

Why is muzzle energy a key metric when choosing an airgun?

This makes muzzle energy a key statistic when selecting an airgun. Hunting rifles require higher foot-pounds within your air gun licence UK possession limits to ensure clean kills. The final key metric 'calibre' generates much confusion! Calibre refers to the pellet diameter or bore size rather than any power measurement.

How does Zeus air storage work?

Onboard air storage is via an under-barrel reservoir tube that has a fill pressure of 4500 psi. There is a pressure gauge at the muzzle end of the reservoir, with a snap-on dust cover that shields a filling port set up for the company's proprietary 7mm fill probe. The pressure gauge at the end of the Zeus. Jim Chapman

How do air rifles work?

Today, the guns used at the highest levels of competition are powered by compressed air. Some makes of air rifle incorporate a gas spring instead of a mechanical spring. Pressurized air or nitrogen is held in a chamber built into the piston, and this air is further pressurized when the gun is cocked.

Are airguns a firearm?

Airguns that shoot projectiles over 5.6mm (.22) in calibre and shoot at energies greater than 8 joules (6 ft-lbs) are classified as firearms in the FCA of 2000 (Firearms Control Act). All classified firearms are required to be licensed in terms of the act.

Are air guns illegal?

Air weapons with muzzle energy greater than 12 foot-pounds may only be held on a firearm certificate issued by local police forces. Air pistols with muzzle energies greater than 6 foot-pounds (and certain other air weapons) are prohibited and may not be possessed without the authority of the Secretary of State.

Are big bore airguns good for hunting?

In recent years, many new hunting opportunities have emerged for airgunners, and big bore airguns, like the AEA Zeus, are a central part of that growth. When airguns started to gain traction in the early 2000s, most airgun hunters were using standard caliber guns for small game and pest control.

Promote longevity through organised storage that prevents accidents or damage. Utilise safe drawers, gun pegs, barrel rods and gun socks to keep multiple rifles accessible yet protected. Label gun cases clearly for ...

Certain air guns in Canada are considered firearms under the Firearms Act if they have a high muzzle velocity and muzzle energy. To be classified as firearms, these air guns must exceed both thresholds: 152.4 meters/500 feet per ...

Carbon dioxide-powered guns have two significant advantages over pre-charged pneumatic air guns: A

simpler system for compact storage of energy--a small volume of liquid converts to a large volume of pressurized gas. No pressure ...

It ships in a hard plastic case with foam cutouts to protect the rifle during transport and storage. You can buy it with confidence as it has a 3-year warranty from the manufacturer that is ...

Storing airguns vertically and/or cocked statistically effected the consistency of air pellet discharge and recorded muzzle velocities. Modifications typically resulted in significant ...

Airguns at Just Air Guns, your ultimate destination for all things airguns in the UK! We proudly offer one of the largest online selections of airguns, including a wide variety of air rifles and air ...

We demystify these key specifications that determine an airgun's capabilities and help match the ideal gun for your planned uses. From target practice to pest control, understanding the power and projectile characteristics ...

Depending on the size of the reservoir on your air gun, it can typically give you 16 fills before it needs to be refilled. For even more portability and convenience, consider getting an aluminum ...

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OverviewGermanyAustraliaBrazilBelgiumBulgariaCanadaChileIn Germany, air guns producing a muzzle energy up to 7.5 joule (J) (5.53 ft³lbf) can be owned by persons from the age of 18 years and freely acquired provided they bear the "F-in-pentagon" mark that indicates a muzzle energy not exceeding 7.5 J (5.5 ft³lbf) kinetic energy. Carrying air guns in public necessitates a carry permit (167; 10 Abs. 4 WaffG), extremely rare as such and never granted for air guns. Only the transportation of unloaded and non-accessible air guns (or carrying unloa...

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