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VEVOR DQT-3JH

VEVOR High Pressure Hand Pump 3-Stage Airgun PCP Filling Stirrup Pump (30MPA) User Manual

MODEL: DQT-3JH

Brand: VEVOR

1. Introduction

Thank you for choosing the VEVOR High Pressure Hand Pump. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your 3-stage airgun PCP filling stirrup pump. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

WARNING: This device operates under high pressure. Failure to follow safety instructions can result in serious injury or property damage.

- Always wear appropriate eye protection when operating the pump.
- Ensure all connections are secure before pressurizing.
- Do not exceed the maximum pressure rating of the pump (4500 PSI / 30 MPa) or the device being inflated.
- Keep hands and fingers clear of moving parts during operation.
- Do not modify the pump or its components. Use only original replacement parts.
- Keep out of reach of children.
- Avoid prolonged pumping without breaks to prevent overheating.

3. Package Contents

- 1 x Stirrup Pump 4500 psi (0-30 MPa)
- 1 x Set of O-rings, Complete Accessories and Tools
- 1 x Operation Instruction



Figure 1: VEVOR High Pressure Hand Pump with included accessories, including various nozzles, wrenches, Allen key, O-rings, and

lubricant.



Figure 2: Detailed view of the versatile accessories included with the pump, such as a multipurpose wrench, quick seat seal ring, test plug, 1/8 BSP internal screw inflatable adapter, American tire valve adapter, pressure relief screw, balloon nozzle, float inflator nozzle, balloon needle for balls, and Allen key.

4. Setup and Assembly

Follow these steps to assemble your VEVOR High Pressure Hand Pump:

1. Attach the handle to the top of the pump shaft.
2. Secure the base to the bottom of the pump cylinder using the provided tools.
3. Connect the high-pressure hose to the pump's outlet. Ensure a tight seal.
4. If necessary, install the appropriate adapter or nozzle for your specific inflation task.

Video: How to Install an Airgun Pump - Early Part

▶ **Watch video online**
How to Install an Airgun Pump - Early part

This video demonstrates the initial steps for installing and assembling the airgun pump, including attaching the handle and base components.

Video: How to Install an Airgun Pump - Later Part

▶ **Watch video online**
How to Install an Airgun Pump - Later part

This video continues the installation process, showing how to connect the high-pressure hose and other final assembly steps.

5. Operating Instructions

The VEVOR High Pressure Hand Pump is designed for efficient and labor-saving inflation of various high-pressure items.

1. Place the pump on a stable, flat surface and firmly step on the base.
2. Connect the pump hose securely to the item you wish to inflate.
3. Begin pumping with smooth, consistent strokes. The 3-stage design reduces effort compared to traditional pumps.
4. Monitor the pressure gauge (Figure 4) to ensure you do not exceed the recommended pressure for your item. The gauge provides accurate readings up to 4500 PSI (30 MPa).
5. Once the desired pressure is reached, stop pumping and disconnect the hose.



Figure 3: Proper operation of the VEVOR High Pressure Hand Pump, demonstrating how to use it to fill an air rifle.



Figure 4: Illustration highlighting the 3-stage design, which makes the VEVOR pump 30% more efficient than traditional pumps, delivering a larger air volume per stroke.

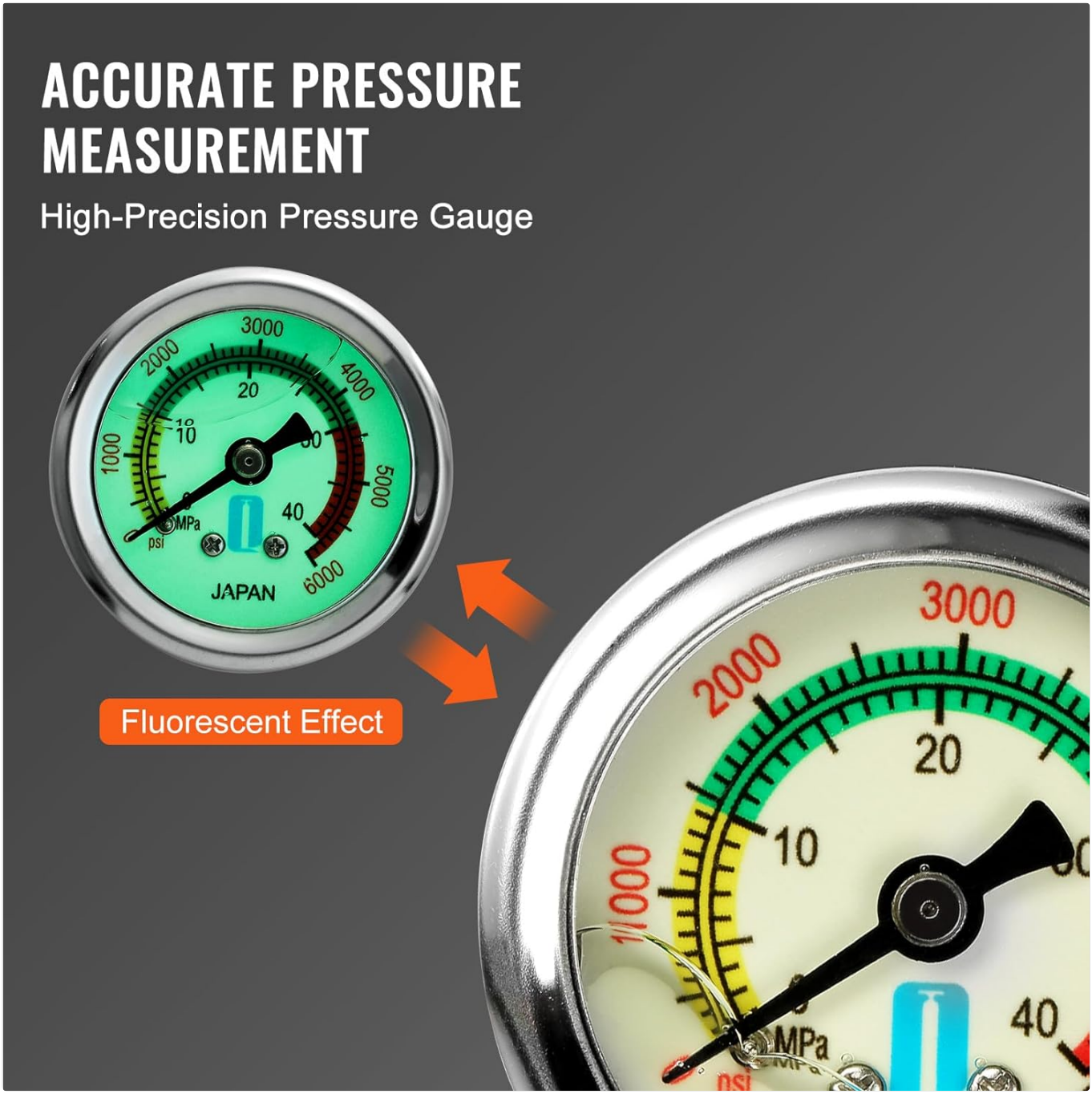

Figure 5: A detailed view of the high-precision pressure gauge, which features a fluorescent effect for easy monitoring of pressure levels up to 4500 PSI (30 MPa).



Figure 6: Examples of items that can be easily inflated with this pump, including air rifles, balls, scuba cylinders, tires, pneumatic boats, and life buoys.

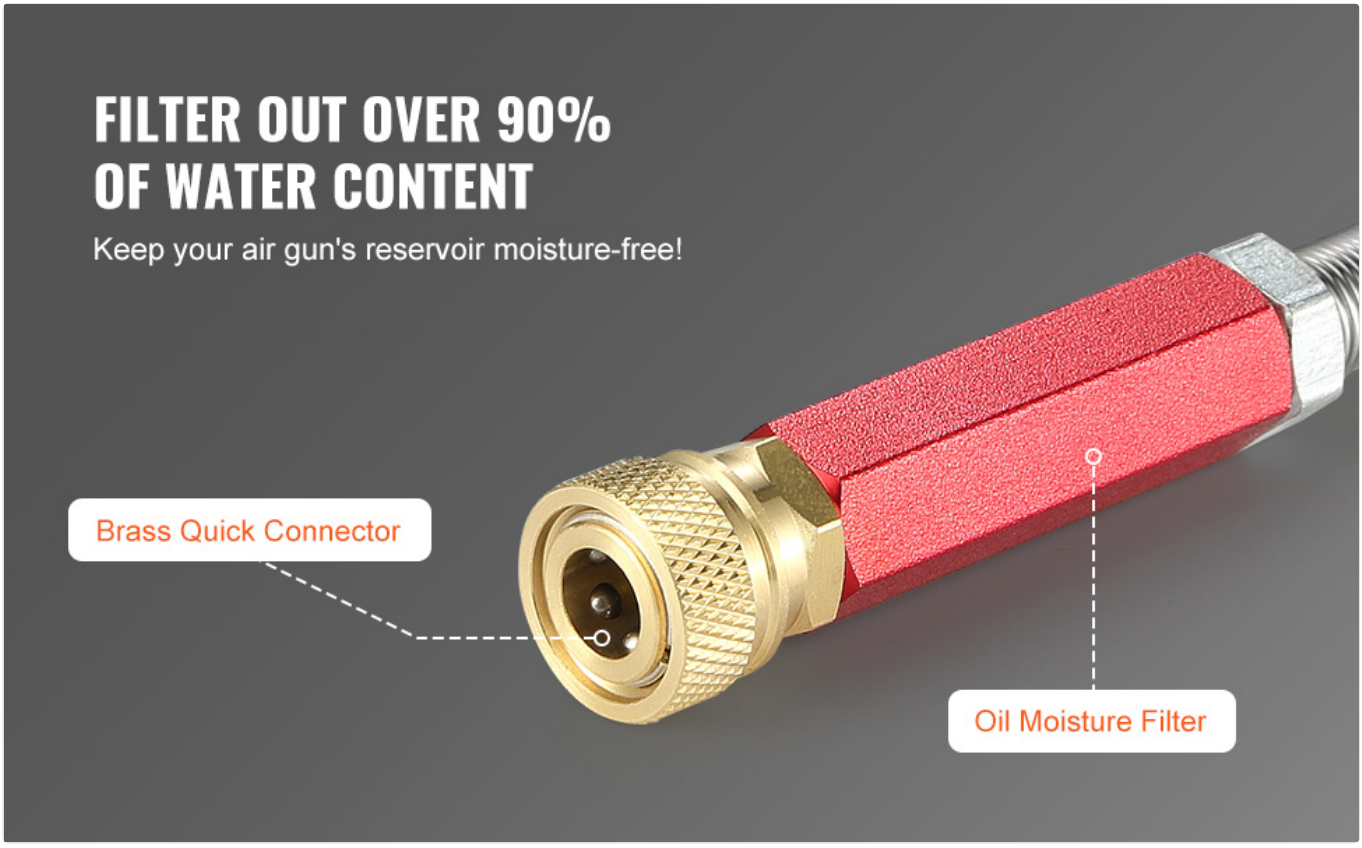

Figure 7: The integrated oil moisture filter and brass quick connector, designed to keep your airgun's reservoir moisture-free and ensure easy, secure connections.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your pump.

- **Lubrication:** Periodically apply the provided lubricant to the pump shaft and internal components as instructed.
- **O-Ring Replacement:** The pump comes with a set of spare O-rings. Replace worn or damaged O-rings promptly to maintain a proper seal and prevent air leaks.
- **Moisture Filter:** The built-in oil-water separator helps remove moisture. Regularly check and replace the desiccant filter material to ensure effective moisture removal.
- **Cleaning:** Keep the exterior of the pump clean and free from dirt and debris.

Video: How to Disassemble

▶ **Watch video online**

How to disassemble

This video provides a step-by-step guide on how to safely disassemble the pump for cleaning, lubrication, and replacement of internal components like O-rings.

7. Troubleshooting

If you encounter issues with your pump, refer to the following common problems and solutions:

- **Pressure Loss:** If the pressure gauge drops slowly after pumping, check all connections for tightness. Inspect O-rings for wear or damage and replace if necessary. Ensure the pressure relief screw is fully closed.
- **Difficulty Pumping:** Ensure the pump is adequately lubricated. Check for any obstructions in the air path.
- **No Pressure Build-up:** Verify that all internal seals and O-rings are correctly installed and not damaged. Refer to the disassembly video for inspection.

Video: How to Do Fault Detection

▶ **Watch video online**
How to do fault detection

This video guides you through the process of identifying common faults and issues with the pump, helping you diagnose and resolve problems effectively.

8. Specifications

Feature	Specification
Model Number	DQT-3JH
Brand	VEVOR
Material	Stainless Steel
Item Weight	6 Pounds (2.7 kg)
Product Dimensions (L x W x H)	10"L x 5.2"W x 24.7"H (25.4 cm x 13.2 cm x 62.7 cm)
Power Source	Hand Pump
Air Flow Capacity	5 Liters Per Minute
Maximum Pressure	4500 Pound per Square Inch (30 MPa)
Operation Mode	Manual
Hose Length	50 Centimeters (19.7 inches)
UPC	719034896960

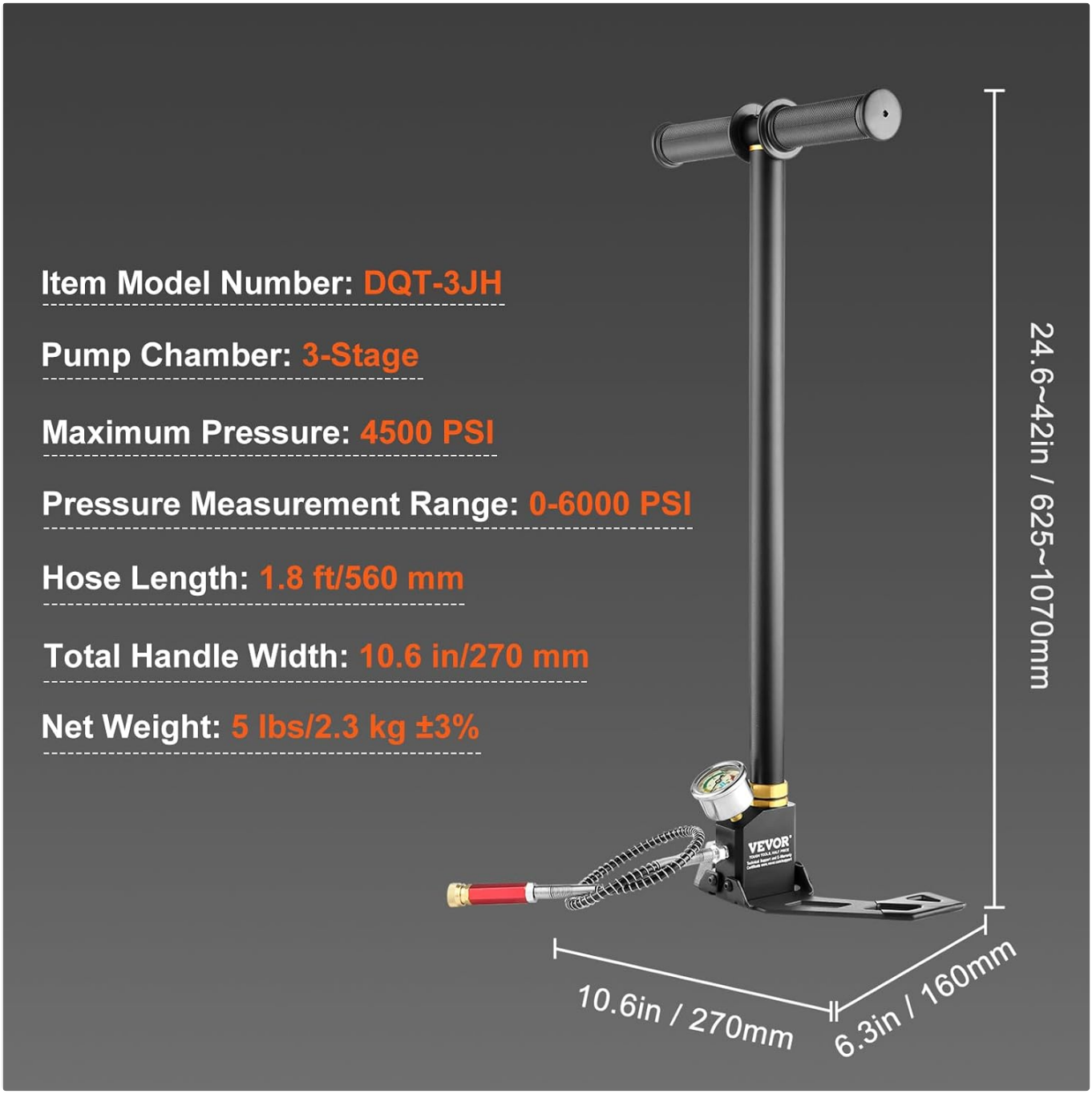

Figure 8: Visual representation of the pump's key dimensions and specifications, including model number, pressure ratings, and hose length.

9. Warranty and Support

This VEVOR product is covered by a warranty as per the manufacturer's terms. For specific warranty details, please refer to the documentation included with your purchase or contact VEVOR customer support.

Return Policy: This product is eligible for a 30-day refund/replacement policy through Amazon.

For technical assistance, troubleshooting, or to inquire about spare parts, please contact VEVOR customer support directly. EU spare part availability duration is 10 years.

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