

Liberty Suppressors

www.libertycans.net

Specification Sheet for Rimfire Suppressor

Model name: Regulator™

Caliber: 22LR

Weight: 5.5 ounces

Length / Diameter: 1" x 6.5"

Material: Titanium tube / Stainless steel core / Aluminum cap

Coating: Type C Cerakote

Attachment: 1/2-28x.400" direct thread

Approx. DB Reduction: 40+dB

Description: The time has come for the rimfire shooter to have a really quiet silencer and not one filled with compromises called "features". Why do you buy a silencer in the first place? So you can weigh it? Maybe it is to clean it? Is it to have a quiet range experience? We figure it is for the suppression of the gunshot, hence we decided to focus on making the suppressor as quiet as possible and the rest of the features are secondary to that.

The Regulator has the primary focus of suppression, then weight was considered next. We followed this requirement with several other features such as an encapsulated blast chamber, user serviceable and a **Wavelok™** tube.

LIBERTY SUPPRESSORS

113 GUNSMOKE TRAIL

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Regulator disassembly / cleaning instructions

First, remove the suppressor from the weapon.

Remove the tube retaining ring from the rear of the suppressor module. The Regulator Wrench can help with this if it's too carbon locked or was installed too tightly.

At this point, it helps to wet the inside of the core with some penetrating oil such as Kroil Oil. This will drastically help in removal of components.

Push the core assembly out of the tube. This can be done by hand if it hasn't been shot too much, but if it's locked in rather tightly you can use a wooden or plastic dowel ($\frac{7}{8}$ " diameter is best) since those materials are softer than the steel and will allow you to push it safely.

Clean the core with normal solvents, ultrasonic cleaners, or sand blast the core. If you do sand blast the core, be sure to protect the end and the front of the core using electrical tape or something similar.

Reassemble in reverse order, be sure to align the wavelok with the feature on the tube during reassembly. The user may also apply some anti-sieze or other lubricant to the parts to prevent galling of the threaded surfaces. Do not over torque the lock ring, as its only function is to retain the tube and it therefore doesn't need very much force.

Thank you for choosing Liberty Suppressors!

- **The Liberty Team**