

ELECTRONIC BURST OF STEEL

1, 4, or 8-shot BURSTS!

READ THIS OWNER'S MANUAL COMPLETELY. This airgun is not a toy. Treat it with the same respect you would a firearm. Always carefully follow the safety instructions found in this owner's manual and keep this manual in a safe place for future use.

LISEZ COMPLÈTEMENT CE MANUEL DU PROPRIÉTAIRE. Traitez-le avec le même respect que celui attribué à une arme à feu. Suivez toujours avec soin les instructions concernant la sécurité contenues dans le manuel du propriétaire et conservez ce manuel dans un endroit sûr pour vous y référer dans l'avenir.

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E•B•O•S

CO<sub>2</sub>-Airgun, cal. 4.5 mm (.177) BB

VELOCITY

540 fps

VÉLOCITÉ

165 pi/s

**WARNING:** NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. MAY BE DANGEROUS UP TO 375 YARDS (343 METERS).

THIS IS A HIGH POWERED AIRGUN FOR USE BY THOSE 16 YEARS OF AGE OR OLDER. READ ALL INSTRUCTIONS BEFORE USING. THE PURCHASER AND USER SHOULD CONFORM TO ALL LAWS GOVERNING THE PURCHASE, USE, AND OWNERSHIP OF AIRGUNS.

**AVERTISSEMENT:** PAS UN JOUET. LA SUPERVISION D'UN ADULTE EST NÉCESSAIRE. UN MAUVAIS USAGE OU UN USAGE IMPRUDENT PEUVENT CAUSER DES BLESSURES GRAVES OU LA MORT. PEUT ÊTRE DANGEREUX JUSQU'À 375 VERGES (343 MÈTRES).

DES PERSONNES ÂGÉES DE 16 ANS OU PLUS. LISEZ TOUTES LES INSTRUCTIONS AVANT D'UTILISER CETTE ARME. L'ACHETEUR ET L'UTILISATEUR DEVRAIENT SE CONFORMER À TOUTES LES LOIS CONCERNANT L'ACHAT, L'UTILISATION ET LA POSSESSION D'ARMES À AIR.

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EN



SAFETY INSTRUCTIONS



DESCRIPTION

**WARNING:** THIS AIRGUN CAN CAUSE SERIOUS INJURY OR DEATH. READ AND FOLLOW THE INSTRUCTIONS CAREFULLY. DO NOT LOAD A PROJECTILE INTO THE AIRGUN UNTIL YOU ARE READY TO SHOOT. IF YOU DO LOAD A PROJECTILE AND THEN DECIDE NOT TO SHOOT, REMOVE IT EITHER MANUALLY OR BY SHOOTING THE AIRGUN AT A SAFE TARGET. AN UNLOADED AIRGUN WHICH IS "ON SAFE" IS SAFEST. ACCIDENTS HAPPEN FAST, PLEASE HANDLE THE AIRGUN SAFELY.



OPERATION

Airguns differ in their operation and you are never ready to fire any gun 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.

**CAUTION:** You and others with you should always wear shooting glasses to protect your eyes. Read all instructions before using.



CARE

**CAUTION:** Eye Protection Required.



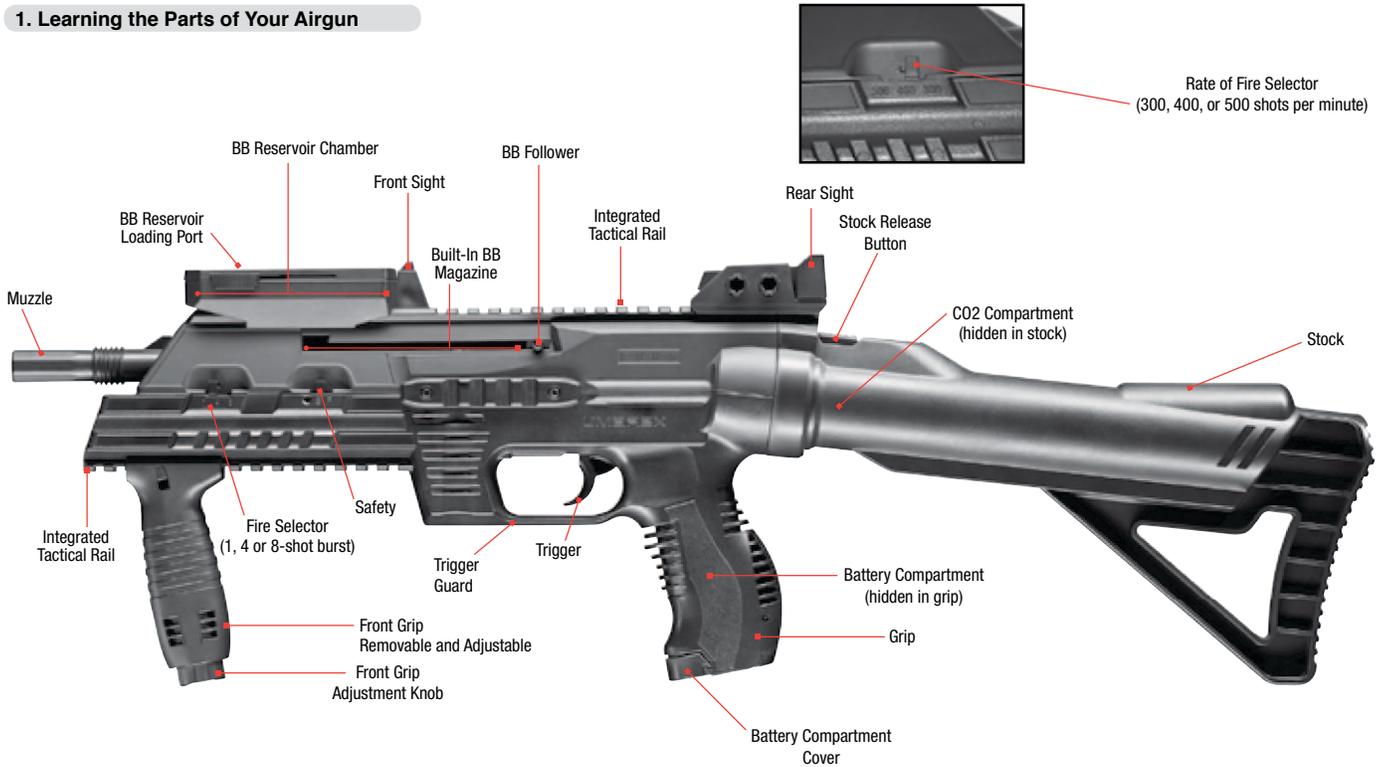
SAFETY INSTRUCTIONS

**Operating Procedures**

1. Learning the Parts of Your Airgun
2. Operating the Safety
3. Removing and Installing Batteries
4. Removing and Installing CO<sub>2</sub> Capsules
5. Loading and Unloading BBs
6. Firing Safely and Aiming
7. Use and Handling of CO<sub>2</sub> Capsules
8. Maintaining Your Airgun
9. Trouble Shooting
10. Reviewing Safety
11. Repair/Service/Warranty



### 1. Learning the Parts of Your Airgun



**CAUTION:** Failure to follow the instructions and recommendations in this owner's manual may result in bodily injury including face, eye, and ear injury, blindness, or deafness.

**CAUTION:** Always point the muzzle in a safe direction. Never place your hand in front of the muzzle.



**WARNING:** BE SURE THE AIRGUN IS ALWAYS POINTED IN A SAFE DIRECTION. NEVER POINT THE AIRGUN AT ANY PET OR PERSON EVEN IF IT IS UNLOADED. ALWAYS ASSUME AND HANDLE THE AIRGUN AS IF IT WERE LOADED AND READY TO FIRE.

### 2. Operating the Safety

#### 2A. To Put the Umarex EBOS "ON SAFE"

- Locate the safety on the left side of the airgun.
- Push forward (toward "S") until no red is showing. (Illustration 2A). The safety is not "ON SAFE" unless it is pushed all the way towards the muzzle and the RED is NOT showing.

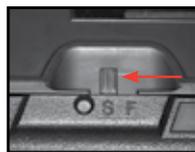


Illustration 2A

#### 2B. To Take the Umarex EBOS "OFF SAFE"

- Locate the safety on the left side of the airgun.
- Push rearward (toward "F") (Illustration 2B). When you see the RED the airgun is "OFF SAFE" and can be fired.



Illustration 2B

**CAUTION:** Like all mechanical devices, an airgun safety can fail. Even when the safety is "ON SAFE", you should continue to handle the airgun safely. NEVER point the airgun at anything you do not intend to shoot.

### 3. Removing and Installing Batteries

#### 3A. Installing New Batteries

- Put the airgun "ON SAFE" (See Step 2A).
- Open the battery cover, located on the bottom of the grip, by sliding it towards the muzzle and then pulling downward (Illustration 3).
- Insert 6 AA batteries into the battery compartment (Illustration 4).
- Close the battery cover. (Illustration 5)



Illustration 3

#### 3B. Removing Batteries

- Put the airgun "ON SAFE." (See Step 2A)
- Open the battery cover, located on the bottom of the grip, by sliding it towards the muzzle and then pulling downward (see Step 3A).
- Remove the batteries.

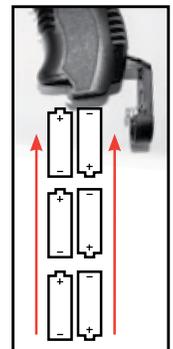


Illustration 4

**NOTE:** Do not store your airgun with batteries in it. The batteries can leak or corrode and cause damage to your airgun. Do not dispose of batteries in household waste. Please recycle.



Illustration 5



#### 4. Removing and Installing CO<sub>2</sub> Capsule

##### 4A. Installing a New CO<sub>2</sub> Capsule

- Put the airgun "ON SAFE" (See **Step 2A**).
- Remove the stock by pressing the stock release button (**Illustration 6**).
- Before installing a CO<sub>2</sub> capsule, place one drop of RWS Chamber lube on the top of the small end of the CO<sub>2</sub> capsule.
- Screw the 88g CO<sub>2</sub> capsule clockwise until it pierces the CO<sub>2</sub> capsule (**Illustration 7**).
- Put the stock back on the airgun (**Illustration 8**).
- Aim the airgun in a SAFE DIRECTION
- Take "OFF SAFE" (See **Step 2B**)
- Make sure the airgun is pointed in a safe direction. Pull the trigger to fire the airgun. **NOTE:** The airgun must have batteries installed in order to fire.
- If the airgun does not make a popping noise after pulling the trigger then either the CO<sub>2</sub> is not being discharged or the batteries are installed incorrectly, or the batteries need replaced. In that event (See **Step 9 - Trouble Shooting**)



Illustration 6



Illustration 7

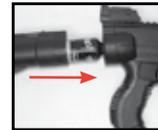


Illustration 8

**NOTE:** A slight seepage of CO<sub>2</sub> may occur until capsule is tight.

##### 4B. Removing a CO<sub>2</sub> Capsule

- Put the airgun "ON SAFE." (See **Step 2A**)
- Remove the stock by pressing the stock release button (see **Step 4A**).
- Turn the CO<sub>2</sub> capsule counterclockwise, until you hear gas start to escape, being careful not to come in contact with the escaping gas. Allow all the gas to slowly escape.
- Remove the CO<sub>2</sub> capsule.

**NOTE:** Never try to force any CO<sub>2</sub> capsule into or out of place. Do not store your airgun with a CO<sub>2</sub> capsule in it. If you know you will not be using your airgun for an extended period of time, empty the CO<sub>2</sub> capsule and remove it from the airgun. (See **Step 4B**). This is very important to remember, as it will prolong the longevity of your airgun seals.

**WARNING:** USE ONLY 88g CO<sub>2</sub> 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 CO<sub>2</sub> COULD RESULT IN AN EXPLOSION OR RUPTURE OF THE AIRGUN.

**CAUTION:** Never load the airgun until you have verified the airgun will discharge CO<sub>2</sub> properly.

**WARNING:** KEEP HANDS AND FACE AWAY FROM ESCAPING CO<sub>2</sub> GAS. IT CAN CAUSE FROSTBITE IF ALLOWED TO COME IN CONTACT WITH SKIN. ALWAYS MAKE SURE THE CO<sub>2</sub> CAPSULE IS EMPTY BEFORE ATTEMPTING TO REMOVE IT FROM THE AIRGUN BY SLOWLY TURNING THE GAS CAPSULE PUNCTURE SCREW COUNTER-CLOCKWISE ALL THE WAY UNTIL YOU NO LONGER HEAR THE ESCAPE OF CO<sub>2</sub> GAS.

#### 5. Loading and Unloading BBs

##### 5A. Loading BBs

- Point the airgun in a SAFE DIRECTION
- Put the airgun "ON SAFE" (See **Step 2A**)
- Slide the BB reservoir cover rearward (**Illustration 9**).
- Insert up to 400 BBs into the BB reservoir (**Illustration 9**).
- Locate the BB follower (**Illustration 10**) on the left side of the airgun. Push the BB follower towards the muzzle and lock it in place.
- Shake the airgun until 24 BBs load into the BB chamber and gently release the BB follower.
- Your airgun is now loaded and ready to fire only after reading the entire manual, including section 7 on reviewing safety.



Illustration 9



Illustration 10

##### 5B. Unloading BBs

- Put the airgun "ON SAFE" (See **Step 2A**)
- Remove the BBs from the BB reservoir by turning the airgun upside down to empty the reservoir.
- Empty the BB magazine.
- Aim the airgun in a SAFE DIRECTION, take it "OFF SAFE" (See **Step 2B**) and fire.
- Repeat this procedure several times until you are sure you are no longer firing BBs and the BB magazine and reservoir are empty.

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#### 5C. Removing a Jammed BB

- Make sure the airgun is "ON SAFE" (See **Step 2A**).
- Remove the CO<sub>2</sub> capsule.
- Unload all of the BBs (See **Step 5B**).
- Insert a .177 caliber ramrod into the muzzle end of the barrel and carefully push the jammed BB into the breech. The barrel could be damaged and the warranty will be void if the proper sized ramrod is not used.
- Next, point in a SAFE direction and fire the airgun.
- If you are not able to unjam your airgun by following this procedure, take no further action. Call Umarex USA (479)-646-4210 and ask for the service department.

**WARNING:** NEVER ASSUME THAT BECAUSE THE AIRGUN NO LONGER FIRES A PROJECTILE THAT A PROJECTILE IS NOT LODGED IN THE BARREL. ALWAYS TREAT THE AIRGUN AS THOUGH IT IS LOADED AND WITH THE SAME RESPECT YOU WOULD A FIREARM.

**NOTE:** The airgun must be charged with CO<sub>2</sub> when following these steps but remember, do not store your airgun with a CO<sub>2</sub> capsule in it (See **Step 4A**).

**IMPORTANT:** Firing the airgun 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.

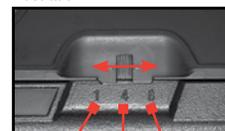
**CAUTION:** Use only .177 caliber (4,5 mm) steel BBs. Do not attempt to reuse BBs that have been fired or are deformed. Do not use buck shot, darts, ball bearings, or other foreign objects because they can cause injury to you or someone else or may damage and/or jam the airgun.

#### 6. Firing Safely and Aiming

##### 6A. Firing Safely

- You and others with you should always wear shooting glasses to protect your eyes.
- The Umarex EBOS comes with three different Fire Selections: single-fire, 4-shot burst or 8-shot burst. (**Illustration 11**)
- The Umarex EBOS also features a Rate of Fire Selector: 300, 400, or 500 shots per minute. (**Illustration 12**)
- Always aim your airgun in a SAFE DIRECTION. When you are sure of your target and backstop, and the area around the target is clear, take "OFF SAFE" (See **Step 2B**) and squeeze the trigger to fire.
- Do not shoot at hard surfaces or the surface of water. Projectiles may bounce off or ricochet and hit someone or something you had not intended to hit.
- Do not shoot at fragile surfaces such as glass or mirrors.
- Always choose your target carefully. Only targets which cannot be completely penetrated or which will not cause ricochets should be used.

Illustration 11



1-shot 4-shot 8-shot

Illustration 12



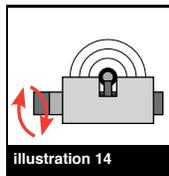
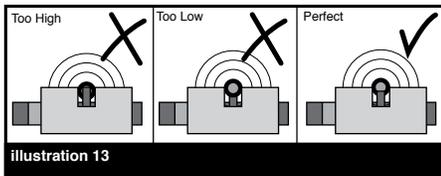
500 per minute 400 per minute 300 per minute

**NOTE:** Many factors affect airgun performance and velocity, including brand of projectile, lubrication, barrel condition and temperature.

**CAUTION:** Your backstop should be inspected for wear before and after each use. Discontinue use if the backstop surface shows signs of failure. Always place the backstop in a location that will be safe should the backstop fail. Discontinue the use of a backstop if the projectile rebounds or ricochets.

**6B. Aiming**

- You and others with you should always wear shooting glasses to protect your eyes.
- Always aim your airgun in a SAFE DIRECTION. When you are sure of your target and backstop, and the area around the target is clear, select single-fire, 4-shot burst, or 8-shot burst, and the rate of fire, take "OFF SAFE" (See Step 2B) and squeeze the trigger to fire.
- The airgun is correctly aimed when the front sight blade is positioned exactly in the notch and even with the rear sight. The top of the front sight blade should be even with the top of the notch in the rear sight. The bullseye should appear to rest on the top of the front sight (See illustration 13).
- The rear sight is adjustable for windage. If the airgun shoots too far to the right: turn the knob counterclockwise. If the airgun shoots too far to the left: turn the knob clockwise. (See illustration 14).



**7. Use and Handling of CO<sub>2</sub> Capsules**

It is possible that certain conditions may affect a CO<sub>2</sub> capsule, which can impact its proper performance. These conditions include the usage, maintenance and storage at temperatures that are higher or lower than normal outdoors temperatures (60°-80° F / 16°-27° C). Another condition may be when the gun is fired rapidly.

- High temperatures can increase pressure in the CO<sub>2</sub> capsule and also within the gun, leading to higher than standard operating pressure. This excess pressure could cause the gun to malfunction or be permanently damaged. Maximum storage or operation temperature should never exceed 122°F (50°C). This temperature can be reached if you leave the gun under direct sunlight on a bright day. Thus, to ensure proper gun operation, do not expose it to high temperatures or direct sunlight for long periods of time. Otherwise, the CO<sub>2</sub> capsule could overheat and explode, which could damage the airgun and cause injuries or death to people around it.
- Fast consecutive shooting may produce a decrease of temperature in the gun, as well as the CO<sub>2</sub> capsule. This could result in lower projectile velocities and may even lower gas pressure enough so that the pistol will not fire. This condition can be especially apparent when shooting in cold weather and can be avoided by allowing more time between shots. This permits the gas to increase in temperature and pressure and produce normal velocities.
- During rapid fire, the muzzle velocity of each shot will diminish. This can affect shooting accuracy and you will get fewer shots per CO<sub>2</sub> capsule.
- Care should be exercised to insure that the gun is not shot with a CO<sub>2</sub> capsule that is low in pressure. Here are some indicators of insufficient pressure:
  - The sound of the shot is not as loud as when the capsule is full.
  - The projectile hits the target, but in a lower position than it would with a full CO<sub>2</sub> capsule (that is, the shooting speed has dropped).

**WARNING:** CO<sub>2</sub> CAPSULES MAY EXPLODE AT TEMPERATURES ABOVE 120° F. DO NOT MUTILATE OR INCINERATE THEM. DO NOT EXPOSE THEM TO HEAT OR STORE CO<sub>2</sub> CAPSULES AT TEMPERATURES ABOVE 120°F.

**CAUTION:** Never attempt to reuse a CO<sub>2</sub> capsule for any purpose.

**CAUTION:** Always check to make sure the airgun is unloaded when getting from storage or from another person.

**8. Maintaining Your Airgun**

With care and routine inspections your airgun 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 1 to 2 drops of RWS Spring Cylinder oil onto all moving parts such as the BB follower and the trigger hinge (1000 shots).

**CAUTION:** Before any care, cleaning or maintenance, always be sure your airgun is unloaded and the CO<sub>2</sub> capsule is removed. Keep pointed in a safe direction. It is important to perform routine inspections and maintain your airgun properly.

**CAUTION:** Oils that contain acid or resin can damage the seals and possibly the airgun finish.

**WARNING:** AN AIRGUN 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 AIRGUN APART. IT IS DIFFICULT TO REASSEMBLE AND IMPROPER DISASSEMBLY OR REASSEMBLY CAN CAUSE SERIOUS INJURY OR DEATH.

**10. 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 airgun.
- 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 BB 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 CO<sub>2</sub> capsule is removed, and is "ON SAFE."
- Always store your airgun in a secure location away from unauthorized users and separate from ammunition.

**WARNING:** DO NOT BRANDISH OR DISPLAY THIS AIRGUN IN PUBLIC – IT MAY CONFUSE PEOPLE AND MAY BE A CRIME. POLICE AND OTHERS MAY THINK IT IS A FIREARM. DO NOT CHANGE THE COLORATION AND MARKINGS TO MAKE IT LOOK MORE LIKE A FIREARM. THAT IS DANGEROUS AND MAY BE A CRIME.

9. Trouble Shooting	Poor firing performance	Airgun does not function	Low velocity
CO <sub>2</sub> capsule is empty	●	●	●
CO <sub>2</sub> capsule is defective		●	
CO <sub>2</sub> capsule is not pierced		●	
Extreme temperature	●		●
Incorrect projectiles	●	●	●
Defective batteries		●	●
Batteries loaded incorrectly		●	

### 11. 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](http://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.

**CAUTION:** The components of this airgun were engineered and manufactured to deliver optimum performance. Any modification or tampering with an airgun may cause a malfunction, 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 airgun should be inspected, replaced, or properly repaired by only qualified Umarex USA personnel. Any airgun that has been dropped should be checked by qualified personnel to ensure that its function has not been affected.

### 90 DAY LIMITED WARRANTY

This product is 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

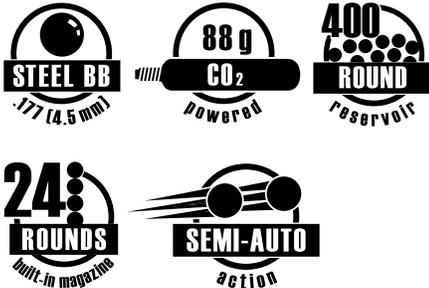
Shipping charges to Umarex USA for defective product and damages caused by abuse or failure to perform normal maintenance as well as any other expense. Consequential damages, or incidental expenses, including damage to property. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

#### WARRANTY CLAIMS

Warranty Claims and Repair for U.S. and Canadian customers only. Call Umarex USA (479)-646-4210 and ask for the Service Department. If it is determined a return is necessary, you will be issued a Return Authorization Number. Write this number boldly on the box and return the product prepaid to Umarex USA. Your name, address, phone number and a note explaining the defect found must be included in the package. A copy of the original purchase receipt must accompany the return. U.S. Customers, include a check made to Umarex USA in the amount of \$14.95 to cover shipping and handling.

#### IMPLIED WARRANTIES

Any implied warranties, including the implied warranties of merchantability and fitness for a particular purpose, are limited in duration to 90 days from date of retail purchase. SOME STATES 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.



### UMAREX EBOS SPECIFICATIONS

System:	CO <sub>2</sub> airgun
Caliber/Ammo:	.177 cal. (4.5 mm) BB
Velocity:	540 FPS
Barrel length:	9.75"
Length:	24.75"
Weight:	2.95 lbs.
Reservoir capacity:	400 BBs
Magazine capacity:	24 BBs
Dangerous distance:	375 yds

### CARACTÉRISTIQUES DU UMAREX EBOS

Système:	CO <sub>2</sub> pistolet à air
Calibre/Projectiles:	cal. 0,177 (4,5 mm) BB
Vélocité:	165 m/s
Longueur du Canon:	9,75" (25 cm)
Longueur:	24,75" (63 cm)
Poids:	2,95 livres
Capacité du réservoir:	400 coups
Chargeur du Capacité:	24 coups
Distance Dangereuse:	375 verges

**UMAREXUSA**

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