



OCEANREEF
underwater, naturally.

SAV III Basic - OWNER'S MANUAL

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1 - INTRODUCTION

For more than 70 years, OCEAN REEF has been involved in the underwater diving industry. We have contributed much to this industry, from fins and snorkels to the most modern systems of underwater communication. Through the spirit of intrepid pioneers, brilliant inventors, passionate divers, and dynamic entrepreneurs, OCEAN REEF has been able to turn dreams into reality in the underwater world.



If you lose this manual or if you should require more copies, you can download it at diving.oceanreefgroup.com/support/ or contact the Manufacturer: Mestel Safety SRL, Via Arvigo 2, 16010 Sant'Olcese (GE), IT. Phone: +39 0107082011. E-mail: infoitaly@oceanreefgroup.com. Website: diving.oceanreefgroup.com

The Manufacturer has carefully worded and edited this owner's manual. However, in no event the Manufacturer will be responsible for any damage caused by the incorrect interpretation of its content, nor due to any misprints and/or incompleteness in the text.

The Manufacturer will not accept liabilities for any damage caused by:

- Insufficient, incorrect and improper maintenance, failing to comply with the manual's recommendations
- Absence of periodic tests and checks
- Incorrect and improper use
- Failing to comply with guidelines included in the owner's manual
- Alterations and/or modifications of the SAV III Basic

If any of the above were to occur, considering these actions are potentially dangerous to the health and life of the users, the manufacturer is released of any responsibility and the warranty is void.

The Manufacturer is an ISO 9001:2015 certified company (https://diving.oceanreefgroup.com/support/#ISO_CC).

2 - GENERAL WARNINGS / OWNER'S RESPONSIBILITIES

WARNINGS, CAUTIONS AND NOTES

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



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



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



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

IMPORTANT

The content of this manual is based upon the latest information available at the time of print. OCEAN REEF reserves the right to modify any products, processes and manufacturing techniques at any time. It is the technicians' responsibility to acquire the latest information and parts from OCEAN REEF for service and repairs to be performed.

If the instructions provided in the manual are unclear or difficult to understand, please contact OCEAN REEF at infoitaly@oceanreefgroup.com before using the equipment or attempting any repairs.



Carefully read this instruction manual before use, and keep it for future reference. This instruction manual does not replace a diving course.



While this is a product of high quality, the user is not exempt from problems connected with the incorrect use of the product or failure to follow the rules of safe diving.



Do not modify or alter the product in any way.



DO NOT USE the SAV III Basic if any part is broken.



DO NOT DIVE YOUR OCEAN REEF IDM IF SAV IS LEAKING WATER OR AIR. TROUBLE SHOOT THE SAV IF THERE IS SIGN OF WATER OR AIR LEAKAGE.



DO NOT OVERTIGHTEN OR OVER OPEN THE SAV – THIS CAN CAUSE THE VALVE CAP OR SCREW/RING TO BECOME STUCK OR DIFFICULT TO OPERATE. As with all valves operated while SCUBA diving, tightening, and opening should be done gently and never with force. Saline, water, and other residues can affect operating the SAV. Follow maintenance instructions properly to avoid issues.



It is essential that the diver using this product is properly trained and equipped and fully understand these instructions before attempting to use the SAV. Testing the use on surface and in confined water is strongly recommended.



While the SAV provides the diver the ability of breathing ambient air on surface, it does not change or eliminate the potential hazards of diving. As a further component of the diver's equipment, it should be operated according to this manual and included in one's configuration only when fully understood and confident use achieved.



While our SAVs feature a valve to avoid water to rush in the mask when submerged, this is intended in vertical position and normal diving trim position. According to the position of the valve, leaking can be more serious. For this reason, the valve should not be forgotten open, upon submerging as instructed in this manual.



Dust and any debris in the area of the SAV can cause malfunction in the product or even compromise its correct use. In order to avoid this, before use, make sure that the SAV is perfectly clean.



Check the COMMUNICATION port plug: it should be in place, screwed into its fitting if you have not installed a communication unit microphone/PTT assembly. IF you have opened and closed this port plug, make sure you have placed the flat gaskeet that should be on the inside perimeter - back in place.



Verifying quick connection hoses before the dive is imperative. Attach and detach hoses from male connections multiple times (before and after pressurizing) to ensure the connection system operates smoothly. Make sure, once finally connected, that the coupling is secure by pulling on the female part of the hose, without unlocking the quick connections. The hoses must remain assembled on the male part firmly. Always make sure you do not get dirt, sand or other material in the hose mechanism.



Before using the SAV III Basic the user must ensure that the product has been properly inspected and maintained. (see Chapter 8 Maintenance, Cleaning and Storage).



OCEAN REEF refuses all responsibility for damages caused by non-compliance with the instructions contained in this manual. These instructions do not extend the warranty or the responsibilities stated by OCEAN REEF terms of sales and delivery.



In order to maintain the warranty, service and routine maintenance of the products must be performed by the end user as indicated by OCEAN REEF and described in chapter 8 MAINTENANCE, CLEANING AND STORAGE.

For details, contact an authorized OCEAN REEF dealer at: <https://diving.oceanreefgroup.com/shop-dealers/>

3 - FEATURES

SAVIII Basic

Code OR025030

The Surface Air Valve / SAV III / SAV III basic allows the diver to breathe ambient air while at the surface conserving the diver's gas supply.
To use, simply open the valve while on the surface or outside of the water to breathe ambient air, and close it when ready to dive.



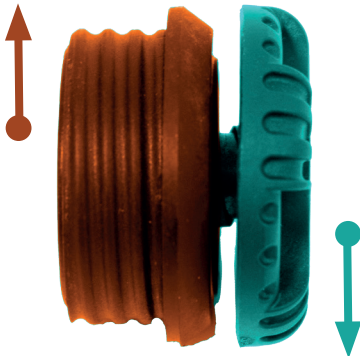
Keep in mind cold water diving might require specific procedures.

- Easy to grab, sturdy design.
- Large air vents
- Easy to assemble on the mask

**The Surface Air Valve III Basic is retro compatible with all prior OCEANREEF IDM models that do not have a Professional or Neptune III SAV installed and an available OCTOPUS/SAV port. The Neptune III SAV III is permanently installed on the IDM/FFM.*

4 - GLOSSARY

(PART B) BASE OF THE SAV



(PART A) TOP OF THE SAV



Scan the QR code and
watch the video tutorial

5 - ASSEMBLY



1 - Unscrew the OCTOPUS/SAV plug from the port on the right side of the mask (facing away from you).



2 - Make sure the flat gasket is located on the internal perimeter of the port. Check integrity of the gasket and ensure absence of debris and dirt.



3 - Insert the SAV III Basic or SAV in the OCTOPUS/SAV port aligning the threads.



4 - Holding the base of the SAV (part B) as seen in the picture, screw in the body of the SAV, very firmly, by tightening clockwise.



**OPENING THE VALVE
PART A COUNTER-CLOCKWISE**



**CLOSING THE VALVE
PART A CLOCKWISE**

5 - Now practice opening and closing the top (part A) of the SAV to ensure proper operation of the product. **Part A should be closed and opened by operating only on the part itself and not the valve body (B).** Opening the valve is achieved turning part A counter-clockwise, closing = clockwise. Part A should not be overtightened nor cranked open to avoid getting stuck.



6 - WITH YOUR SCUBA SETUP CONNECTED AND OPEN (FULL) CYLINDER don the mask as instructed in Neptune III Series Products manual, with part A SAV screw open. Once the mask is donned properly test breathing from the SAV. You will notice you are breathing ambient air and not gas from cylinder. Close the SAV screw (part A). Proper sealing of the mask on the face and proper closing of the SAV will result in you now breathing gas from cylinder.



NOTE! Before each dive make sure part B (SAV Body) is tightened properly on the OCTOPUS/SAV mask port, if not fully tightened working on part A (Top) can cause the body (B) to open resulting in water leaking that could cause serious injury and may even lead to fatal accident.



6 - TROUBLESHOOTING

Leaking SAV:

Any leaking should be easily spotted while operating the pre-dive checks before descent. In case the leaking is noticed once the dive has started (bubbles seen from the valve, or you feel water seeping in from the SAV side):

1. Ensure the SAV is closed while upright. If not, close the SAV and verify you don't have leaks. Exhaling/clearing the mask as per training skills will dump all water and you will be able to identify if the SAV is still leaking.
2. If the SAV is closed, but it is still leaking **ABORT THE DIVE**. When on the boat/on land, ensure the SAV is clean, doesn't have any debris or other deposit that prevent it from closing properly. If you have a SAV III basic make sure the body of the valve is properly screwed in the port and make sure that the gasket in the port is in place. If you own a Neptune III with installed SAV III, make sure there is no debris or deposit that prevents the ring to close, make sure the cap is not unscrewed.

If these steps of troubleshooting don't result in a perfectly working SAV – contact a Service Center or our Customer Service. **DO NOT DIVE.**

7 - MAINTENANCE, CLEANING AND STORAGE

7.1 MAINTENANCE AND CLEANING

Cleaning frequency must ensure to the user a good protection and the right functionality. When using any disinfectant, be sure to follow the manufacturer's instructions for use. Follow this with a thorough rinse in fresh water, and allow the equipment to dry completely before use. Since some chemicals can damage surfaces, they should be tested prior to use for each individual item or surface. After disinfecting, one must take care not to contaminate the equipment, such as by handling it when storing. Therefore, dry, pack and store any sanitized equipment in a disinfected bag or container using washed/sanitized hands. For an efficient cleaning of any part of the equipment, soaking in clean warm water (around 40°C/100°F)

adding a colorless not perfumed hand washing liquid soap is suggested. Afterwards, rinse deeply under fresh water to remove any soap residual and allow the perfect drying in a safe and clean environment.

TYPE OF ACTION	FIRST USE	BEFORE EACH USE	AFTER A DIVE
GENERAL FUNCTION CHECK	X	X	
GENERAL AND VISUAL INSPECTION	X	X	
CLEANING / RINSING			X

Table 2: Periodic maintenance program



For optimum longevity of the SAV and the proper functioning of its parts, we recommend rinsing thoroughly with fresh water after every use.

As this product cannot be dove on its own, for proper instruction, refer to the Neptune III Series Products user manual and follow chapter 15's information.



WARNING: This product can expose you to chemicals including Butadiene which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

7.2 STORAGE

Product should be stored in a ventilated environment preferably between -10°C (14°F) and +50°C (122°F), avoiding the direct action of sunlight, pollution, dirt, etc. For both storage and transportation the product can be kept assembled on mask.

8 - SPARE PARTS

No spare parts are available for this product, that can be swapped by end user. Parts replacement or servicing must be managed by an authorized OCEANREEF service center. For more information visit our website at: diving.oceanreefgroup.com/shop-dealers/

9 - WARRANTY

1. The OCEAN REEF SAV III Basic is guaranteed to be free of material or manufacturing defects for a period of 24 months from the time the unit is purchased.
2. For the duration of the above mentioned warranty, the Company's responsibility is limited to replacement of any parts that are defective and that have not been used incorrectly or handled negligently. The product must be returned to the outlet from which it was bought.
3. Even during the warranty period, this warranty shall not be valid where:
 - Damage was caused by incorrect handling or carelessness.
 - Damage was caused by the product falling after it was purchased.
 - Damage caused by fire, earthquake, floods, lightning, or other natural disasters.
 - The product has not been serviced as required.
 - The product has been tampered with or has been repaired/serviced with non-original parts.

You can find a copy of this and other OCEAN REEF manuals online on our website. In order to limit our paper consumption, and as a part of our environmental friendly and responsible approach, OCEAN REEF recommends, in case you lose or damage this manual, to consult the documentation present online rather than print it out.

Please refer to our web site:
diving.oceanreefgroup.com/support/





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