

AG Silencer Photos

DonnyFL Models

<https://donnyfl.com/>

Note that older models have a smooth endcap (without the starshaped notches).



2 x 10 inches EMPEROR
v2

~~\$220.00~~ **\$190.00 Sale**



2 x 10.5 inches EMPEROR
v3

\$240.00



2 x 6.25 inch RONIN

\$185.00



1.6 x 6.25 inch SUMO

\$150.00



1.6 x 8 inch SHOGUN

\$185.00



1.22 x 7 inches KOI

\$145.00



1.6 x 4.25 inches TATSU

\$130.00



1.22 x 5 inches TANTO

\$99.00

0dB Models

<http://www.0dbsilencers.com/>



Huggett Models

▲ There are at least 3 designs for the front cap!



Astille



L to R: Atom, Belita, Snipe, Mini-Magna, Magna.



Astille



Huma Models



Modular Moderator Mod30-3/1

6.54" (16.6cm)



MOD40-5/0 = Long | 22.8cm



Modular Moderator Mod40-4/1

8.15" (20.7cm)

Ramus Models



Rocker Models

Rocker1 (David), AG Tuner; Moderator and more at GTA

Email: davidjfurrr@outlook.com

GTA personal page: <https://www.gatewaytoairguns.org/GTA/index.php?action=profile;u=21>

Model: Rocker1

3.3oz = 94g

1.0" dia x 6.87" long = 2.5cm x 17.5cm

Data source: <https://www.gatewaytoairguns.org/GTA/index.php?topic=178083.msg156018632#msg156018632>

Model: Rocker2

3.7oz = 105g

1.0" dia x 7.03" long = 2.5cm x 17.9cm

Data source: <https://www.gatewaytoairguns.org/GTA/index.php?topic=182340>
<https://www.gatewaytoairguns.org/GTA/index.php?topic=182738>
and personal email



Rocker1 (top) and Rocker2 (bottom)

Geo Model

Maker:

Geo Schoonmaker

Webstore: <https://www.airgununiverse.net/wp/store/>

EBay store: https://www.ebay.com/usr/gedi_us_ibtiy?_trksid=p2047675.l2559

Ebay User Name: gedi_us_ibtiy

Carbon Fiber wrap around a polymer shell

ge007 (Matt) reports:

As far as what 'Geo Schoonmaker' (screen name) puts IN his LDC's, I'll leave that to him to divulge if he wishes to. Alternatively, you could buy one and cut it in half I guess. I considered cutting mine open but it performed so well for it's weight, size and cost, I couldn't bring myself to stick it in the mill and 'window' it. Suffice to say Geo has some proprietary 3D printed tec in there with years of R&D going into his design, a far cry from 'hair curlers and felt' LDC's. Not to say HC&F LDC's don't work, just they need to be rebuilt from time to time, and are generally heavier.

<https://www.gatewaytoairguns.org/GTA/index.php?topic=178083.msg156020266#msg156020266>



Construction: 3D printed monocoire set in a polymer shell with a decorative vinyl wrap

Silent Thunder Ordnance Models

Maker:

Silent Thunder Ordnance

He has conducted a scientific comparison test – huge – and in the process developed his own silencers:

<https://www.silentthunderordnance.com/blog/2019/3/1/airgun-moderator-design-performance-and-development-the-big-test-part-5>

Sales page:

<https://www.silentthunderordnance.com/secret-menu>

$$\text{FlowFactor} = \frac{(\text{TankStartPressureBAR} - \text{TankEndPressureBAR}) * \text{TankVolume(cc)}}{\text{ShotsTaken}} * \text{ShroudFactor}$$



TKO Models

Maker:

Mike Tiehen: VEi/TKO Design

Webstore: <http://tko22.com>

hesitate to call or e-mail to learn more, or just to chat about airguns!

Tel: 402-889-9222

Email: Sales@TKO22.com | TKOAirguns@gmail.com

▲ Custom Silencers

“We can develop a TKO Moderator for your special project. Check out our Gallery for more ideas for your airgun hobby.”

Our Products...

We can make our TKO Stage-V LDCs, air strippers, half-shrouds and full shrouds for a wide range of PCP and Co2 air rifles and air pistols. Not so much for springers.

2008–2020: we have manufactured and sold over 15,000 airgun moderators.

At the first of each month for the last 10 years, we'll try new techniques and processes wherein we try to improve on the performance of the product, while keeping prices affordable.

For ideas and options, cf. the following photo gallery: http://www.tko22.com/TKO_gallery/



“Gun metal gray”



Various end pieces



Colors (top to bottom):

- Olive drab
- CF (carbon fiber) wrapped
- Brush alu



“Various end cap treatments. This one was ‘ringed.’”



With end caps
With silver rings



Colors (top to bottom):

- Brown
- Ultra black
- CF (carbon fiber) wrapped

Weihrauch Models

Specs for the HW100 Silencer – fits all 1/2 UNF

https://www.waffen-schlottmann.de/1168812_Schalldaempfer-der-Marke-Weihrauch-fuer-Luftgewehr-mit-Innengewinde-0-5-Zoll-UNF.htm



The originally for the HW100 developed silencer – fits 1/2 UNF

New (2020): Moderator XL-K

GER: <https://www.weihrauch-sport.de/luftgewehre/zubehoer-fuer-luftgewehre/moderator-xl-k-03-2020-2>

GER: https://www.waffen-schlottmann.de/1168818_Schalldaempfer-Modell-Moderator-XL-K-der-Marke-Weihrauch-mit-Innengewinde-0-5-Zoll-UNF.htm

89.95€ = \$107.30 (same price as the XL model)

Weight: 4.59oz (130g)

Length: 5.28" (13.4cm)

Diameter: 1.57" (4.0cm)

Material: Aluminium, steel disks, sound insulation material

1/2" UNF

Calibers = ???



New (2020): Moderator XL

GER: <https://www.weihrach-sport.de/luftgewehre/zubehoer-fuer-luftgewehre/moderator-xl-03-2020-2>

GER: https://www.waffen-schlottmann.de/1168817_Schalldaempfer-Modell-Moderator-XL-der-Marke-Weihrach-mit-Innengewinde-0-5-Zoll-UNF.htm
89.95€ = \$107.30 (same price as the XL-K model)

Weight: 6.70oz (190g)

Length: 7.72" (19.6cm)

Diameter: 1.57" (4.0cm)

Material: Aluminium, steel disks, sound insulation material

1/2" UNF

Calibers = ???



Rear End

Daystate Models

▲ **Actual physical dimensions seem to vary** by as much as 1" between websites. And photos don't match up, either, maybe because this is already the 6th version of this silencer....

▲ **Careful with buying from the UK** – the silencers might be different as they are made for sub-12FPE guns. Request the FAC version if you have more power. **Krale (NL)** does not ship silencers to the US (2020).

Shorter than its actual length:

"Product Description: This quality carbon fibre silencer from Daystate is designed specifically to fit over the barrel shroud of the Daystate shrouded air rifles. To be used in conjunction with the appropriate Daystate Silencer Adaptor if the barrel does not have a 12 unf thread all Daystates made in 2012 have threaded barrel sleeves as standard The silencer features a recessed internal thread that screws onto the silencer adaptor, securing the silencer. This design means that only half the total length of the silencer extends past the end of the barrel shroud. Total Length 15.5cm 6.1inches Extends Past Barrel End When Fitted 8cm 3.1inches Weight 92grams 3.2ounces."

<http://www.tannyokyguns.co.uk/accessories/books-dvds/moderators/daystate-airstream-mk6-moderator-m4-huntsman.html>



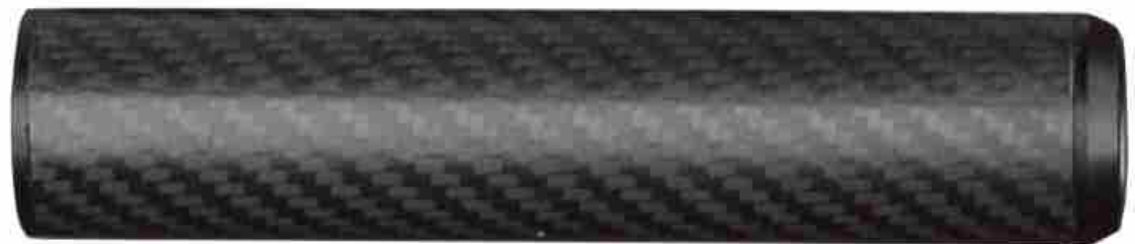
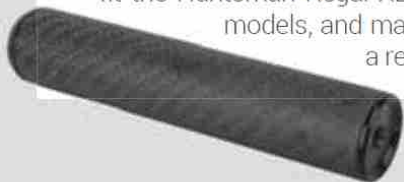
Daystate Airstream Carbon Fibre Mk6 Reflex

- Specially made to fit all current Daystate rifles
- A separate adaptor is available should the rifle not already have one fitted.
- This new unit is *calibre* and *model* specific.
- 7" long → but only increasing the total size of the gun by 3.5"
- 99gr weight
- Loudness: 61.3 db

AIRSTREAM VI SILENCERS

Daystate's Airstream VI Reflex is a groundbreaking, reflex-type sound suppressor incorporating a one-piece baffle for perfect alignment and noise dissipation. It fits Daystate's current line-up of PCPs - including the higher powered models - using the 1/2in UNF threaded muzzle adaptor integral to every Daystate, where the Airstream's sunken thread makes it half the length of comparable silencers. Adding just 3ins (75mm) beyond the muzzle, its strong and lightweight carbon-fibre casing ensures the rifle's balance is unaffected.

A universal version of the Airstream is also available to fit the Huntsman Regal XL, as well as older Daystate models, and many other rifles where fitting a reflex silencer isn't possible.



Daystate Airstream Carbon Fibre MK6 Reflex

Overall length : 6 inches (152mm)
Extending Length : 3.5 inches
Weight : 6.7 oz (105 grams)

Mystery Moderator Models, or A.U.O. Models

They are as of January 2021 in their final stage of development and will be available soon.

Contact: mrbulk (Charlie)

→ Send him a personal message, at the *Gateway to Airguns* forum, here: <https://www.gatewaytoairguns.org/GTA/index.php?action=profile;u=62231>

More Information

<https://www.gatewaytoairguns.org/GTA/index.php?topic=180075>

<https://www.gatewaytoairguns.org/GTA/index.php?topic=182312>

Text from the above posts:

“The two new LDCs are: Mystery Moderator 1 (see below), and Mystery Moderator 2 (see below).

There are no costs shown for the two new LDCs because these so-named Mystery Moderators are newly developed units (by certain members wishing to remain anonymous at this time) that may be produced for sale later, although I am not at liberty to discuss this until further notice, and no pricing has yet been provided.

***Mystery Moderator 1** is machined from 6061-T6 aluminum and consists of four parts: two end caps, the body tube and an internal monocoire baffle system. Can be completely disassembled for maintenance. Prototype provided for test was bare aluminum, but final product will be anodized matte-black Milspec HA3.

The body is machined from 6061 aluminum and black milspec HAIII hard anodized with matte bead blasted tube and polished end caps.

The front cap is engraved “AIRGUN USE ONLY” around the top, and “.177/.22 CAL.” around the bottom. The letters are machined directly into the metal, over which the anodizing was applied.

The rear cap features a short chamfer on the end that tapers down to match the diameter of an Akela shroud like it was made for it. In fact I think all my shrouded guns are about this diameter.

The unit is designed to be taken apart for cleaning/maintenance. Both caps have a ridge of angled knurling around the edge to make them easy to unscrew, and the internals just slide out.

The makers kept the length and width the same as the prototype, yet the internal volume was somehow increased slightly for improved silencing. Being that the prototype was already among the top 5 from the last test, this production model may be more effective from what I've seen.

There is no name stamped anywhere on it, so for the next test I guess I could call it the “**A.U.O.**” (for Airgun Use Only). ;D

From the info provided, the estimated cost will be \$70 or less.

I took a bunch of photos (see below), but cannot show the internals per GTA rules.

***Mystery Moderator 2** is a sealed unit so I could not see inside, and coated black in either paint or anodizing.

“3D printed with PETG material for the 2 baffle section and end caps, with aluminum outer shell and a coat of primer plus 2 coats of enamel. The baffles are of a standard cone shape with supports. The PETG material is like the clear soda bottle material. Very strong stuff.”

MM1: 4.2oz | 1.125"=2.9cm diameter x 7.375"=18.7cm length

MM2: 3.0oz | 1.125"(?)=2.9cm diameter x 7.5"(?)=19.1cm length

PICS of MM1 or A.U.O.

