**Defender™ CO₂ BB Air Pistol**

**Ages 16+**

**OWNER’S OPERATION MANUAL**

**Defender™ CO₂ BB Air Pistol**

- .177 Caliber (4.5 mm)
- CO₂ Powered
- Shoots steel BBs only
- Velocity 440 fps
- Danger Distance: 325 yards

**WARNING:** NEVER POINT THE AIR PISTOL AT ANYTHING YOU DO NOT INTEND TO SHOOT.

WHEN THE SAFETY IS “ON SAFE”, YOU SHOULD CONTINUE TO HANDLE THE AIR PISTOL SAFELY.

CAUTION:

- Push the safety in and rearward (toward “F”) (illustration 2a).

To Take the Defender “OFF SAFE”

- Locate the safety on the right side of the airgun above the trigger.
- Push the safety in and rearward (toward “F”) (illustration 2b).

**WARNING:** LIKE ALL MECHANICAL DEVICES, AN AIR PISTOL SAFETY CAN FAIL. EVEN WHEN THE SAFETY IS “ON SAFE”, YOU SHOULD CONTINUE TO HANDLE THE AIR PISTOL SAFELY. NEVER POINT THE AIR PISTOL AT ANYTHING YOU DO NOT INTEND TO SHOOT.

Air Pistols differ in their operation and you are never ready to fire any airgun until you are thoroughly familiar with it. Read the following operating instructions thoroughly prior to operating. These symbols, ! , mark warnings and cautions in this operation manual. Carefully follow them for your own safety and the safety of others.

**Operating Procedures**

1. Learning the Parts of Your Air Pistol
2. Operating the Safety
3. Installing and Removing CO₂ Capsules
4. Loading and Unloading Projectiles
5. Aiming and Firing Safely
6. Use and Handling of CO₂ Capsules
7. Maintenance, Cleaning, and Storage
8. Troubleshooting
9. Reviewing Safety
10. Repair / Service / Warranty

**1. Learning the Parts of Your Air Pistol**

[Diagram of Air Pistol Parts]

**WARNING:** USE ONLY 12G CO₂ CAPSULES. ANY ATTEMPT TO USE OTHER TYPES OF GAS CAPSULES COULD BE EXTREMELY DANGEROUS AND COULD RESULT IN SERIOUS INJURY OR DEATH. GASES OTHER THAN CO₂ COULD RESULT IN AN EXPLOSION OR RUPTURE OF THE AIR PISTOL.

**WARNING:** NEVER LOAD THE MAGAZINE UNTIL YOU HAVE VERIFIED THE AIR PISTOL WILL DISCHARGE CO₂ PROPERLY.

The Defender air pistol is powered by one 12 gram CO₂ capsule. We recommend the use of Walther CO₂ capsules for a proper seal.

**3A. Installing a New CO₂ Capsule**

- Put the air pistol “ON SAFE” (see Step 2. Operating the Safety).
- Check to make sure the built-in magazine is empty.
- Make sure a projectile is not loaded (see Step 4. Unloading Projectiles).
- If it contains CO₂ (see Step 3B. Removing CO₂ Capsules).
- Press the grip release button exposing the CO₂ housing (illustration 3a).
- Before installing a 12g CO₂ capsule, place one drop of RWS Chamber lube on the top of the small end of the 12g CO₂ capsule.
- Insert the 12g CO₂ capsule, with the small neck of the capsule pointing upward into the grip, and turn the piercing knob clockwise until it pierces the CO₂ capsule. (illustration 3b)
- Push the pistol grip forward to close (Illustration 3c).
- Make sure the capsule has been punctured. With the air pistol unloaded, pointed in a SAFE DIRECTION, take “OFF SAFE” (see Step 2B) and pull the trigger to fire. If it does not fire, tighten the piercing knob some more and repeat this step.

**NOTE:** A SLIGHT SEEPAGE OF CO₂ GAS MAY OCCUR UNTIL PUNCTURE SCREW IS TIGHT.
NOTE: NEVER TRY TO FORCE ANY CO2 CAPSULE INTO OR OUT OF PLACE. DO NOT STORE YOUR AIR PISTOL WITH A CO2 CAPSULE IN IT. IF YOU KNOW YOU WILL NOT BE USING YOUR AIR PISTOL FOR AN EXTENDED PERIOD OF TIME, SAFELY EMPTY THE CO2 CAPSULE AND REMOVE IT FROM THE AIR PISTOL. THIS IS VERY IMPORTANT TO REMEMBER, AS IT WILL PROLONG THE LONGEVITY OF YOUR AIR PISTOL SEALS.

WARNING: KEEP HANDS AND FACE AWAY FROM ESCAPING CO2 GAS. IT CAN CAUSE FROSTBITE IF ALLOWED TO COME IN CONTACT WITH SKIN. ALWAYS MAKE SURE THE CO2 CAPSULE IS EMPTY BEFORE ATTEMPTING TO REMOVE IT FROM THE AIR PISTOL BY SLOWLY TURNING THE GAS CAPSULE PUNCTURE SCREW COUNTER-CLOCKWISE ALL THE WAY UNTIL YOU NO LONGER HEAR THE ESCAPE OF CO2 GAS.

3B. Removing a CO2 Capsule

- Put the air pistol “ON SAFE” (see Step 2. Operating the Safety).
- Point the air pistol in a SAFE DIRECTION.
- Press the grip release button exposing the CO2 capsule.
- Use one hand to hold the air pistol at the top of the slide. Be sure to keep the muzzle pointed in a safe direction.
- Slowly turn the piercing knob counterclockwise (down) until it stops turning; allowing any remaining CO2 gas to escape.
- Remove the empty CO2 capsule and discard.

4. Loading and Unloading Projectiles

4A. Loading Projectiles

- Put the air pistol “ON SAFE” (see Step 2. Operating the Safety).
- Always point the air pistol in a SAFE DIRECTION.
- Press the grip release button exposing the built-in magazine.
- Press the follower down and lock it to the left (Illustration 4).
- Load up to 16 (.177 caliber) steel BBs through the loading port (Illustration 4). We recommend RWS Match-Grade BBs.
- Gently release the follower.
- Close the grip.

4B. Unloading Projectiles from the Air Pistol

- Always point the air pistol in a SAFE DIRECTION.
- Pull the trigger to fire until the air pistol no longer shoots projectiles.
- Put the air pistol “OFF SAFE” (see Step 2. Operating the Safety).
- Pull the trigger to fire until the air pistol no longer shoots projectiles.
- Put the air pistol “ON SAFE”.

Note: The air pistol must be charged with CO2 when following these steps, but remember, do not store your air pistol with a CO2 capsule in it.

WARNING: NEVER ASSUME THAT THE AIR PISTOL NO LONGER FIRES A PROJECTILE AND/OR THE MAGAZINE IS REMOVED FROM THE GRIP FRAME THAT A PROJECTILE IS NOT LODGED IN THE BARREL. ALWAYS TREAT THE AIR PISTOL AS THOUGH IT IS LOADED AND WITH THE SAME RESPECT YOU WOULD A FIREARM.

IMPORTANT: FIRING THE AIR PISTOL WITH TOO LITTLE GAS PRESSURE LEFT MAY CAUSE A BB TO GET STUCK IN THE BARREL.

NOTE: ONLY USE FLAWLESS STEEL BBs: .177 CALIBER (4,5 MM). NOTE: WARRANTY EXPIRES IF NON-RECOMMENDED BBs ARE USED.

CAUTION: USE ONLY .177 CALIBER (4,5 MM) STEEL BBs. DO NOT ATTEMPT TO REUSE BBs THAT HAVE BEEN FIRED OR ARE DEFORMED. DO NOT USE BUCK SHOT, DARTS, BALL BEARINGS, OR OTHER FOREIGN OBJECTS BECAUSE THEY CAN CAUSE INJURY TO YOU OR SOMEONE ELSE OR MAY DAMAGE AND/OR JAM THE AIR PISTOL.

6. Use and Handling of CO2 Capsules

- Check to make sure the built-in magazine is empty.
- Always point the air pistol in a SAFE DIRECTION.
- Press the follower down and lock it to the left (Illustration 4).
- Load up to 16 (.177 caliber) steel BBs through the loading port (Illustration 4). We recommend RWS Match-Grade BBs.
- Gently release the follower.
- Close the grip.
3. During rapid fire, the muzzle velocity of each shot will diminish. This can affect shooting accuracy and you will get fewer shots per CO2 capsule.

4. Care should be exercised to ensure that the airgun is not shot with a CO2 capsule that is low in pressure. Here are some indicators of insufficient pressure:
   A) The sound of the shot is not as loud as when the capsule is full.
   B) The projectile hits the target, but in a lower position than it would with a full CO2 capsule (that is, the shooting speed has dropped).

**CAUTION: NEVER ATTEMPT TO REUSE A CO2 CAPSULE FOR ANY PURPOSE.**

7. Maintenance, Cleaning, and Storage

**CAUTION:** BEFORE ANY CARE, CLEANING, OR MAINTENANCE, ALWAYS BE SURE YOUR AIR PISTOL IS UNLOADED. KEEP IT POINTED IN A SAFE DIRECTION. IT IS IMPORTANT TO PERFORM ROUTINE INSPECTIONS AND MAINTAIN YOUR AIR PISTOL PROPERLY.

With care and routine inspections your air pistol will provide many sessions of shooting enjoyment. Abuse, neglect and continued exposure to the elements will impair the performance of any airgun. To ensure continued proper function, apply 2 to 3 drops of RWS Spring Cylinder oil onto all moving parts such as the BB follower, gas capsule piercing knob and the trigger hinge (1000 shots).

**CAUTION:** OILS THAT CONTAIN ACID OR RESIN CAN DAMAGE THE SEALS AND POSSIBLY THE AIR PISTOL FINISH.

**CAUTION:** ALWAYS CHECK TO MAKE SURE THE AIR PISTOL IS UNLOADED WHEN GETTING FROM STORAGE OR FROM ANOTHER PERSON.

**WARNING:** AN AIR PISTOL THAT IS NOT OPERATING PROPERLY MAY BE DANGEROUS. IT SHOULD BE KEPT SAFELY FROM USE BY ANYONE UNTIL REPAIRED OR DESTROYED. DO NOT TRY TO TAKE THE AIR PISTOL APART. IT IS DIFFICULT TO REASSEMBLE AND IMPROPER DISASSEMBLY OR REASSEMBLY CAN CAUSE SERIOUS INJURY OR DEATH.

**WARNING:** DO NOT BRANDISH OR DISPLAY THIS AIR PISTOL IN PUBLIC - IT MAY CONFUSE PEOPLE AND MAY BE A CRIME. POLICE AND OTHERS MAY THINK IT IS A FIREARM. DO NOT SHOOT AT FRAGILE OBJECTS SUCH AS WINDOWS, DO NOT SHOOT AT HARD SURFACES OR AT THE SURFACE OF WATER. THE PROJECTILE MAY BOUNCE OFF OR RICOCHET AND HURT SOMEONE OR SOMETHING YOU HAD NOT INTENDED TO HIT.

• Do not attempt to disassemble or tamper with your airgun. Unauthorized repairs or modifying the function of your airgun in any way may be unsafe and will void your warranty.

• Before you store your airgun, make sure it is unloaded, the CO2 capsule is removed, and is “ON SAFE.”

9. Reviewing Safety

• Always aim in a SAFE DIRECTION. Always keep the muzzle of the airgun pointed in a SAFE DIRECTION.

• Always keep your finger off the trigger and out of the trigger guard until ready to shoot.

• Never point the airgun at anything you do not intend to shoot.

• Always treat the airgun as though it is loaded and with the same respect you would a firearm.

• Never look down the barrel of an air pistol.

• Always keep the airgun “ON SAFE” until you are ready to shoot.

• Always check to see if the airgun is “ON SAFE” and unloaded when getting it from another person or from storage.

• Use only the proper size and type of projectile as it is marked on the airgun.

• Never reuse ammunition.

• Do not shoot at hard surfaces or at the surface of water. The projectile may bounce off or ricochet and hit someone or something you had not intended to hit.

• Do not shoot at fragile objects such as windows.

• Place the backstop in a location that will be safe should the backstop fail.

• Your backstop should be checked for wear before and after each use. All backstops are subject to wear and will eventually fail. Replace your backstop if the surface is worn or damaged or if a ricochet occurs.

• Do not attempt to disassemble or tamper with your airgun. Unauthorized repairs or modifying the function of your airgun in any way may be unsafe and will void your warranty.

• Before you store your airgun, make sure it is unloaded, the CO2 capsule is removed, and is “ON SAFE.”

10. Repair / Service / Warranty

Do not return defective or damaged product to the dealer. If your airgun needs repair, call Umarex USA (479) 646-4210 and ask for the Service Department or visit www.umarexusa.com. DO NOT ATTEMPT TO DISASSEMBLE IT! Your airgun requires special tools and fixtures to repair it. Any disassembly or modification not performed by Umarex USA will void the warranty.

90 DAY LIMITED WARRANTY

Umarex air pistols are warranted to the retail consumer for 90 days from date of purchase against defects in material and workmanship and is not transferable.

WHAT IS COVERED: Replacement parts and labor.

WHAT IS NOT COVERED: Shipping charges to Umarex USA for defective product and damages caused by abuse or failure to perform normal maintenance as well as any other expense. CONSEQUENTIAL DAMAGES, OR INCIDENTAL EXPENSES, INCLUDING DAMAGE TO PROPERTY. SOME STATES do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

DEFENDER™ BB Pistol Specifications

<table>
<thead>
<tr>
<th>System:</th>
<th>CO₂</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caliber:</td>
<td>.177</td>
</tr>
<tr>
<td>Projectiles:</td>
<td>Steel BBs</td>
</tr>
<tr>
<td>Length:</td>
<td>6.75 in.</td>
</tr>
<tr>
<td>Barrel Lgth:</td>
<td>4.3 in.</td>
</tr>
<tr>
<td>Weight:</td>
<td>1.60 lbs.</td>
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CAUTION: THE COMPONENTS OF YOUR AIR PISTOL WERE ENGINEERED AND MANUFACTURED TO DELIVER OPTIMUM PERFORMANCE. ANY MODIFICATION OR TAMPERING WITH YOUR AIR PISTOL MAY CAUSE A MALFUNCTION, WILL VOID YOUR WARRANTY, AND MAY MAKE IT UNSAFE TO USE. ANY CHANGE IN PERFORMANCE (SUCH AS A LOWERED TRIGGER PULL FORCE AND SHORTENED TRIGGER TRAVEL), INDICATES POSSIBLE MODIFICATION, TAMPERING, AND/OR WEAR. SUCH AIR PISTOL SHOULD BE INSPECTED, REPLACED, OR PROPERLY REPAIRED BY ONLY QUALIFIED UMAREX USA PERSONNEL. ANY AIR PISTOL THAT HAS BEEN DROPPED SHOULD BE CHECKED BY QUALIFIED PERSONNEL TO ENSURE THAT ITS FUNCTION HAS NOT BEEN AFFECTED.

**WARNING:** DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. TO THE EXTENT ANY PROVISION OF THIS WARRANTY IS PROHIBITED BY FEDERAL, STATE, OR MUNICIPAL LAW WHICH CANNOT BE PREEMPTED, IT SHALL NOT BE APPLICABLE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE AND COUNTRY TO COUNTRY.

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