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› [Walther CP88 .177 Caliber Pellet Gun Air Pistol User Manual](#)

Walther 2252054-WAA

Walther CP88 .177 Caliber Pellet Gun Air Pistol User Manual

MODEL: 2252054-WAA

UMAREXUSA[®]

Official User Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and care of your Walther CP88 .177 Caliber Pellet Gun Air Pistol. The Walther CP88 is designed for action shooting target games, offering outstanding workmanship and a simplified modular system suitable for both experienced and novice shooters. It is a CO₂-powered air pistol that shoots .177 caliber pellets.

2. SAFETY INFORMATION

WARNING: READ ALL INSTRUCTIONS AND WARNINGS BEFORE USING THIS AIR PISTOL. IMPROPER USE OR HANDLING MAY CAUSE SERIOUS INJURY OR DEATH.

- Always treat this air pistol as if it were loaded.
- Never point the air pistol at anything you do not intend to shoot.
- Keep your finger off the trigger until you are ready to shoot.
- Always wear appropriate eye protection when handling or shooting this air pistol.
- Be sure of your target and what is beyond it. Pellets can ricochet.
- Keep the air pistol unloaded and stored securely when not in use, out of reach of children and unauthorized persons.
- Use only .177 caliber pellets. Do not use steel BBs.

- This product is restricted from shipment into the state of New York. Residents of Chicago, IL cannot buy CO2 powered rifles, pistols or revolvers directly from us. Residents of New Jersey can buy bb guns through a designated local gun store after acquiring an Airgun Permit. Residents of Michigan may purchase any pellet gun except for pellet guns or BB guns measuring 30 inches or less (overall length). Adult signature will be required by the shipping carrier for all shipments that contain air guns.
- You must be 18 years or older to purchase this air pistol.

3. PRODUCT OVERVIEW

The Walther CP88 is a CO2-powered air pistol designed for precision and durability. It features a realistic feel and weight, making it an excellent training tool.

Key Features:

- Outstanding workmanship and a simplified modular system.
- Shoots .177 caliber pellets at up to 400 fps (CP88 Standard) or 450 fps (CP88 Competition).
- Runs on easy-to-find 12 gram CO2 cartridges (CO2 NOT included).
- Comes in a foam-lined plastic case and includes two 8-shot rotary magazines.
- Features both double and single action firing modes.
- 8-shot capacity per rotary magazine.

Product Views:



Figure 3.1: Right side view of the Walther CP88 Air Pistol, showcasing its design and controls.



Figure 3.2: Angled view of the Walther CP88 Air Pistol, highlighting the barrel and grip texture.

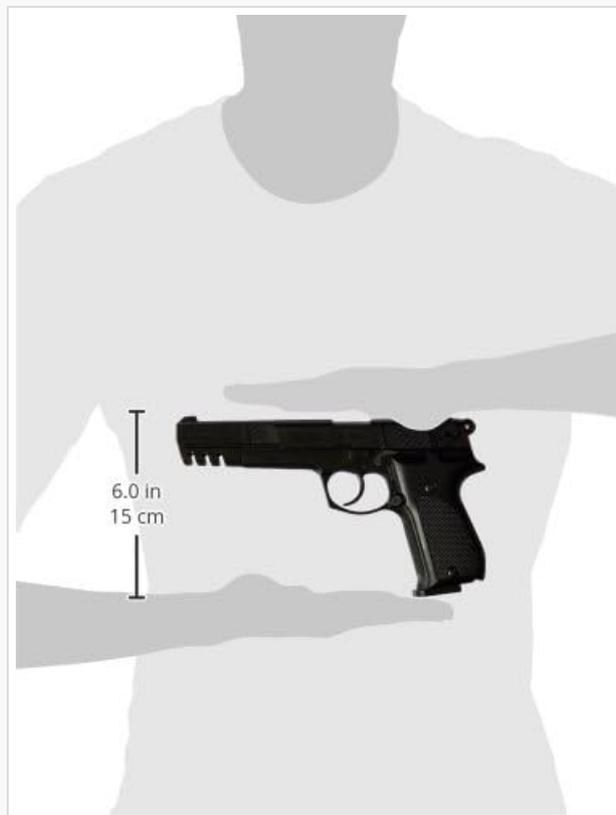


Figure 3.3: The Walther CP88 Air Pistol held in hand, illustrating its approximate size and ergonomics.

4. SETUP

4.1 CO2 Cartridge Installation

1. Ensure the air pistol is unloaded and the safety is engaged.
2. Locate the CO2 cartridge compartment, typically in the grip.
3. Insert a new 12-gram CO2 cartridge into the compartment.
4. Tighten the piercing screw or lever until the cartridge is pierced and sealed. A small hiss may be heard, indicating proper sealing. Do not overtighten.

4.2 Loading Pellets

1. Remove an 8-shot rotary magazine from the air pistol.
2. Insert .177 caliber pellets into each chamber of the rotary magazine, ensuring they are seated flush.
3. Reinsert the loaded rotary magazine into the air pistol until it clicks into place.

5. OPERATING INSTRUCTIONS

5.1 Firing the Air Pistol

1. With the air pistol loaded and CO2 installed, disengage the safety.
2. Aim at a safe and appropriate target.
3. The Walther CP88 supports both double-action and single-action firing:
 - **Double Action:** Pull the trigger all the way back. This action cocks the hammer and releases it, firing the pellet.
 - **Single Action:** Manually cock the hammer back before pulling the trigger. This results in a lighter and shorter trigger pull for potentially greater accuracy.
4. After firing, the rotary magazine will advance to the next chamber automatically in double-action mode.
5. When the magazine is empty, remove it and replace with a loaded one, or reload the existing one.

5.2 CO2 Cartridge Performance

The CO2 cartridge provides consistent pressure for multiple shots. As you fire rapidly, the CO2 cartridge may cool down, temporarily reducing pressure. If this occurs, allow a short pause for the cartridge to warm up, and pressure will typically restore. A single 12-gram CO2 cartridge can provide many shots, with performance gradually decreasing as the CO2 is depleted.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Walther CP88 air pistol.

6.1 Cleaning

- After each use, wipe down the exterior of the air pistol with a clean, dry cloth to remove dirt and moisture.

- Periodically clean the barrel using a .177 caliber cleaning rod and patches. Do not use harsh solvents.

6.2 Lubrication

- Apply a small amount of silicone oil to the CO2 piercing seal to maintain its integrity and prevent leaks.
- For internal mechanisms, especially the trigger assembly, a light application of appropriate airgun lubricant can improve smoothness. Some users report that the trigger mechanism smooths out with use as internal grease distributes itself.

6.3 Storage

- Always remove the CO2 cartridge before storing the air pistol for extended periods.
- Store the air pistol in its foam-lined plastic case in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the air pistol is unloaded and the safety is engaged before storage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Walther CP88 air pistol.

Problem	Possible Cause	Solution
Loss of power or inconsistent velocity.	Depleted CO2 cartridge; Cold CO2 cartridge; Leaking CO2 seal.	Replace CO2 cartridge; Allow CO2 cartridge to warm up; Apply silicone oil to the CO2 seal or replace if damaged.
Pellets not feeding or jamming.	Improperly seated pellets; Damaged rotary magazine; Incorrect pellet size.	Ensure pellets are flush in the magazine; Inspect magazine for damage; Use only .177 caliber pellets.
Trigger feels heavy or sticks.	New pistol (needs break-in); Lack of lubrication; Debris in mechanism.	Continue using the pistol to allow internal components to smooth out; Apply a small amount of airgun lubricant to the trigger mechanism; Inspect for and remove any visible debris.
Air pistol does not fire.	Safety engaged; No CO2; No pellets; Mechanical malfunction.	Disengage safety; Install new CO2 cartridge; Load pellets; If problem persists, contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Walther
Model Name	Walther CP88 CO2 Powered .177 Caliber Pellet Gun Air Pistol, CP88 Competition

Feature	Detail
Model Number	2252054-WAA
Caliber	.177 Caliber
Ammunition Type	Pellets
Power Source	CO2 (12-gram cartridges)
Muzzle Velocity	Up to 400 fps (Standard) / 450 fps (Competition)
Magazine Capacity	8 Rounds (Rotary Magazine)
Firing Action	Double/Single Action
Product Dimensions (LxWxH)	12.13"L x 2.63"W x 5.51"H
Item Weight	50.4 Ounces
Barrel Material Type	Plastic
Frame Material	Plastic
Color	Black
UPC	723364520549
Manufacturer	Green Supply

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Walther CP88 Air Pistol, please contact the manufacturer, Green Supply, or visit the official Walther/Umarex USA website. Keep your purchase receipt as proof of purchase for any warranty claims.

You can find more information and products from Umarex USA, the premier manufacturer of airguns and airgun accessories, by visiting their official store:

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