

VEVOR KEX-16AC-T01

VEVOR Fuel Transfer Pump 110V 15GPM User Manual

Model: KEX-16AC-T01

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your VEVOR 110V 15GPM AC Electric Fuel Transfer Pump. Please read this manual thoroughly before use and retain it for future reference. This pump is designed for transferring gasoline, diesel, kerosene, biodiesel, and ethanol blends.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions can 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 water, corrosive chemicals, or highly volatile liquids other than those specified.
- Ensure all electrical connections are secure and comply with local electrical codes. The pump requires user-supplied wiring to connect to a power source.
- Wear appropriate personal protective equipment (PPE), including eye protection and gloves, when handling fuels.
- Keep ignition sources, open flames, and sparks away from the pump and fuel transfer area.
- Do not operate the pump if any part is damaged or leaking.
- Disconnect power before performing any maintenance or service.
- The pump features built-in overheat protection. If the pump stops unexpectedly, allow it to cool down before restarting.

3. WHAT'S IN THE BOX

Verify that all components are present and undamaged upon unpacking:

- 1 x Fuel Transfer Pump
- 1 x Auto Shut-Off Fuel Nozzle
- 1 x 13 ft (4 m) Rubber Outlet Hose
- 1 x 1-3 ft (530-960 mm) PVC Inlet Hose (Telescoping Suction Pipe)
- 1 x Junction Box
- 1 x PTFE Tape
- 1 x Adapter
- 1 x Adapter Union
- 2 x Wire Terminals
- 1 x User Manual (this document)



Image: Overview of the VEVOR Fuel Transfer Pump and its included accessories, along with key dimensions.

4. SPECIFICATIONS

Model Number	KEX-16AC-T01
Brand	VEVOR
Flow Rate	15 GPM (57 L/min)
Voltage/Frequency	AC 110-120V, 60Hz
Max Suction Lift	8 ft (2.4 m)
Max Discharge Lift	37 ft (11.28 m)
Inlet Size	1 inch (25.4 mm) NPT
Outlet Size	3/4 inch (19 mm) NPT
Hose Length (Outlet)	13 ft (4 m)
Material	Cast Iron
Item Dimensions (L x W x H)	12.99 x 8.86 x 9.65 inches (330 x 225 x 245 mm)
Net Weight	32.63 lbs (14.8 kg)
Compatible Fuels	Gasoline, Diesel, Kerosene, Biodiesel, Ethanol Blends

Strong Suction & High Lift

Easy to Connect & Use

Max Suction Lift
8 ft/2.4 m

Max Discharge Lift
37 ft/11.2 m

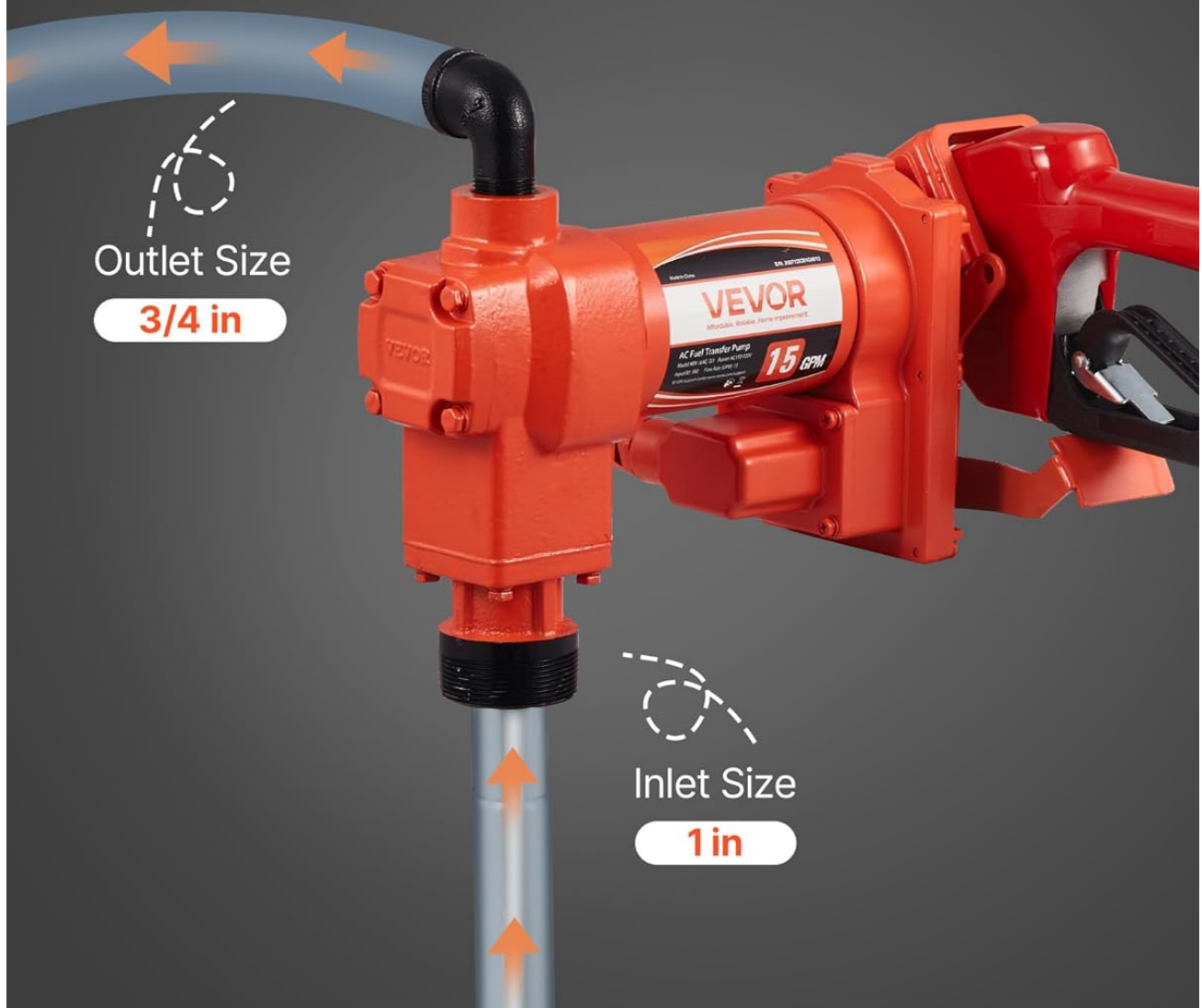


Image: Illustration of the pump's suction and discharge capabilities, including inlet and outlet sizes.

5. SETUP INSTRUCTIONS

5.1 Mounting the Pump

1. The pump is designed for fixed installation, typically on a 2-inch NPT drum opening.
2. Ensure the mounting surface is stable and capable of supporting the pump's weight and operational forces.
3. Securely thread the pump's inlet into the drum opening. Use PTFE tape on threads to ensure a leak-free seal.



Image: The fuel transfer pump securely mounted on a fuel drum, highlighting the standard 2-inch NPT connection.

5.2 Hose Connections

1. **Inlet Hose (Suction Pipe):** Connect the telescoping PVC inlet hose to the pump's inlet. Adjust the length of the suction pipe to reach near the bottom of the fuel drum without touching it. Ensure a tight connection to prevent air leaks.
2. **Outlet Hose:** Connect the 13 ft (4 m) rubber outlet hose to the pump's outlet. Secure the auto shut-off fuel nozzle to the other end of the outlet hose. Use PTFE tape on all threaded connections to prevent leaks.

5.3 Electrical Connection

IMPORTANT: This pump does not come with a pre-wired plug. Electrical wiring must be performed by a qualified electrician in accordance with all local and national electrical codes. Incorrect wiring can lead to electric shock, fire, or damage to the pump.

- Ensure the power source is 110-120V AC, 60Hz.
- Connect the pump's electrical wires to a suitable power cord using the provided wire terminals and junction box.
- Ensure proper grounding to prevent electrical hazards.
- The waterproof power switch should be easily accessible.

15 GPM Explosion-Proof Fuel Transfer Pump

Fast & Efficient Fuel Transfer



Image: The fuel transfer pump ready for operation, demonstrating its robust cast iron construction suitable for outdoor use.

6. OPERATING INSTRUCTIONS

6.1 Pre-Operation Checks

- Confirm all hose connections are tight and free of leaks.
- Ensure the pump is securely mounted.
- Verify the power connection is correct and safe.

- Check that the fuel type in the drum is compatible with the pump.

6.2 Fuel Transfer Process

1. Insert the auto shut-off fuel nozzle into the receiving tank's fill port.
2. Turn on the pump using the power switch. The pump will begin transferring fuel.
3. Monitor the fuel transfer. The auto shut-off nozzle is designed to stop the flow automatically when the receiving tank is full, preventing overfilling and spills.
4. Once the transfer is complete or the nozzle has shut off, turn off the pump using the power switch.
5. Carefully remove the nozzle from the receiving tank, allowing any residual fuel to drain.

Auto Shut-Off Fuel Nozzle

Flow control at your fingertips



Automatic Locking
Mechanism

Pressure-Sensing Port

Image: Detailed view of the auto shut-off fuel nozzle, illustrating its safety features for preventing overfills.

Broad Application Range

Compatible with multiple fuel-powered equipment

✓ Gasoline ✓ Diesel ✓ Kerosene ✓ Biodiesel ✓ Ethanol



Refueling Large Ships



Refueling Heavy Trucks



Refueling Agricultural Machinery



Drawing Fuel from Drums

Image: Various applications of the VEVOR Fuel Transfer Pump, including refueling large vehicles and machinery.

7. MAINTENANCE

7.1 Regular Checks

- Inspect hoses and connections for wear, cracks, or leaks before each use. Replace damaged components immediately.
- Check the power cord for any damage.

- Ensure the pump's housing is clean and free from debris.

7.2 Cleaning and Storage

- After use, wipe down the pump and nozzle with a clean cloth to remove any fuel residue.
- Store the pump in a dry, secure location, away from direct sunlight and extreme temperatures.
- Ensure all fuel is drained from hoses before long-term storage.

**Keep your equipment
running smoothly**



Built-In Overheat Protection

Strong power, not easy
to burn out

Image: The pump's internal motor, featuring built-in overheat protection for extended service life and stable operation.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start	<ul style="list-style-type: none">◦ No power supply◦ Incorrect wiring◦ Overheat protection activated◦ Damaged switch	<ul style="list-style-type: none">◦ Check power connection and circuit breaker.◦ Verify wiring by a qualified electrician.◦ Allow pump to cool down for 15-30 minutes.◦ Contact customer support for switch replacement.
Low flow rate or no flow	<ul style="list-style-type: none">◦ Air leaks in suction line◦ Clogged inlet filter or hose◦ Insufficient fuel in drum◦ Excessive lift height	<ul style="list-style-type: none">◦ Tighten all suction connections.◦ Inspect and clear any blockages.◦ Refill fuel drum.◦ Ensure operating within specified suction/discharge lift limits.
Fuel leak	<ul style="list-style-type: none">◦ Loose hose connections◦ Damaged hose or seal	<ul style="list-style-type: none">◦ Tighten all connections, apply PTFE tape if necessary.◦ Replace damaged components.

9. WARRANTY INFORMATION

VEVOR products are designed for durability and performance. For specific warranty terms and conditions applicable to your product, please refer to the warranty card included with your purchase or visit the official VEVOR website. Keep your purchase receipt as proof of purchase for any warranty claims.

10. CUSTOMER SUPPORT

If you encounter any issues or have questions regarding the VEVOR Fuel Transfer Pump that are not covered in this manual, please contact VEVOR customer support. You can typically find contact information on the VEVOR website or on your product packaging.