

Operating an AirForce Air Rifle on CO₂

The owner's manual and instructional DVD that came with your AirForce gun do not address CO₂ operations.

However, the manual and DVD have plenty of applicable things such as maintenance, mounting a scope and sighting-in quickly. It's only when you come to the use of CO₂ that something is missing. So, AirForce also included a separate instruction pamphlet on CO₂ operation with your rifle or CO₂ adapter. That pamphlet addresses attaching the CO₂ adapter to the tank and attaching the tank to the gun.

What it doesn't cover is the power you should expect from your gun operating on CO₂. We know that CO₂ has about one-third the operating pressure of compressed air, so velocities will be lower with all pellets. Here are the maximum velocities you can expect from CO₂ with these rifles in each caliber (not all rifles will achieve max velocities, as there are variances):

	<u>Talon SS</u>	<u>Talon</u>	<u>Condor</u>
.177	700 f.p.s.	775 f.p.s.	850 f.p.s.
.22	610 f.p.s.	670 f.p.s.	734 f.p.s.

All AirForce rifles offer adjustable power, and this feature works with CO₂ as well as air. Expect lower velocities when you set the power adjustment at its lowest setting.

You can always buy the standard air tank (or the hi-flo tank for a Condor) and convert your rifle to use air. No additional work has to be done to make the conversion. Just switch to the air tank, which has its own valve.

If you do decide to use high-pressure air, you will also need the proper fill adapter and either a hand pump or a scuba tank to refill your AirForce tanks. Call the dealer from whom you bought the gun, and they will help you make the switch.

Your rifle can also use the AirForce micro-meter air tank, which is essentially a low-powered air tank conversion for safe indoor shooting. This tank is filled by the same apparatus as regular air tanks.