

# HUBEN K1

## Pre-charged Pneumatic Air Rifle Owner's Manual



5135 Naiman Parkway, Cleveland, OH 44139 | 216-220-1180

Record the serial number of your airgun.....

**READ THIS MANUAL AND THE WARNINGS AND SAFETY  
PROCEDURES PRIOR TO HANDLING THIS PRODUCT.**

**! WARNING:** NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. MAY BE DANGEROUS UP TO 1000 YARDS (915 METERS).

**! WARNING:** THIS IS A HIGH POWERED AIRGUN INTENDED FOR USE BY THOSE 18 YEARS OF AGE OR OLDER. READ ALL INSTRUCTIONS BEFORE USING. BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS ABOUT THE USE AND OWNERSHIP OF THIS AIRGUN.

**! WARNING:** USE ONLY COMPRESSED AIR OR NITROGEN. USE NO OTHER GAS - INCLUDING OXYGEN, WHICH CAN CAUSE A FIRE OR EXPLOSION THAT MAY RESULT IN SERIOUS INJURY OR DEATH.

**CAUTION:** YOU AND OTHERS WITH YOU SHOULD ALWAYS WEAR SHOOTING GLASSES TO PROTECT YOUR EYES.

**CAUTION:** ALWAYS USE THE CORRECT CALIBER AMMUNITION THAT IS SUITABLE FOR THE AIRGUN. USE ONLY AMMUNITION DESIGNED FOR THIS AIRGUN.

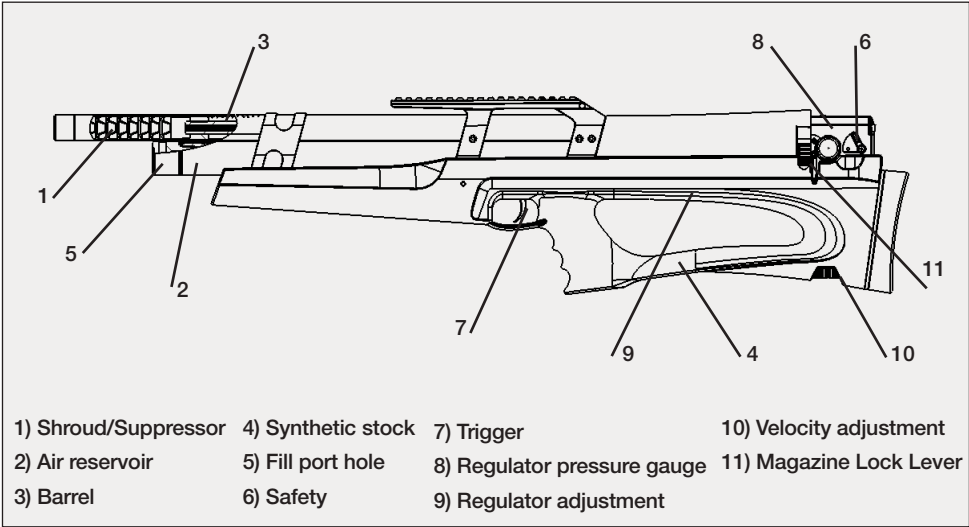
## SAFETY RULES

- **NEVER** point the airgun at any person.
- **NEVER** point the airgun at anything you do not intend to shoot.
- **ALWAYS** treat the airgun as if it was loaded and handle it with the same respect you would a firearm.
- **ALWAYS** aim in a SAFE DIRECTION. **ALWAYS** keep the muzzle pointed in a SAFE DIRECTION.
- **NEVER** put any part of your hand over the muzzle.
- **ALWAYS** keep the airgun ON “SAFE” until you are ready to shoot in a SAFE DIRECTION.
- Check behind and beyond your target to be certain you have a safe backstop and that no person or property can be endangered.
- Place the backstop in a location that will be safe should the backstop fail.
- Replace the backstop if it becomes worn.
- **ALWAYS** be sure of your target and what lies beyond it in case you miss.
- **NEVER** shoot at hard surfaces, water or anything else that may cause a ricochet.
- This airgun may only be used where your local laws permit or at shooting ranges allowed by the law, and only if the ammunition does not travel further than the shooting area. Keep in mind the maximum range of the ammunition. **ALWAYS** abide by laws and regulations that apply to airguns.
- **ALWAYS** check to see if the airgun is ON “SAFE” and unloaded when getting it from another person or from storage.
- **ALWAYS** keep your finger off the trigger and away from the trigger guard until ready to shoot.
- You and others with you should **ALWAYS** wear safety shooting glasses to protect your eyes.
- If your reading or prescription glasses are not certified safety glasses, make sure you wear shooting glasses over your regular glasses.
- The shooter and everyone in the vicinity should wear hearing protection when shooting **and** filling guns with high-pressure air.
- **NEVER** load your gun until you’re ready to shoot and it’s safe to do so.
- **ALWAYS** use the correct caliber ammunition that is suitable for the airgun. Use **ONLY** ammunition designed for this airgun.
- **NEVER** reuse ammunition.
- **ALWAYS** store the airgun with the safety ON “SAFE” , unloaded, uncocked, separated from the ammunition, out of the reach of children, and in a secure location to prevent unauthorized people from accessing it.
- **DO NOT** attempt to disassemble or tamper with the airgun.
- **DO NOT** put the airgun away loaded. **It is, however recommended that you store your airgun with at least 1,000 psi of high-pressure air.**
- **ALWAYS** store this airgun in a safe location.
- **ALWAYS** store ammunition separately from the gun.
- **NEVER** leave the airgun loaded if it is out of your reach.
- **ALWAYS** unload the airgun before giving it to someone else.
- **ALWAYS** read and follow the manufacturer’s manual and instructions.
- **NEVER** let a person who has not completely read this manual use this product.

**READ THIS MANUAL AND THE WARNINGS AND SAFETY  
PROCEDURES PRIOR TO HANDLING THIS PRODUCT.**

**BASIC COMPONENT INSTRUCTION**

**FIG. 1 BASIC COMPONENTS**



MODEL	K1
BARREL	23.6" (600mm)
CALIBER	.22 (5.5mm)
VELOCITY	ADJUSTABLE
SAFETY	MANUAL
WORKING PRESSURE	5000 PSI (350 BAR)
AIR CAPACITY	292cc
REGULATOR PRESSURE	ADJUSTABLE
MAGAZINE	AUTO INDEXING, 19 ROUNDS
SHROUDED	INTEGRATED SUPPRESSOR WITH VENT HOLES 23.6" (600mm)
VELOCITY ADJUSTMENT RANGE	300 FPS – 1200 FPS* <i>*WILL VARY WITH DIFFERENT WEIGHT PELLETS</i>
SCOPE MOUNTING RAIL	PICATINNY RAIL W/ INTEGRATED BUBBLE LEVEL
STOCK	BLACK, SYNTHETIC
DIMENSION (LxWxH)	32.4" X 7.4" X 1.9" (825mm X 188mm X 50mm)
NET WEIGHT	7.35 lbs
ACCESSORIES	FILL ADAPTER, REPLACEMENT O-RINGS, OWNER'S MANUAL



## **WARNING:**

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



## **WARNING:**

**KEEP THE AIRGUN ON SAFE UNTIL YOU ARE READY TO SHOOT, THEN PUSH THE SAFETY OFF.**

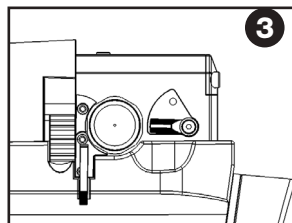
**NOTE:** ALWAYS think about safety first. Take your time. If you are uncertain on how to proceed, stop and contact Air Venturi for assistance. Air Venturi Service line: 216-220-1180

**TIP:** *to become familiar with the safety, practice putting it on and off several times while the gun is unloaded.*

## **OPERATING THE SAFETY**

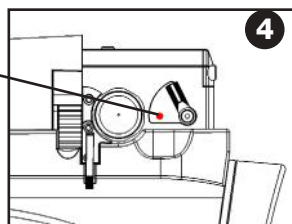
### **Putting the rifle on “SAFE” (FIG.3)**

- 1) On the left hand side of the breech, you will find the safety switch. To engage the safety, push it into the down position so the red dot is covered.
- 2) Once the red dot is covered, the rifle is on “SAFE”



### **Taking the rifle off “SAFE” (FIG.4)**

- 1) Once you are ready to fire, push the safety switch upward until it cannot move further and the red dot is exposed.
- 2) When the red dot is showing, the rifle is ready to fire and NOT on “SAFE”



*Illustrations and photographs are for information purposes only and may not show the exact model purchased.*

**! WARNING:** FILL YOUR PCP AIRGUN USING COMPRESSED AIR OR NITROGEN GAS ONLY. USE OF OTHER GASES, INCLUDING OXYGEN, CAN CAUSE A FIRE OR EXPLOSION THAT MAY RESULT IN PROPERTY DAMAGE, SERIOUS INJURY OR DEATH.

**! WARNING:** DO NOT FILL AIRGUN WITH OXYGEN OR ANY GAS OTHER THAN COMPRESSED AIR OR NITROGEN GAS! FILLING WITH ANYTHING OTHER THAN AIR IS DANGEROUS AND WILL VOID YOUR WARRANTY.

**! WARNING:** DO NOT EXCEED MAXIMUM FILL PRESSURE OF 350 BAR/5,000 psi AT ROOM TEMPERATURE!

**! WARNING:** DISCONNECTING THE FILL HOSE FROM THE AIRGUN WITHOUT FIRST BLEEDING THE AIR MAY RESULT IN INJURY FROM HOSE WHIP DUE TO PRESSURE IN THE FILL HOSE.

**! DANGER:** DANGER OF EXPLOSION!  
OVERFILLED COMPRESSED AIR CYLINDER

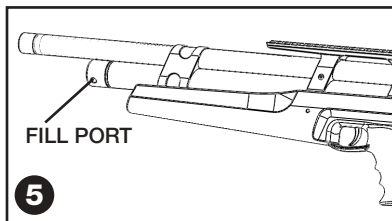
Do not exceed maximum fill pressure of 350 BAR/5,000 psi at room temperature!



## FILLING THE RIFLE

The Huben K1 uses a fill probe with a male quick disconnect fitting to fill. Attach the fill probe to a female quick disconnect coupler on your charging equipment. The Huben K1 does not have a gauge that tracks fill pressure, you must have a gauge on your charging set up in order to properly monitor the pressure you are filling the gun to.

- 1) Before filling the rifle ensure the magazine is unloaded.
- 2) Make sure both fill adapter and the fill port are clean, and then insert fill probe into fill port (See FIG. 5 to insert fill adapter).
- 3) Fill the rifle with no more than 5000 psi (350 BAR/35 MPa) of high pressure air or nitrogen.
- 4) After filling the rifle, open the bleed valve on the charging equipment to release the pressure in the hose.
- 5) Once the pressure is released, remove the fill probe from the fill port.



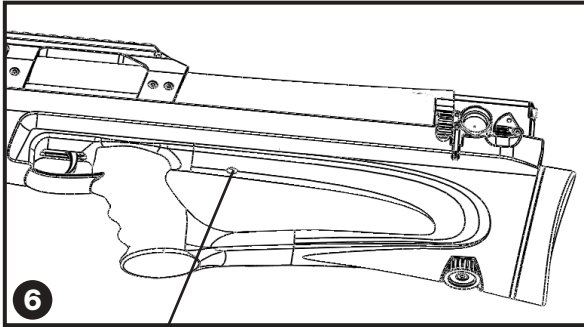
*Note: It is best to store the rifle with air in the reservoir.*

## REGULATOR AND VELOCITY ADJUSTMENT

The velocity adjustment should match the regulator pressure setting or it will lead to unusual leakage and cocking failure. The regulator pressure should be set between 15 – 18 MPa for best performance. You will then need to make fine adjustments to the velocity adjuster to achieve your desired output energy.

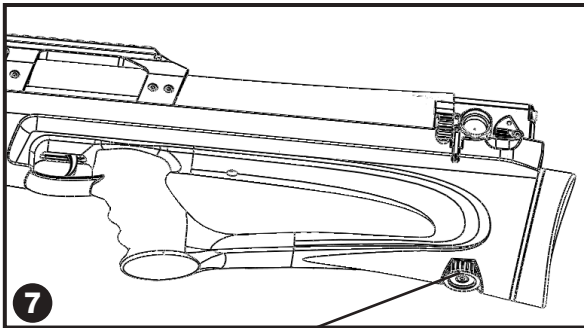
If using heavy or long pellets, be sure you do not set the velocity adjustment too low so that the pellets do not fire.

### REGULATOR ADJUSTMENT



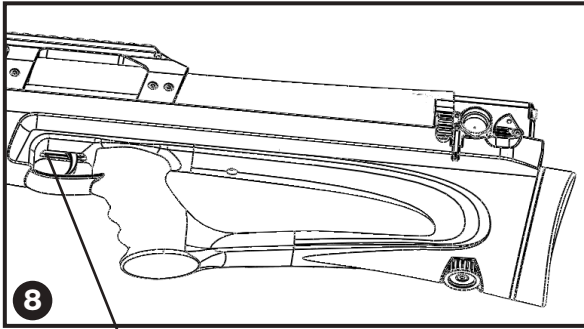
*Note the location of the regulator adjustment screw (FIG. 6). The pressure increases when turned clockwise and decreases when turned counter-clockwise.*

### VELOCITY ADJUSTMENT



*Note the location of the velocity adjustment (FIG. 7). The velocity will decrease when turned clockwise and increase when turned counter-clockwise.*

## TRIGGER ADJUSTMENT



*Adjust the take-up of the trigger via the Allen screw in front of the trigger blade. Turn clockwise to increase take-up and counter-clockwise to decrease the take-up.*

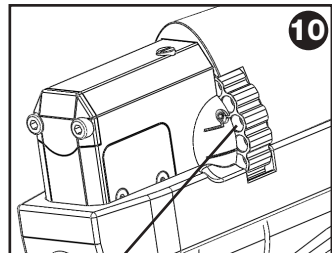
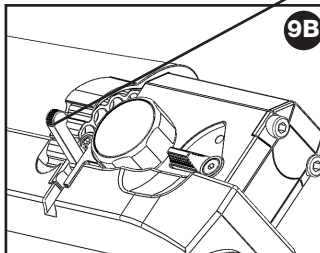
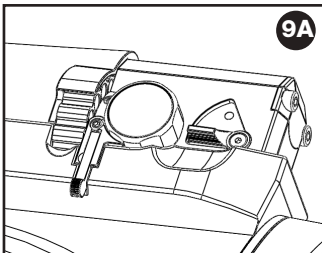
## LOADING PELLETS

**⚠ WARNING:** DO NOT INHALE DUST FROM LEAD PROJECTILES OR PUT THEM IN YOUR MOUTH. WASH HANDS AFTER HANDLING LEAD. SOME PELLETS MAY CONTAIN LEAD, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS. (OR OTHER REPRODUCTIVE HARM).

**⚠ WARNING:** USE THE CORRECT AMMUNITION SIZE FOR YOUR AIR RIFLE MODEL. NEVER REUSE AMMUNITION. THE USE OF ANY OTHER KIND OF AMMUNITION MAY CAUSE INJURY TO YOU OR DAMAGE TO YOUR AIRGUN.

**CAUTION:** ALWAYS POINT THE AIRGUN IN A SAFE DIRECTION.

1) In order to rotate the magazine, lift up (FIG. 9A) on the magazine lock lever (FIG. 9B) until it stops. Now you will be able to rotate the magazine clockwise.



2) Load one pellet at a time by pressing the pellet into the appropriate chamber. Once the pellet is in the chamber and the skirt is flush with the rear of the magazine, rotate the magazine clockwise (FIG. 10) and repeat until all 19 chambers are full.



## TROUBLESHOOTING

### 1. Stuck Pellet:

- May cause unusual leakage, cocking failure, magazine stopped and the safety can't be engaged. In general, the magazine can get stuck by oversized or deformed pellets.

#### Solution:

- Adjust the working pressure to zero.
  - Put the cleaning rod into the barrel push the pellets back into the magazine until the magazine can rotate and return back to its original position. Take care in how much force is used when pushing the pellet back into the magazine so you do not damage the magazine or magazine o-ring.
- 

### 2. Improper Regulator Pressure and Velocity Setting:

- May cause unusual leakage, sometimes cocking failure and the safety can't be engaged.

#### Solution:

- If the safety can be engaged, the regulator pressure is likely too low or the velocity adjustment is set too high. Increase the regulator pressure or decrease the velocity adjustment.
  - If you cannot engage the safety, lower the regulator pressure until you can move the safety lever into the engaged (ON) position.
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### 3. Pellet does not exit the magazine when fired:

- If the pellet fails to come out from the chamber after firing, the velocity adjustment may be set too low. Increase the velocity and try shooting again.

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### 4. Accuracy Issues:

- In general, this is caused by two things. Either a pellet that does not match up well with the barrel or a dirty barrel. It is important to try a wide variety of pellets. If you have tried multiple pellets, clean your barrel and retest.

**FOR ANY OTHER ISSUES OR PROBLEMS, PLEASE CONTACT AIR  
VENTURI BY CALLING 216-220-1180.**

**DO NOT** disassemble, tamper with or attempt to repair or modify your airgun. Doing so may void your warranty and may result in injury. Contact Air Venturi at 216-220-1180 for repair.

In the unlikely event your airgun malfunctions or exhibits reduced performance, **DO NOT** attempt to fix the problem yourself. Call Air Venturi at 216-220-1180 - so we can address any issues or have you return your airgun for repair.

## WARRANTY

Your Huben K1 airgun is manufactured to the highest standards, using quality materials to give a lifetime of service. In the unlikely event there are any defects in materials or workmanship in the first twelve (12) months after retail purchase, we will repair or replace your airgun under warranty. Keep your original purchase receipt to obtain warranty repairs.

What is covered: Replacement parts and labor. Transportation charges to consumer for return of repaired product.

- The warranty will be invalid if:
- The airgun has been disassembled and incorrectly reassembled.
- The airgun is found to have lubrication not recommended by Air Venturi.
- The airgun has been fitted with non-Air Venturi parts.
- The airgun has been misused or abused.
- The warranty card was not returned within 30 days of retail purchase and/or the original purchase receipt cannot be presented.

The warranty does **NOT** cover:

- O-rings, screws, seals, springs or stocks.
- Any damages or faults caused by owner misuse or action.
- Shipment damage of the airgun to or from Air Venturi.
- Transportation charges to Air Venturi for defective products.
- Damages caused by abuse or failure to perform normal maintenance.
- Parts subject to normal wear and tear.
- Consequential damages, incidental damages or incidental expenses including damage to property.
- Any other expense.

Note: 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.

This warranty is in addition to your statutory rights. To register your warranty, the card below must be completed and returned to Air Venturi within 30 days of purchase. Retain your sales receipt as proof of purchase.

Warranty claims: Warranty claims for U.S. and Canadian Customers: Warranty card must be completed and mailed to Air Venturi within 30 days of purchase. Call Air Venturi at 216-220-1180 before returning any product.

Implied warranties: Any implied warranties, including the implied warranties of merchantability and fitness for a particular purpose, are limited in duration to one year from date of retail purchase.

Note: Some states do not allow limitations on how long an implied warranty lasts, so the above limitation 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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