

HUNTING MASTER  
**OWNER'S** MANUAL

**TECHNICAL INFORMATION  
OWNER's MANUNAL**

**HUNTING MASTER AR**

**HUNTING MASTER 3**

**HUNTING MASTER 12  
(AIR PISTOL & SMALL CARBINE)**

**Congratulations!** You have purchased one of the finest, most powerful air guns available in the world. These air guns are carefully designed and constructed to provide years of dependable service and enjoyment. To get the most from your investment, it is important to take a few moments to read this manual to familiarize yourself with all of the performance and safety features that are present in these air guns. As with any gun, safe handling and shooting of these air guns should be of the utmost importance. Treat this and any guns as if it were loaded at all times. NEVER point the muzzle towards anything at any time that you do not intend to shoot.

**⚠ WARNING:** Not a toy. Adult supervision required. Misuse or careless use may cause serious injury or death. **HUNTING MASTER** may be dangerous up to **1000** yards

This air gun is not a toy, and is intended for adult use only. Any other use by individuals under the age of 18 should be under strict adult supervision. All shooting participants should wear safety shooting glasses at all times. Pellets shot from these air guns can ricochet off hard surfaces or even water and hit someone or something you had not intended to hit. Careless handling of these air guns could result in serious bodily injury or death. Follow the same precautions that you would use with any firearm. Always carefully follow the safety instructions found in this owner's manual and keep this manual in a safe place for future use.

**THIS AIRGUN IS INTENDED FOR USE BY THOSE 18 YEARS OF AGE OR OLDER.**

## SPECIFICATIONS

	<b>Hunting Master AR5~AR6</b>	<b>Hunting Master 2~3</b>	<b>Hunting Master 12-T</b>	<b>Hunting Master 12-0</b>
Length	1065mm	1065mm	440 ~750mm	390mm
Weight	3.4kg	3.4kg	1.4kg~2.0kg	1.4kg
Barrel	610mm	610mm	300mm	240mm
Magazine Capacity	6 shot	6 shot	6 shot	6 shot
Caliber	4.5, 5.0, 5.5mm	4.5, 5.0, 5.5mm	4.5, 5.0, 5.5mm	4.5, 5.0, 5.5mm
High Power (5.0, 5.5mm)	More than 60 joules	More than 60 joules	More than 45 joules	More than 45 joules
4.5mm	More than 40 joules	More than 40 joules	More than 40 joules	More than 40 joules
Shot/charge	25 shots	25 shots	7 shots	7 shots

## Brief Technical information

	Hunting Master AR5~AR6	Hunting Master 2~3	Hunting Master 12-T	Hunting Master 12-0
Precharged pneumatic	○	○	○	○
6 shot rotary revolver magazine	○	○	○	○
6 shot rotary revolver magazine	○	○	○	○
Internal pressure gauge	○	○	X	X
Probe fitting quick charge system	○	○	○	○
Height adjustable buttpad	○	Available	○	X
Recoil buttpad	Available	○	Available	X
Very high rate of fire	○	○	○	○
Very Nice walnut stock	Available	Available	Available	Available
Two piece stock	X	X	○	X
Thumbhole stock	Available	X	X	X

## **FEATURES**

1. These air guns can produce a very high rate of fire because of its six-shot revolver type magazine.
2. The overall finish of the metal action of the gun, the stock, the machine of its internal parts and assembly are made to take the rigors of hunting in the field or those backyard hunts.
3. The highest power output is one of the best among any commercially built pre-charged air guns in its class.
4. This six-shot repeating rifle can be fired in single action.

## **SAFETIES**

Safety First! Every time you pick up your air gun, you should perform an inspection. Be sure to clear the air gun of pellets. DO NOT pull the trigger until the air gun has been cleared. Inspect the cylinder to ensure that it is empty and that no pellets are in loading port and/or chamber.

The Hunting Master AR5, 3and 12 are all fitted with manual safety mechanism. The safety is the silver colored lever located on the right side of the receiver (see Figure 2). To engage the safety (i.e.-to prevent discharge), pull the lever back to the rearmost position indicated by the letter "S". To disengage the safety (i.e.-to allow discharge), push the safety forward to the position indicated by the letter "F".

All charging, loading, and transporting of the air gun should only be performed with this safety lever engaged in the "S" safe position.

.



**Figure 2.**

## **CHARGING**

The Hunting Master series of air guns must be charged with air at high pressure. This may be accomplished with either a scuba tank, ARS hand pump or compressor. While the prefilled scuba tank is the fastest and easiest way to fill the gun's reservoir, many shooters prefer the portability and independence provided by the hand pump. The filler hose and probe must be first connected to a scuba yoke to allow charging with a tank.

### **To charge with a scuba tank:**

- 1) Make sure the gun is unloaded by removing the magazine.
- 2) Engage the safety into the safe position.
- 3) Connect the yoke and hose assembly to the tank.
- 4) Orient the dust cap at the muzzle end to the reservoir to expose the fill hole.
- 5) Insert the probe into the fill hole until firmly seated. No threading is required, but sometimes using a slight twisting motion while inserting the probe will help.
- 6) Make sure the bleed nut on the yoke is tightened down to prevent air escape.
- 7) Slowly open the valve on the tank, allowing the high-pressure air to equalize into the reservoir. Once no further air seems to be flowing into the gun (either

done by listening to or observing the built in pressure gauge), the valve on the tank is closed off. **Do not exceed charge of greater than 3000 psi (204 bar).**

- 8) The yoke bleed nut is then loosened to allow the excess air to escape. The filler probe may now be removed and the dust cap twisted to protect the fill hole from dust and dirt.
- 9) The gun is now charged. Note the position of the level indicator on the reservoir's pressure gauge to familiarize yourself with the gun's typical full mark (AR6 pistol has no pressure gauge).
- 10) Experience with either the pressure gauge and/or the shot velocity will tell the shooter when it is time to recharge the gun. Typically, the Hunting Master will fire four magazine loads of six shots each before it becomes necessary to recharge with air.

**CAUTION:** High-pressure air can be dangerous if handled carelessly. The discharge of air from any of these air guns, even without a projectile, can be extremely hazardous. Never discharge or dry fire a charged air gun in any direction as the escaping air can cause serious injury.



## To charge with a hand pump:

- 1) Make sure the gun is unloaded by removing the magazine.
- 2) Engage the safety into the safe position.
- 3) Connect the hose to the base of the hand pump.
- 4) Orient the dust cap at the muzzle end of the reservoir to expose the fill hole.
- 5) Insert the fill probe into the fill hole until firmly seated. No threading is required, but sometimes using a slight twisting motion while inserting the probe will help.
- 6) Make sure the bleed nut on pump is tightened down to prevent air escape.
- 7) Grasp the pump handles firmly with both hands while standing on the footpads of the pump. Using steady strokes, work the handles up and down fully to charge the gun's reservoir. Continue to pump until the reservoir gauge shows a full charge. Do not exceed a charge of greater than 3000 psi (204 bar on European gauge).
- 8) Loosen the pump's bleeder valve to allow the excess air to escape. The fill probe may now be removed and the dust cap twisted to protect the fill hole from dirt and dust.
- 9) The gun is now charged. Note the position of the level indicator on the reservoir's pressure gauge to familiarize yourself with a typical full charge when using the hand pump (AR6 pistol has no pressure gauge).



**Use only compressed air in this airgun.** Use no other gases—including oxygen, which can cause a fire or explosion that may result in serious injury or death.

**Disconnecting the fill hose from the airgun without bleeding the air first may result in injury** from hose whip as a result of pressure in the fill hose.

**Do not attempt to repair the airgun or to disassemble to correct an over fill or valve lock.** Parts can fly from the airgun at dangerous speeds when it is disassembled while pressurized.

## **LOADING**

To load any Hunting Master series of air gun, the cylinder magazine must first be removed from the gun. Loading is by following these steps:

- 1) Hold the rifle or pistol in your left hand with the muzzle pointing in a safe direction. Make sure the hammer is in the lowered, uncocked position with the hammer safety on and with the primary trigger safety in the safe "S" position.
- 2) Grasp the magazine firmly between your right thumb and index finger. Push the magazine straight out to the right to clear the receiver using the force of your thumb (see Figure 3).
- 3) Place six appropriate caliber pellets skirt first into the front of the cylinder magazine. The front of the magazine is noted as the fluted end of the cylinder (see Figure 4)
- 4) The pellets must be pushed back so that the heads are flush with the front cylinder face. For loading the Hunting Master R/S, please consult the special instructions below.
- 5) Once loaded, the magazine is reinserted into the receiver from the right side until it clicks positively back into position. Indexing is automatic and requires no further alignment. The gun is now ready for firing six repeat shots.



**Figure 3**



**Figure 4**

## **FIRING**

The Hunting Master series of air guns may be fired in one of two ways which

involve single or double action firing:

## **SINGLE ACTION**

**The air gun will fire single action by:**

- a) Pushing the primary safety to "F" for fire.
- b) Pulling the hammer block safety to the up position.
- c) Manually cocking back the hammer to full cock.
- d) Making sure of the target and pulling trigger.

## **MAINTENANCE**

The Hunting Master air guns require minimum effort to maintain. The gun's external metalwork should be wiped down with a rust inhibiting oil after use to preserve the bluing. The stock should be treated occasionally with a good quality stock wax to preserve its luster.

Internally, the valves should require no lubrication, except for a drop or two of pneumatic gun oil placed in the inlet fill hole every 500 shots or so. The O rings on the filler probe should be periodically lightly treated with a silicone grease (available from scuba shops) to prevent being cut or damaged by the filler hole and to facilitate charging.

It is also a good idea to check the tightness of the stock screws (and scope screws if used) every 500 shots or so. The screws are not as likely to loosen as on a spring piston guns, but nevertheless will affect accuracy if they do become loose.

## **STORAGE**

These air guns must be stored with some charge of air in the reservoir. However,

it is recommended that the magazine be removed from the gun to ensure that the gun is unloaded and safety is engaged.

## **TROUBLESHOOTING**

### **Magazine does not advance when trigger is pulled:**

- a) Reservoir empty - charge reservoir
- b) Primary safety on push safety to "F"
- c) Magazine improperly installed. Remove magazine and reinstall.

### **Hammer cannot be cocked back:**

- a) Primary safety on push safety to "F"

### **Hammer falls but gun does not fire:**

- a) Reservoir empty charge reservoir
- b) Secondary hammer safety on disengage hammer safety
- c) Magazine empty - fill magazine with pellets

### **Air escapes from barrel while charging:**

- a) Reservoir empty cock hammer & recharge

### **Inaccuracy:**

- a) Inferior grade of pellets - use higher quality pellets
- b) Loose stock screws - tighten stock screws
- c) Loose scope mount screws - tighten mount screws
- d) Leaded or dirty barrel - clean lead from barrel
- e) Low reservoir pressure - recharge reservoir

## **LIMITED ONE YEAR WARRANTY**

This product is warranted to the retail consumer for one year from date of retail purchase against defects in material and workmanship and is transferable. To

register the serial number, located on the barrel of your gun, please return the Product Registration form found in your owner's manual packet. The warranty is not conditioned on the return of the card.

### **WHAT IS COVERED**

- Replacement parts and labor
- Transportation charges to consumer for repaired product.

### **WHAT IS NOT COVERED**

Transportation charges to Air Venturi or an Authorized Service Station for defective product. Damages caused by abuse or failure to perform normal maintenance. Any other expense. CONSEQUENTIAL DAMAGES, INCIDENTAL 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**

Attach your name, address, and description of problem, phone number and copy of sales receipt to product. Package and return to an Authorized Service Station or below contacts.

**Air Venturi**

**18370 South Miles road**

**Warrensville Heights, OH 44128**

**216-220-1180**

### **REPAIR SERVICE**

If your air gun needs repair, we recommend that you take or send it to an Authorized Service Station. International customers should contact their distributors. DO NOT ATTEMPT TO DISASSEMBLE IT! Your air pistol requires special tools and fixtures to repair it. If you take it apart, you probably will not be able to reassemble it correctly.

**Air Venturi**

**18370 South Miles road**

**Warrensville Heights, OH 44128**

**216-220-1180**