YELLOW JACKET 15660

YELLOW JACKET 15660 Heavy Duty Charging Vacuum Hose User Manual

Model: 15660 | Brand: YELLOW JACKET

1. Introduction

This manual provides instructions for the proper use, maintenance, and care of your YELLOW JACKET 15660 Heavy Duty Charging Vacuum Hose. Please read this manual thoroughly before using the product to ensure safe and efficient operation. Retain this manual for future reference.

2. Product Overview

The YELLOW JACKET 15660 is a heavy-duty charging and vacuum hose designed for demanding applications. It features a 3/8-inch diameter and is constructed to withstand a wide range of operating conditions and pressures. This hose is suitable for various industrial and scientific applications requiring reliable fluid transfer or vacuum maintenance.

Figure 2.1: The YELLOW JACKET 15660 Heavy Duty Charging Vacuum Hose. This image displays the black hose coiled, with brass fittings visible at both ends. The hose is marked with "YELLOW JACKET Plus II™ Heavy Duty Charging Hose".

Key Features:

- Operating temperature range: -22°F to 176°F (-30°C to 80°C).
- Minimum burst pressure: 3000 psi (207 bar).
- Maximum working pressure: 600 psi (41 bar).
- Minimum bend radius: 8 inches (203 mm).
- Durable construction for heavy-duty use.

3. Setup

Before connecting the hose, ensure all equipment is clean and free of debris. Inspect the hose and its fittings for any signs of damage or wear. Do not use a damaged hose.

1. **Inspect Fittings:** Verify that the brass fittings on both ends of the hose are clean and free of obstructions or damage.
2. **Connect to Equipment:** Securely attach one end of the hose to the appropriate port on your

charging manifold, vacuum pump, or other equipment. Hand-tighten the fitting, then use a wrench to ensure a snug, leak-free connection. Avoid over-tightening, which can damage the fittings.

3. **Connect to System:** Attach the other end of the hose to the system being serviced (e.g., HVAC system, refrigeration unit). Again, ensure a secure, leak-free connection.
4. **Check for Leaks:** After connecting, perform a leak check using an appropriate method for your application (e.g., leak detector, soap solution) before initiating any charging or vacuum procedures.

4. Operating Instructions

This hose is designed for transferring refrigerants, evacuating systems, and other related tasks within its specified pressure and temperature limits. Always follow industry best practices and safety guidelines for your specific application.

- **Pressure Limits:** Do not exceed the maximum working pressure of 600 psi (41 bar). Exceeding this limit can lead to hose failure and potential injury.
- **Temperature Limits:** Operate the hose only within the specified temperature range of -22°F to 176°F (-30°C to 80°C).
- **Bending Radius:** Avoid bending the hose beyond its minimum bend radius of 8 inches (203 mm) to prevent kinking or damage to the hose structure.
- **Fluid Compatibility:** Ensure the hose material is compatible with the fluids being transferred. This hose is generally suitable for common refrigerants and vacuum applications.
- **Personal Protective Equipment:** Always wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, when working with refrigerants or vacuum systems.

5. Maintenance

Regular maintenance ensures the longevity and reliable performance of your YELLOW JACKET hose.

- **Cleaning:** After each use, wipe down the hose with a clean, dry cloth to remove any residue. For stubborn grime, use a mild soap solution and rinse thoroughly. Ensure the hose is completely dry before storage.
- **Inspection:** Periodically inspect the entire length of the hose for cuts, abrasions, bulges, or other signs of wear or damage. Check the fittings for corrosion, cracks, or deformation.
- **Storage:** Store the hose in a cool, dry place, away from direct sunlight, extreme temperatures, and harsh chemicals. Coil the hose loosely to prevent kinking. Avoid hanging the hose in a way that puts stress on the fittings.
- **Gasket Replacement:** Regularly inspect and replace any internal gaskets or O-rings in the fittings as needed to maintain a leak-free seal.

6. Troubleshooting

If you encounter issues with your hose, consider the following common problems and solutions:

- **Leakage at Fittings:**
    - Ensure fittings are securely tightened.
    - Inspect gaskets/O-rings for wear or damage and replace if necessary.
    - Check fitting threads for damage.

- **Reduced Flow/Vacuum Performance:**
  - Check for kinks or severe bends in the hose.
  - Inspect the hose interior for blockages or debris.
  - Verify that all connections are tight and not leaking.
- **Hose Damage (Cuts, Abrasions, Bulges):**
  - Immediately discontinue use of a damaged hose.
  - A damaged hose cannot be reliably repaired and should be replaced to ensure safety and performance.

If troubleshooting steps do not resolve the issue, contact YELLOW JACKET customer support or a qualified technician.

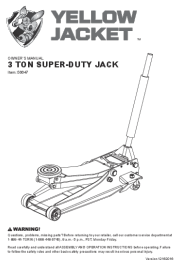
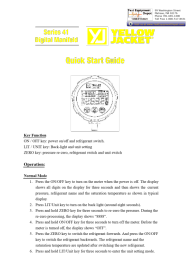
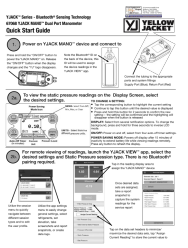
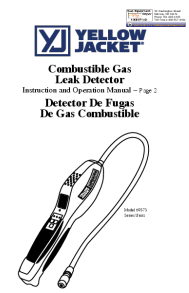
7. Specifications

Feature	Value
Model Number	15660
Brand	YELLOW JACKET
Product Dimensions	60"L x 0.38"W (approx. 0.38 inches diameter)
Item Weight	1.05 Pounds
Operating Temperature	-22°F to 176°F (-30°C to 80°C)
Minimum Burst Pressure	3000 psi (207 bar)
Maximum Working Pressure	600 psi (41 bar)
Minimum Bend Radius	8 inches (203 mm)
Outside Diameter	0.38 Inches
UPC	068680015660
Manufacturer	Ritchie Engineering Co.

8. Warranty and Support

For information regarding warranty coverage or technical support for your YELLOW JACKET 15660 hose, please refer to the documentation provided with your purchase or contact Ritchie Engineering Co., Inc. directly. Contact details can typically be found on the manufacturer's official website.
It is recommended to register your product, if applicable, to facilitate warranty claims and receive important product updates.

Related Documents - 15660

	Yellow Jacket 3 Ton Super-Duty Jack Owner's Manual (Model 56647) Comprehensive owner's manual for the Yellow Jacket 3 Ton Super-Duty Jack (Model 56647), covering safety, operation, assembly, maintenance, troubleshooting, and warranty information. Learn how to safely use and maintain your hydraulic jack.
	Yellow Jacket 3 Ton Super-Duty Jack Owner's Manual | Safety, Operation, and Maintenance Guide Comprehensive owner's manual for the Yellow Jacket 3 Ton Super-Duty Jack (Item: 56647). Includes detailed instructions on assembly, safe operation, maintenance, troubleshooting, and warranty information.
	Yellow Jacket Series 41 Digital Manifold Quick Start Guide A quick start guide for the Yellow Jacket Series 41 Digital Manifold, detailing its key functions, operation modes, unit settings, battery capacity, and supported refrigerants.
	Yellow Jacket P51-870 TITAN Digital Manifold Quick Start Guide A quick start guide for the Yellow Jacket P51-870 TITAN Digital Manifold, covering operation modes, settings, and data management.
	YJACK MANO™ Dual Port Manometer Quick Start Guide | YELLOW JACKET 67068 Quick start guide for the YELLOW JACKET YJACK MANO™ Dual Port Manometer (Model 67068), featuring Bluetooth® sensing technology. Learn how to power on, connect, view static pressure readings, use the YJACK VIEW™ app, and understand measurement ranges for HVAC applications.
	Yellow Jacket 69373 Combustible Gas Leak Detector Instruction and Operation Manual Comprehensive instruction and operation manual for the Yellow Jacket 69373 handheld combustible gas leak detector. Covers features, specifications, battery installation, operating instructions, maintenance, troubleshooting, and warranty.