beginning of the dive you can adjust the comfort of the mouthpiece by rotating the corrugated hoses. The hoses are correctly adjusted when you do not feel the mouthpiece on your gums :

- If you turn the mouthpiece adjusting lugs downward then the mouthpiece will lay against your lower gums (photo 1),

- If you turn the mouthpiece adjusting lugs upward then the mouthpiece will lay against your upper gums (photo 2).

Photo 1

Photo 2

WARNING

DO NOT unscrew the screw connections when adjusting the corrugated hoses.

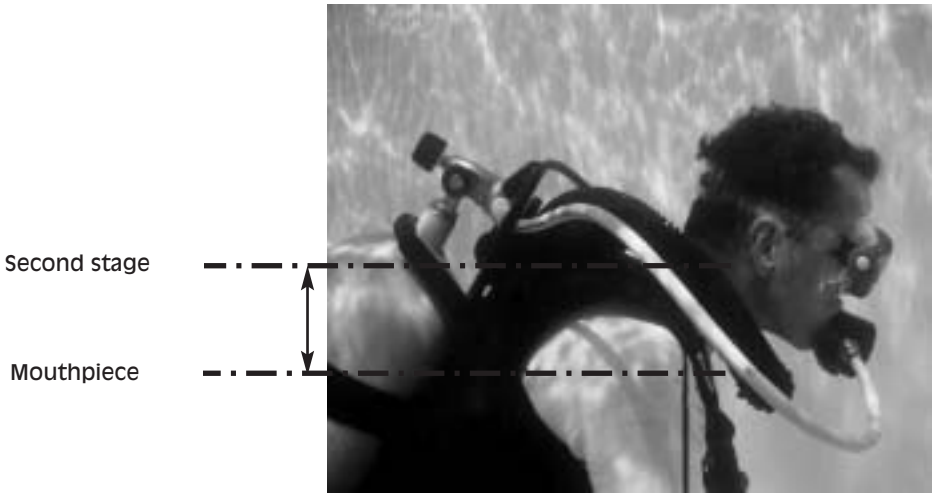
GB

WARNING

Do not squeeze the corrugated hoses during the dive, as this will have the effect of reducing the regulator's respiratory performance.

If you have water in the mouthpiece, lean your head to the left and exhale to facilitate evacuation of water.

Check your air supply at regular intervals by verifying your tank pressure



The regulator's breathing effort depends on your position in the water. This effort will vary in proportion to the difference in hydrostatic pressure between your lungs and the second stage diaphragm :

- **The inhalation effort increases and the exhalation effort decreases when the diaphragm is above your lungs (swimming on your stomach).**
- **Conversely, the inhalation effort decreases and the exhalation effort increases when the diaphragm is below your lungs (swimming on your back).**

5. COLD WATER DIVING

WARNING

The long MP hose configuration (630 mm) is the one approved for cold water diving according to the EN 250 standard.

To avoid the risks of ice formation in the regulator when diving in cold water (water temperature below 50°F / 10°C), follow at least these recommendations:

1 - Protect your regulator against any accidental entry of water into the 1st or 2nd stages.

2 - Protect your set from cold before the dive. In particular, keep your regulator and its accessories in a warm dry place.

3 - Make your pre-dive checks in a warm dry place, even if it means doing this before going to the dive site.

4 - Check that there is no water in the inhalation hose. Unscrew the inhalation screw connection and look inside.

5 - If the air is cold, avoid breathing from the regulator before entering the water.

6 - Avoid removing the regulator from your mouth during the dive, or at the surface. This will avoid the possibility of cold water entering the mouthpiece or the corrugated hoses.

7 - As far as possible, avoid excessive effort during the dive.

8 - Have your filling station confirm that the air used for filling cylinders is dry and that it meets the EN 12021 standard for breathing air.

9 - Avoid allowing your regulator to free flow by taking it from your mouth during the dive.

6. REGULAR AFTER DIVE CARE AND MAINTENANCE

Regular care before and after every dive will help increase the life of your regulator. You can help by following a few simple, but important, maintenance procedures each time you use your regulator.

The regulator should be rinsed as soon as possible after each dive while it is still attached to the cylinder. This helps prevent water or dust entering your regulator.

1. Rinse the regulator, taking care to ensure that water enters the inside of the 2nd stage housing.

WARNING

If you use a garden hose, do not use a high-pressure nozzle as this could damage the diaphragm or the internal valves.

2. Hold the mouthpiece uppermost and pour water into the mouthpiece so that it circulates through the exhalation circuit of the regulator. Water will exit from the cavities in the 2nd stage housing.

3. Close the cylinder valve completely.

4. While watching the submersible HP gauge, inhale and exhale from the mouthpiece. When the gauge indicates 0 and no further air comes from the mouthpiece, release it.

CAUTION

Do not breathe from the mouthpiece when the regulator is not under pressure. This could damage the diaphragm and/or the valves.

NOTE

When you disconnect the first stage from the cylinder valve take care that water is not allowed to enter the regulator, particularly via the filter.

5. Remove the regulator from the cylinder:

5.1. Yoke connection

a. Unscrew the yoke screw and disconnect the regulator from the cylinder.

b. Dry the dust cap with a towel or other lint-free cloth. While you may use air from your tank valve to blow the water off the dust cap, you run the risk of blowing water into the filter.

c. Place the dust cap over the regulator first stage inlet fitting and seal it securely in place by tightening down the yoke screw.

d. With the cylinder valve facing away from you, open the valve slightly to release a short burst of air, and then immediately close the valve. This will clear any remaining dust or humidity that may have accidentally entered the valve. If available, fit the cylinder valve protector to avoid the entry of any further dust or humidity.

5.2. DIN or EN 144-3 Connection

a. Remove the regulator from the cylinder valve by completely unscrewing the DIN wheel.

b. Blow out any water inside the protector cap or wipe it out with a clean towel, and wipe the threads of the regulator first stage connector clean and dry.

c. Install the cap over the threads of the regulator first stage connector.

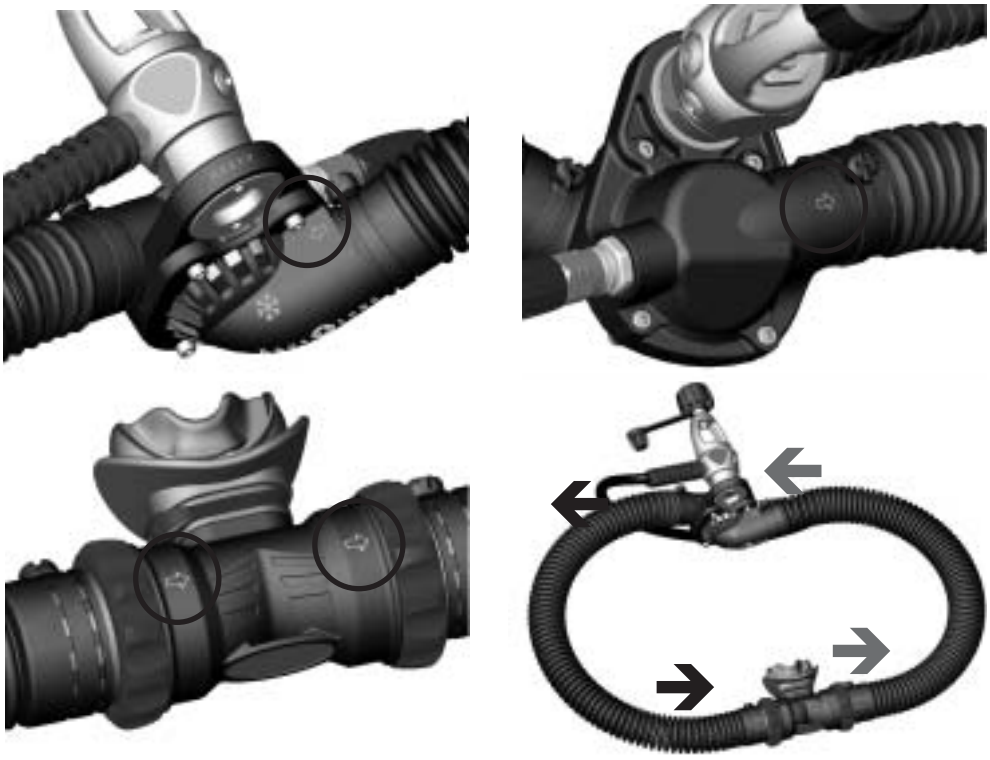
d. Screw the DIN connection completely into the dust cap.

e. With the cylinder valve facing away from you, open the valve slightly to release a short burst of air, and then immediately close the valve. This will clear any remaining dust or humidity that may have accidentally entered the valve. If available, fit the cylinder valve protector to avoid the entry of any further dust or humidity.

6. Wipe the regulator dry.

7. Undo the screws retaining the corrugated hose connectors to facilitate hose drying.

8. When the inside of the corrugated hoses is dry, refit the mouthpiece connectors taking care that the direction of gas flow indicated on the mouthpiece body and on the 2nd stage housing is followed.



9. Do not expose your regulator to direct sunlight for long periods.

10. Once the regulator is completely dry, put it into its bag. Never leave it near a source of heat or an electric motor that generates ozone. Prolonged exposure to strong heat, ozone, chlorine or UV could lead to the degradation of certain components.

11. Never leave the regulator fitted to a cylinder

WARNING

Never use solvents or products containing hydrocarbons to clean or lubricate your regulator. Never use aerosols as the propulsion gas can attack plastic materials.

7. DEALER INSPECTION & SERVICE

1. It cannot be assumed that a regulator is in good working order on the basis that it has received little use since it was last serviced. Remember that prolonged or improper storage can still result in internal corrosion and/or deterioration of O-ring seals.

2. You must obtain factory prescribed service for your regulator at least once a year from an Authorized Aqua Lung Dealer, regardless of the amount of use it has received. Your regulator may require this service more frequently, depending on the amount of use it receives and the environmental conditions in which it is used.

3. If the regulator is used for rental or training purposes, it will require complete overhaul and factory prescribed service every three to six months. Chlorinated swimming pool water is an especially damaging environment for SCUBA equipment, due to the high levels of chlorine and pH balancing chemicals which cause certain components to rapidly deteriorate.
4. DO NOT attempt to perform any disassembly or service of your regulator. Doing so may cause the regulator to malfunction, and will render the Aqua Lung warranty null and void. All service must be performed by an Authorized Aqua Lung Dealer.
5. If discoloration or contaminant residue is found to be present on the surface of the filter, it is strongly recommended that you DO NOT attempt to dive with the regulator until it has received factory prescribed service from an Authorized Aqua Lung Dealer.

WARNING

Obtain service for your regulator at least once a year, from an Authorized Aqua Lung dealer. Your personal safety and the mechanical integrity of your regulator may depend on it.

8. WARRANTY INFORMATION

8.1. USA & Canada only

All warranty transactions must be accompanied by proof of original purchase from an Authorized Aqua Lung Dealer. Be sure to save your sales receipt, and present it whenever returning your regulator for warranty service.

8.1.1 The Aqua Lung Satisfaction Guarantee™

If any Aqua Lung product that you have purchased from an Authorized Aqua Lung Dealer fails to meet your expectations, Aqua Lung will replace or exchange the product free of charge within thirty (30) days of the original purchase. Exchanges will be made through the same Authorized Dealer for Aqua Lung , for merchandise of equal or lesser value, and will be made only for Aqua Lung equipment. Aqua Lung makes this guarantee of satisfaction a part of all product warranties because of the confidence we have in our products.

8.1.2. The Aqua Lung Limited Lifetime Warranty

Aqua Lung warrants to the original purchaser that the product will remain free from defects in material and workmanship throughout its useful life; provided that it receives normal use, proper care and prescribed dealer service subject to those restrictions stated below.

This limited warranty is extended only to the original purchaser for purchases made from an Authorized Aqua Lung Dealer, and is not transferable. This warranty is limited to repair or replacement only at the discretion of Aqua Lung.

WARNING

It may be dangerous for untrained and uncertified persons to use the equipment covered by this warranty. Use of SCUBA equipment by anyone who is not a trained or certified diver, or is not currently receiving training through a recognized certification agency, may lead to serious injury or death.

This warranty gives you specific legal rights. You may have rights which vary from state to state and country to country.

AQUA LUNG AMERICA, INC. DISCLAIMS AND EXCLUDES ANY LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.
Some states in the U.S. and certain foreign countries do not allow exclusions or limitations of liability for incidental or consequential damages, so this may not apply to you.

Restrictions

The following restrictions apply to this warranty:

1. This warranty does not cover normal wear. Factory prescribed service by an Authorized Aqua Lung Dealer is required at least once annually.

2. This warranty does not extend to damages caused by improper use, improper maintenance, neglect, unauthorized repairs, modifications, accidents, fire, or casualty.

3. Cosmetic damage, such as scratches, dents, and nicks are not covered by this warranty.

4. This warranty does not extend to equipment used for rental, commercial, or military purposes.

5. This warranty covers products purchased in the United States and Canada. For warranties that may apply elsewhere, please contact your local representative.

6. Failure to meet any of the above requirements will render the warranty null and void.

8.2. Outside USA & Canada

8.2.1. The Aqua Lung Warranty

- The operation of a regulator is guaranteed for one year from the date of purchase for use in sports diving non-commercial, and non-military.
- The legal (lifetime) guarantee applies to any part found to be defective by our technical service following a manufacturing or material defect, with the exception of consumable parts.
- The guarantee does not cover the cost of parts or labour associated with periodic maintenance of the product. It does not cover damage caused by incorrect use or negligence.
- The operational guarantee excludes deterioration caused by normal use or ageing of the product.
- The guarantee does not apply if the product is not used or maintained in accordance with the instructions in the user's guide supplied with the product. The guarantee will be voided by any attempt to open the regulator, all servicing and replacement of parts should be carried out exclusively by an Aqua Lung authorized Dealer.
- The guarantee covers, at the choice of Aqua Lung, the repair or replacement at our expense of defective parts, in our workshops, transport being at the charge of the purchaser.
- Replaced parts will become the property of the manufacturer. The repair, modification, or replacement of parts during the guarantee period will not have the effect of extending the guarantee period.
- Our liability as a result of the sale is expressly limited to the above guarantee, and excludes all other penalties, damages and interests.
- In order to benefit from the terms of the current guarantee when making a guarantee claim, you must send the attached coupon, duly completed and stamped by the retailer, together with a proof of purchase (cash register receipt noting the date and the equipment purchased).

GUARANTEE COUPON
(TO BE COMPLETED ON THE DAY OF PURCHASE AND RETAINED)

GB

Serial number of the regulator : _____

Model of regulator:_____

Date of purchase: _____

RETAILER STAMP	Name of purchaser : _____ Address: _____ _____ _____

9. RETURNING YOUR REGULATOR FOR SERVICE - USA & CANADA ONLY

Whenever your regulator requires annual service or warranty repair, Aqua Lung requires that you bring it or send it to your nearest Authorized Aqua Lung Dealer.

If you need to return products covered by this warranty, please provide your dealer with photocopies of your original sales receipt and receipt from your last annual service if the product is more than one year old.

WARNING

Aqua Lung reserves the right to substantiate the validity of the claim.

10. CONTACTING AQUA LUNG AMERICA VIA ELECTRONIC MAIL

You can contact Aqua Lung by visiting our website at: www.aqualung.com

IMPORTANT NOTICE ABOUT MAIL ORDER SALES OF AQUA LUNG AMERICA PRODUCTS

Beware of any retailer that offers to sell and ship our life support products by mail, for orders placed by phone or the internet. These retailers are NOT Authorized Aqua Lung America dealers. All Authorized Aqua Lung America Dealers must execute a Dealer Agreement that does not allow the sale of Aqua Lung America products except “in store”. Many Aqua Lung dealers advertise on the internet, but they are not allowed to deliver our products other than “over-the counter”. This is our assurance that you will receive the proper pre-sale, point of sale, and post-sale assistance.

If you obtain our product from one of these unauthorized retailers, your warranty is not valid and we cannot offer you the assurances of quality and satisfaction afforded by the Aqua Lung America Warranty program. If you would like to verify whether or not a retailer is an Authorized Aqua Lung America Dealer, please call or write to Aqua Lung America, Inc. using the address or phone number provided on the rear cover of this manual. Or, you can visit our website at : www.aqualung.com

11. ANNUAL INSPECTION & SERVICE RECORD

Date	Dealer Name	Technician Name	Observations	Stamp