## OPTIONAL ACCESSORIES

Night Sights “Tritium Bar Dot-System”

## REPAIR POLICY

Should the sound suppressor require repair or modification, the owner should contact AWC Systems Technology by telephone because many problems can be handled without returning the unit. If it is determined that the suppressor should be returned to the manufacturer for repair or modification, our representatives will provide you the appropriate shipping location.

If repairs are required due to a defect in manufacturing or materials within the warranty period, there will be no charge for repairs. Otherwise, the cost may include both time and materials required.

## LIMITED WARRANTY

AWC warrants that all sound suppressors manufactured by them are free of defects in materials or workmanship for a period of one year from the date of the initial transfer from the manufacturer to first transferee. The warranty covers defects discovered during normal use of the sound suppressor and **excludes** the **exterior finish**. The company further disclaims liability for damage to internal parts caused by disintegration of partially jacketed bullets, neglect, abuse, and damage due to misalignment of the suppressor when used on a weapon other than the one to which the suppressor was fitted.

The warranty is voided by unapproved modification of the suppressed weapon system.

AWC Systems Technology further denies any liability resulting from the use, abuse, or criminal misuse of this product.

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# AMPHIBIAN ™

## OPERATIONAL INSTRUCTIONS FOR SOUND SUPPRESSOR MODEL

AMPHIBIAN S ™

MANUFACTURED BY

## AWC SYSTEMS TECHNOLOGY

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Amphibian S Rev. 01/2013

## GENERAL DESCRIPTION

AWC has produced thousands of suppressed Ruger .22 pistols since 1983. There have been 13 primary variations. Each new variant achieved specific performance goals. The AMPHIBIAN S was developed to exceed the performance in 3 specific areas; reduced weight, improved accuracy and extended service life. The current model suppressor is significantly more costly to produce than any of its predecessors.

Those users who are familiar with our previous Amphibian series pistols will be pleasantly surprised when the AMPHIBIAN S lays in their hand. The weight reduction is achieved through a new baffle design that utilizes a 303 stainless steel primary baffle and 6061T6 secondary baffle.

Improved accuracy is primarily achieved with the new baffle design. This baffle almost completely eliminates aero dynamic disruption. The new baffle is also more responsive to simple maintenance.

Service Life is significantly increased through a change in assembly methods. Routine maintenance can be performed by the user. If the weapon sees heavy use, and the user perceives the need, AWC can fully restore the suppressor quickly and economically.

Additionally, with our never ending program of R&D, future improvements in baffle design are imminent. The design and construction of the AMPHIBIAN S will allow users to upgrade their weapons quickly and economically. Also, any component part of the suppressor can be changed at a later date to meet special “wants” or needs. The user will never need to dispose of the “old weapon” to enjoy the latest innovations.

## AMMUNITION

Although you may use any standard or high velocity cartridge we recommend for the best sound reduction, power & proper function the use of Remington or CCI high velocity 40gr or 36gr hollow point (preferably coated for increased service life). This suppressor is “Amphibious” and can be fired with water. A couple of tablespoons of water can be poured into the suppressor for extra quiet operation.

*******DO NOT USE SUB-SONIC AMMUNITION*******

Your pistol was function tested for accuracy and reliability with 40gr Remington High Velocity ammunition.



## MAINTENANCE

After each firing session remove the magazine, clear the chamber, insure the weapon is unloaded with safety engaged. Service the Amphibian S by introducing bore foam from the chamber end of the barrel until foam starts to exit the muzzle of the suppressor. Allow the foam solvent to soak for 30 minutes followed by a rinse to remove any sticky residue left behind by the solvent foam. This is accomplished by plugging the chamber and pouring denatured alcohol or hot tap water into the front of the suppressor tube. It may take a few pours to fill the chambers. We have enclosed a few chamber plugs for your convenience. Use a chamber plug to plug the front of the suppressor and shake barreled upper for about 60 seconds, remove the chamber plugs and allow to drain. It may be advisable to perform another fast rinse. Allow the suppressor to drain from both ends. It is also advisable, but not mandatory, to blow compressed air into both ends of the suppressor after cleaning. Complete disassembly is not required.

After cleaning a quick spray of Rem-Oil in the suppressor and action is recommended. Use cotton swabs to dry the chamber of the barrel and action prior to firing. Some smoking may occur on the first magazine until the excess oils are burned off and expelled from the suppressor.

Although it is not necessary, if the user insists on cleaning the barrel with a bore brush it is accomplished by using the proper .22 rimfire bore brush only. A bronze brush works best and Shooters Choice is our favorite bore solvent. Always insert the bore brush through the chamber end. This eliminates the possibility of crown damage. After cleaning with bore brush follow the flushing/rinsing procedures described above to remove any sticky residue left behind by the solvent. DO NOT attempt to use a patch, EVER!

AWC offers a suppressor water jet cleaning tool to assist in the cleaning process which attaches directly to standard water hose spec threads. The tool is not a regulated item and can be purchased and shipped directly to a user at any address.