

# SHERWOOD BRUT

OWNER'S MANUAL  
INCLUDES SHERWOOD OCTO (SR9902)

# Brut Regulator

SRB9110



Sherwood Octo - SR9902



Side View



Top View





Thank you for choosing the Sherwood Brut Regulator.

To get the most satisfying use of this product, please take time to read this entire manual to understand the use and limitations of the product before you attempt to use it. If you have any questions contact your Authorized Sherwood Scuba Dealer for immediate attention or you may contact us at [www.SherwoodScuba.com](http://www.SherwoodScuba.com).

This manual uses standard signal words and symbols to communicate the presence of possible hazards. The definitions of these indicators are as follows.



**WARNING**

Indicates a potentially hazardous condition or situation which, if not avoided, could result in serious personal injury or death.



**CAUTION**

Indicates a potentially hazardous condition or situation which if not avoided may result in moderate or minor injury. It may also be used to alert against practices that may cause harm or permanent damage to equipment.

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## PLEASE READ CAREFULLY BEFORE ATTEMPTING TO USE THIS EQUIPMENT



### WARNING

1. Sherwood scuba equipment is intended for use only by persons trained and certified by a nationally recognized scuba training agency. Diving without the specific training including safe diving practices and within the limits defined by the training agency exposes the user to extremely hazardous situations that could result in serious personal injury or death. This manual is not a substitute for the instruction needed to dive in a safe manner.

2. Sherwood regulators must not be serviced by anyone untrained to perform the correct service or repair procedures. Return your equipment to an Authorized Sherwood Dealer for service anytime the equipment appears to be performing incorrectly or when recommended service is needed.

Do not attempt to disassemble or modify the equipment. Equipment that is not properly serviced could lead to a malfunction during use with a possible personal injury or death.

3. Nitrox use (Enriched Air Nitrox) – Requires specialized training to avoid hazards that could lead to serious injury or death. Be certain to read the information in this manual concerning Nitrox use.

4. Cold water use – Diving in water temperatures less than 50°F (10°C) can impose operational limits affecting the reliable operation of the equipment. Be certain to read the information concerning cold water diving before attempting to use the equipment under such conditions.

**WARNING****ENRICHED AIR NITROX (EAN)**

Use of Enriched Air Nitrox (EAN) exposes the user to additional risks that are not present when diving with standard air. Breathing EAN under pressure requires a full understanding of these risks and requires specific instruction beyond that taught in basic scuba training.

Additionally, equipment exposed to EAN must be configured and maintained properly to avoid the risk of fire associated with use of oxygen enriched gases.

Failure to understand and avoid these risks may lead to serious personal injury or death.

The Sherwood Brut (SRB9110) regulator has been designed and manufactured for use with clean air or Nitrox mixtures containing no more than 40% oxygen.

Preparation for use with oxygen enriched gas mixtures requires the proper selection of compatible materials and clean manufacturing practices that minimize the presence of combustible materials inside the regulator. Your Sherwood regulator has been manufactured observing these requirements.



In order to maintain the necessary level of cleanliness Sherwood recommends that the regulator be dedicated to Nitrox use only.

However, if you wish to use the regulator with Nitrox and air interchangeably, you must exercise care to pass only clean air through the regulator. The level of cleanliness must be such that it contains condensed hydrocarbons of not more than 0.1 mg/ liter. If you are uncertain as to whether the air you expect to use meets this cleanliness requirement it is recommended that you avoid air use or have the regulator cleaned for EAN service before exposure to EAN.

The Sherwood Octo (SR9902) regulator operates at low pressures only and therefore may be used with EAN without the need for special handling.

## INITIAL SET UP

Your Sherwood regulator provides options for the attachment of accessories such as the submersible pressure gauge or dive computer, the buoyancy compensator inflator air supply and the alternate air source (octo).

Sherwood recommends that you consult your Authorized Sherwood Dealer to install these accessories for you.

## BEFORE THE DIVE

It is important to inspect the regulator before starting your dive trip and again just before you enter the water. The pre-dive check should consist of at least the following steps.

1. Carefully inspect all hoses for signs of damage. This may require you to retract the hose protectors at the ends of the hoses to examine the hose condition near the end fittings. If the hose is damaged have your Authorized Sherwood Dealer replace it before you dive.
2. Visually inspect the entire regulator for signs of damage. If in doubt ask your Authorized Sherwood Dealer to assist you in performing this examination.
3. Connect the regulator to a pressurized cylinder and press the purge button several time to confirm air flow. Take a few test breaths. The effort to breathe should be minimal. If there is an unusual breathing resistance, have your regulator checked by a professional instructor or by your Authorized Sherwood Dealer before attempting to enter the water.



4. Once pressurized do not attempt to reposition the regulator to achieve a different hose orientation. Further do not attempt to carry the assembly by the hoses or by using the installed regulator as a handle for lifting the cylinder. This may damage components and compromise your dive.
5. After entering the water, test the regulator underwater near the surface to be certain there is no water entry with inhalation. Do not descend if water entry is present.

## **DIVING WITH THE REGULATOR**



### **WARNING**

You must be aware of and observe special measures for diving in cold water at temperatures below 50°F (10°C) in order to minimize the risk of regulator freezing. Training must include emergency measures for dealing with regulator free flow. Failure to obtain the necessary training and mastery of the skills needed before diving in cold water could lead to hazardous conditions with possibility of serious personal injury or death.



Your Sherwood regulator has been designed to provide an ample air supply with minimal resistance. This should provide you with many hours of comfortable diving. However, if you feel the breathing for any reason is labored or distressing do not continue to dive. Have the regulator evaluated by your Authorized Sherwood Dealer before continuing to dive with it.

The initial opening effort required to start air flow with inhalation is intentionally set low to provide you with effortless breathing. You may also unintentionally start air flow if you impact the second stage upon entry or suddenly remove the regulator from your mouth during inhalation. Sometimes this will cause the regulator to continue to flow. If this occurs, simply cover the mouthpiece opening with your thumb or replace the regulator in your mouth. The flow should stop. If it does not, then you must terminate the dive and have the regulator examined.

## **AFTER THE DIVE**

The best time to clean your regulator is as soon as possible after concluding diving activity for the day. Delayed rinsing of the equipment increases the opportunity for corrosion or deposits to form which eventually may degrade performance of the regulator.

If possible you should rinse the regulator while it is still pressurized. This minimizes opportunities for contaminants to reach interior passages of the regulator.

If you are not able to leave the unit pressurized for rinsing, then be certain to replace the first stage inlet protector (Dust Cap) before rinsing. During the rinsing process do not depress the second stage purge as this will open the demand valve and provide an opportunity for contaminants enter the valve sealing area. Dry the regulator before long term storage.

## **STORAGE**

Once the regulator is dry, store the regulator in a container that will minimize exposure to dirt, chemicals, or ultraviolet light. Storage near electrical equipment such as motors, computers and other appliances exposes the regulator to ozone which can prematurely deteriorate certain seals and rubber parts.

## **DEALER SERVICE**

It is recommended that the regulator be inspected by an Authorized Sherwood Dealer at minimum annually or anytime you suspect that performance has decreased or damage may be present. This could reveal an issue that can be resolved before reaching a dive destination.

It is also recommended that your regulator receive a factory recommended service overhaul every other year or after 300 hours of use. Your regulator may need service sooner depending on the severity of the environmental conditions or level of user care and cleaning.

With each service your Authorized Sherwood Scuba Dealer is required to register the service at [www.SherwoodScuba.com](http://www.SherwoodScuba.com). Ask your dealer to print you a copy of the service registration, as record of the service.

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 that cause certain components to rapidly deteriorate.



## LIMITED LIFETIME WARRANTY

In order to use this warranty, you must provide proof of purchase from an Authorized Sherwood Dealer. Save your receipts as proof of purchase. If you are unsure as to whether a dealer is authorized, contact us at [www.SherwoodScuba.com](http://www.SherwoodScuba.com) for verification.

Sherwood Scuba warrants that the Sherwood regulator purchased from Authorized Sherwood Scuba Dealers shall be free of defects in workmanship and materials for the lifetime of the regulator to the original purchaser.

Under this warranty Sherwood will either repair or replace, at its sole option, any original parts that fail to perform as intended. This warranty excludes products subject to abuse, neglect, alterations or improper unauthorized service. Warranty also excludes parts subject to wear such as hoses, mouthpieces, seals and metal parts with mild corrosion from exposure to seawater.

Under this warranty plan Sherwood will replace warranted parts but the labor to replace parts is excluded and the responsibility of the owner.

Please register your regulator at [www.SherwoodScuba.com](http://www.SherwoodScuba.com)

## **RESTRICTIONS**

1. This warranty does not cover normal wear. Factory prescribed service by an Authorized Sherwood Scuba Dealer is required at minimum 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. 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.

## **RETURNING YOUR REGULATOR FOR SERVICE**

Whenever your regulator requires annual service or warranty repair, Sherwood requires that you bring it or send it to your nearest authorized Sherwood dealer.

If you need to return products covered by this warranty, please provide your dealer with photocopies of your original sales receipt, and ask them to print a copy of the service records that are maintained at [www.SherwoodScuba.com](http://www.SherwoodScuba.com).







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