

## General Wire JM-3055-A

# General Wire JM-3055-A Gas Water Jet Instruction Manual

## 1. INTRODUCTION

This manual provides essential information for the safe and effective operation, setup, and maintenance of your General Wire JM-3055-A Gas Water Jet. Please read this manual thoroughly before operating the equipment to ensure proper use and to prevent injury or damage. Keep this manual for future reference.

## 2. SAFETY INFORMATION

**WARNING: Failure to follow these safety instructions could result in serious injury or death.**

- Always wear appropriate personal protective equipment (PPE), including eye protection, gloves, and hearing protection, when operating the water jet.
- Ensure the work area is well-ventilated to prevent carbon monoxide buildup from the gas engine.
- Never point the nozzle at people, animals, or electrical equipment. The high-pressure water stream can cause severe injury.
- Before performing any maintenance or adjustments, ensure the engine is off, cooled, and the spark plug wire is disconnected.
- Do not operate the water jet near flammable liquids or gases.
- Always connect the water jet to a reliable water source before starting the engine. Running the pump dry can cause damage.
- Keep children and bystanders away from the operating area.
- Inspect hoses, nozzles, and connections for damage before each use. Replace any worn or damaged components immediately.

## 3. PRODUCT OVERVIEW

The General Wire JM-3055-A is a powerful gas-powered water jet designed for clearing tough blockages in drains and pipes. It features a robust engine, a high-pressure pump, and a durable hose reel for efficient operation.



This image displays the General Wire JM-3055-A Gas Water Jet. It features a robust orange frame with four wheels for portability. On the left, a large black hose reel is mounted, containing the 250-foot, 3/8-inch hose. To the right, a gas-powered engine is visible, providing the necessary power for the water jet. Various controls and gauges are integrated into the unit's frame.

### Key Components:

- **Gas Engine:** Powers the high-pressure pump.
- **High-Pressure Pump:** Generates the water pressure for jetting.
- **Hose Reel:** Stores and manages the 250' x 3/8" high-pressure hose.
- **Nozzle Set:** Various nozzles for different cleaning applications.

- **Cleaning Tool:** Assists in maintaining the nozzles.
- **Frame and Wheels:** Provides portability and stability.

## 4. SETUP

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1. **Unpacking and Inspection:** Carefully remove the water jet from its packaging. Inspect all components for any signs of shipping damage. Report any damage to your supplier immediately.
2. **Wheel Assembly (if required):** Attach the wheels to the frame using the provided hardware. Ensure they are securely fastened.
3. **Engine Preparation:**
  - Fill the engine with the recommended type and amount of oil (refer to the engine manufacturer's manual for specifics).
  - Fill the fuel tank with fresh, unleaded gasoline. Do not overfill.
4. **Water Supply Connection:** Connect a standard garden hose from a reliable water source to the water inlet fitting on the pump. Ensure the connection is tight to prevent leaks.
5. **High-Pressure Hose Connection:** Connect one end of the high-pressure hose to the pump's high-pressure outlet. Connect the desired nozzle to the other end of the hose. Ensure all connections are secure.
6. **Nozzle Selection:** Choose the appropriate nozzle for the task. Different nozzles are designed for various types of blockages and pipe sizes.

## 5. OPERATING INSTRUCTIONS

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1. **Before Starting:**
  - Ensure all connections are secure and free of leaks.
  - Open the water supply valve completely to allow water to flow through the pump and hose, purging any air.
  - Check engine oil and fuel levels.
2. **Starting the Engine:**
  - Set the engine switch to the 'ON' position.
  - Move the choke lever to the 'CHOKE' position (for cold starts).
  - Pull the recoil starter handle firmly until the engine starts.
  - Once the engine starts, gradually move the choke lever to the 'RUN' position.
3. **Jetting Operation:**
  - Slowly feed the high-pressure hose into the drain or pipe.
  - Maintain a firm grip on the hose and guide it carefully.
  - Do not force the hose. If resistance is met, retract slightly and try again.
  - The rear-facing jets on the nozzle propel it forward and flush debris backward.
4. **Shutting Down:**
  - Turn off the engine using the engine switch.
  - Close the water supply valve.
  - Relieve any residual pressure in the system by briefly activating the trigger (if applicable) or

disconnecting the hose carefully.

- Drain any remaining water from the pump and hoses, especially in freezing conditions.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your water jet.

- **After Each Use:**

- Clean the exterior of the unit.
- Inspect hoses and nozzles for wear or damage.
- Drain water from the pump and hoses.

- **Engine Maintenance:** Refer to the engine manufacturer's manual for specific service intervals for oil changes, air filter cleaning/replacement, and spark plug inspection/replacement.

- **Pump Maintenance:** Check pump oil levels (if applicable) and change according to manufacturer recommendations. Inspect pump seals and valves periodically.

- **Nozzle Cleaning:** Use the provided cleaning tool to clear any debris from the nozzle orifices. Clogged nozzles can reduce performance.

- **Storage:** Store the water jet in a clean, dry, and protected area. If storing for an extended period, follow the engine manufacturer's instructions for long-term storage, which typically includes fuel stabilization and draining.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your water jet.

Problem	Possible Cause	Solution
Engine will not start	No fuel or low fuel Engine switch OFF Choke not set correctly Spark plug issue	Add fresh fuel Turn engine switch ON Adjust choke lever Inspect/replace spark plug
Low water pressure	Insufficient water supply Clogged nozzle Air in pump Worn pump seals	Ensure full water flow Clean or replace nozzle Purge air from system Contact service for pump repair
Water leaks	Loose connections Damaged O-rings or seals Cracked hose	Tighten all fittings Replace O-rings or seals Replace damaged hose

## 8. SPECIFICATIONS

- **Model Number:** JM-3055-A
- **Hose Length:** 250 feet
- **Hose Diameter:** 3/8 inches
- **Item Weight:** 327 pounds

- **Package Dimensions:** 55.5 x 42 x 32 inches
- **ASIN:** B007GHOAVK
- **Date First Available:** February 16, 2018

## 9. WARRANTY AND SUPPORT

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For specific warranty information regarding your General Wire JM-3055-A Gas Water Jet, please refer to the documentation provided at the time of purchase or contact General Wire customer support directly. Keep your purchase receipt as proof of purchase.

For technical assistance, replacement parts, or service inquiries, please contact General Wire customer service. Contact details can typically be found on the manufacturer's website or in your product packaging.