

## TOPWAY TOP119

# TOPWAY 110V AC Gasoline Fuel Pump 3.7GPM Instruction Manual

## INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your TOPWAY 110V AC Gasoline Fuel Pump 3.7GPM. Please read this manual thoroughly before use to ensure proper function and to prevent injury or damage.

## SAFETY INFORMATION

**WARNING: Failure to follow these safety instructions may result in fire, explosion, electric shock, or serious injury.**

- Always operate the pump in a well-ventilated area.
- Do not use this pump for transferring highly corrosive liquids, water, or potable liquids. This pump is designed for gasoline, diesel, and light oils only.
- Ensure all connections are secure and leak-free before operation.
- Keep the pump away from open flames, sparks, or any ignition sources.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Do not operate the pump if the power cord or plug is damaged.
- The pump features overheat protection. If the pump stops unexpectedly, allow it to cool down before resuming operation.
- Ensure the power supply matches the pump's voltage requirements (110V AC).

## PACKAGE CONTENTS

Verify that all items are present and undamaged upon unpacking:

- 1x TOPWAY 110V AC Fuel Transfer Pump
- 4x Hose Adaptors
- 4x Hose Clamps
- 1x Sealing Tape



Image: Contents of the TOPWAY 110V AC Gasoline Fuel Pump package.

## SETUP AND INSTALLATION

Follow these steps to set up your fuel pump:

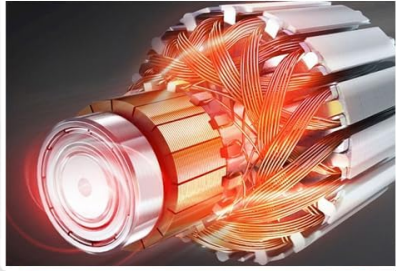
1. **Attach Hose Adaptors:** Securely attach the hose adaptors to the inlet and outlet ports of the pump. The pump features 1/2" NPT ports. Use the provided sealing tape on the threads to ensure a leak-proof connection.
2. **Connect Hoses:** Connect your fuel hoses (not included) to the hose adaptors. Use the provided hose clamps to tighten the hoses onto the adaptors, preventing leaks and ensuring a secure fit.
3. **Position the Pump:** Place the pump on a stable, level surface. Ensure it is positioned safely, away from any potential ignition sources and in a well-ventilated area.
4. **Connect Power:** Plug the 13ft power cord into a grounded 110V AC outlet. Ensure the switch on the power cord is in the 'OFF' (center) position before plugging in.

# PREMIUM DESIGN

safety upgrade with explosion-proof materia



Thick Rubber Handle



100% Copper Motor



Reversible Switch



Sealing Tape



Extra 12mm adaptors



Clampsx2



Clampsx2

Image: Key components and design features of the pump.

## OPERATING INSTRUCTIONS

This pump features a reversible pumping function for versatile use.

- 1. Prepare for Transfer:** Ensure the suction hose is fully submerged in the liquid to be transferred and the discharge hose is securely placed in the receiving container.
- 2. Select Pumping Direction:** The pump is equipped with a two-way switch (I/O/R).
  - Move the switch to position 'I' for forward pumping (liquid flows in the direction indicated by arrows on the pump body).
  - Move the switch to position 'R' for reverse pumping (liquid flows in the opposite direction). This is useful for draining hoses or returning excess fuel.
  - Position 'O' is OFF.
- 3. Start Pumping:** Once the direction is selected, the pump will begin transferring liquid. Monitor the transfer process closely. The pump has a maximum flow rate of 3.7 GPM and a maximum suction lift of 4.9 ft.
- 4. Stop Pumping:** When the transfer is complete or if you need to pause, move the switch to the 'O'

(OFF) position.

5. **After Use:** Disconnect the power and carefully remove hoses. Ensure all fuel is drained from the pump and hoses before storage.



Image: Illustration of the two-way pumping switch and flow direction.



# HIGH EFFICIENCY

safety upgrade with explosion-proof materia



3.7GPM LARGE FLOW



Low Noise



75W



Thermal Protection



Composed of safety components  
to prevent sparks during operation



Image: Pump in operation, highlighting efficiency and safety features.

## MAINTENANCE

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

- **Cleaning:** After each use, especially when transferring different types of liquids, flush the pump with a compatible cleaning agent or the liquid it will next transfer.
- **Inspection:** Periodically inspect hoses, adaptors, and clamps for wear, cracks, or damage. Replace any damaged components immediately.
- **Storage:** Store the pump in a dry, cool place, away from direct sunlight and extreme temperatures. Ensure it is free of residual fuel before storage.
- **Motor:** The pump is equipped with a pure copper motor designed for high efficiency and low noise. No user-serviceable parts are inside the motor housing.

## TROUBLESHOOTING

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

- **Pump Not Starting:**
  - Check if the power cord is securely plugged into a working 110V AC outlet.
  - Ensure the switch is in the 'I' or 'R' position.
  - Verify there is power to the outlet.
- **Low Flow Rate or No Flow:**
  - Check for kinks or blockages in the hoses.
  - Ensure the suction hose is fully submerged in the liquid.
  - Inspect all connections for air leaks; tighten clamps and adaptors if necessary.
  - Confirm the liquid level in the source container is above the pump's maximum suction lift (4.9 ft).
- **Pump Overheating/Stopping:**
  - The pump has built-in overheat protection. If it stops, disconnect power and allow it to cool down for at least 30 minutes.
  - Ensure the pump is not running dry.
  - Check for excessive back pressure in the discharge line.
- **Leaks from Connections:**
  - Tighten hose clamps and ensure adaptors are properly sealed with tape.
  - Inspect hoses and adaptors for damage and replace if necessary.

## SPECIFICATIONS

Brand	TOPWAY
Model Number	TOP119
Power	1/10 HP
Voltage	110V AC / 60Hz
Max. Flow Rate	3.7 GPM
Max. Suction Lift	4.9 ft
Amperage	0.6A - 0.8A
Inlet/Outlet Ports	1/2" NPT
Compatible Fluids	Gasoline, Diesel, Light Oil
Duty Cycle	30 minutes
Material	Cast Iron, Stainless Steel

Item Weight	5 pounds
Product Dimensions	7 x 6 x 8 inches

# PUMP SPECIFICATION

Compatible liquids for gasoline/diesel/light oil



Power: 1/10HP

Voltage: 110V/60Hz

Max.Flow: 3.7GPM

Max.Head: 19ft

Max.Suction: 4.9ft

Amps: 0.6A-0.8A



13ft power cord



two way switch



US 3-pins plug

Image: Visual representation of pump specifications and dimensions.

## WARRANTY AND SUPPORT

TOPWAY products are factory tested to ensure quality. For any inquiries or issues, please contact TOPWAY customer support. We aim to reply and resolve your problems within 24 hours. For support, please refer to the contact information provided with your purchase or visit the official TOPWAY website.