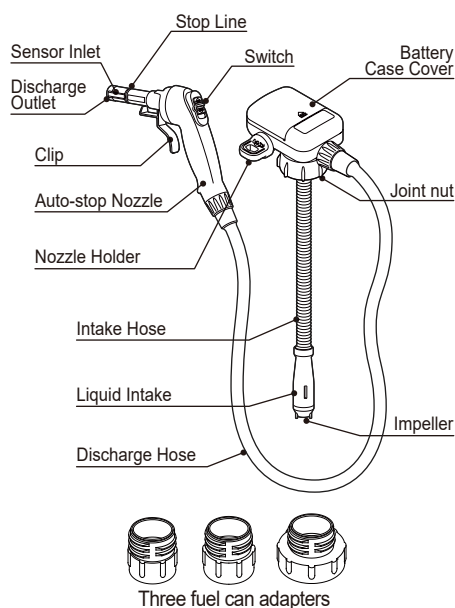


EF-01A-SN INSTRUCTIONS



Thank you for your purchasing this pump. Please read this manual carefully to ensure proper use and keep with pump for future reference

NAME OF EACH PART



PRODUCT SPECIFICATIONS

Delivery volume	About 9.7 LPM (2.6 GPM)
Power source	4 x AA Batteries
Operating temperature	+5°C ~ 40°C (41°F ~ 104°F)
Applicable liquids	Petrol, Diesel, Kerosene, Non-potable water

HOW TO PLACE THE BATTERIES

Insert 4 AA batteries according to + and - signs

How to open the battery cover

Place thumb on grooves as shown in picture, push and slide the cover off in the direction of the arrow



Direction of Batteries

As indicated, replace all 4 batteries at the same time

*Use the same brand/type of batteries



EMERGENCY CASES WHEN ALL (4) BATTERIES ARE NOT AVAILABLE

It is recommended to use all 4 AA batteries when you are able, but it is possible to operate with 2 AA batteries during emergencies.



WHEN TO REPLACE THE BATTERIES

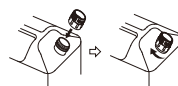
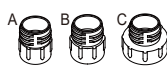
Motor does not operate, even after pressing ON switch or transfer rate becomes slower than in normal operation. Batteries can begin to discharge if they are stored for a long period of time. Check the expiration dates of batteries.

HOW TO STORE

When the pump is not being used for long periods of time, take the pump out of the tank, make sure no remaining fuel is in the hose, and wipe it down with a cloth before storing it. Make sure to take the batteries out before storing the pump.

HOW TO USE

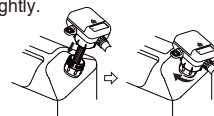
- 1 Find the adapter that is the best fit and make sure it is fastened tightly to your supply tank.



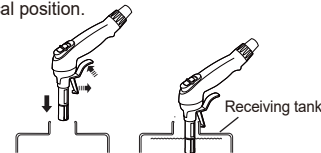
- 2 Insert intake hose into the supply tank and fasten the pump's joint nut tightly.



*Do not lift up or push down the pump while it is attached to the fuel tank.



- 3 Attach the auto-stop nozzle to your receiving tank using the clip, make sure the auto-stop nozzle is in a vertical position.

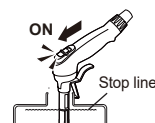


*For tanks which are not fixed with the clip, make sure the discharge nozzle is vertical to the liquid level.

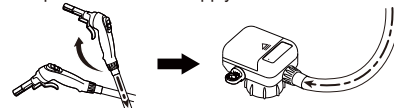
- 4 Turn switch on to start flow.



*Automatically stops when the fuel reaches the stop line.



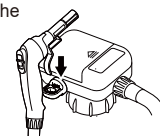
- 5 After automatically stopping, bring the auto-stop nozzle up above the tank to drain the excess fuel or liquid back into the supply tank.



- 6 Insert the auto-stop nozzle in the nozzle holder for storage.



*Be careful to not damage the auto-stop nozzle's sensor during usage and storage.



SAFETY INSTRUCTIONS



These instructions are to ensure the product is used correctly, safely, and to prevent any possible risk or damage to the user and/or other people. Our company shall not take any responsibility for any failure of product, malfunction and damages caused by improper use by user or third parties.

DO NOT DO THIS
YOU MUST DO THIS

PLEASE KEEP THESE INSTRUCTIONS
FOR YOUR SAFETY

WARNING: IMPROPER USE CAN CAUSE A DEATH OR SERIOUS INJURY

- Do not transfer fuel while vehicle or the vehicle's heater is ON (may cause a fire).
- Do not leave the pump unattended (may cause oversupply of oil, a fire or any accident).
- Do not alter or disassemble the pump (may cause failure of the product or an accident).
- Do not place the pump in a wet area (may cause failure of the product or an accident).
- Do not use deteriorated or aged fuels (these may cause our product to fail).
- Do not use for drinkable liquid, thinner, solvent, acetone, benzene, cresol, ethanol, methanol, phenol, concentrated caustic soda liquid, nitric acid, hydrochloric acid, sulfuric acid, etc.
- Do not shock the pump (may cause a failure or damage of the product).
- Do not put the product in a vehicle with all windows closed, direct sunlight area, or next to any heating appliances (may cause an accident or transform the product).

- Do not run the pump 'dry' or let the pump idle without transferring (may cause failure of product).
- Do not close the hole of sensor inlet. Do not supply the oil into transparent vessel under direct sunlight (may not stop automatically and overflow of liquid).
- Do not allow children to operate the product without adult supervision.
- Do not use the product on carpet, wood floor or combustible area (may cause a fire). Be careful not to damage the floor surface and/or carpet by fuel leakage.
- Make sure to use the pump on even surface (If the tank falls down during the liquid supply, liquid will leak and may cause a fire or an accident).
- Make sure the pump is tightly secured to the tank before turning the pump on.
- Make sure the sensor on the discharge nozzle is vertical (may not stop automatically, could cause fuel to overflow).
- Make sure to press the OFF switch after each use of the pump (may cause the continual consumption of battery and leak of liquid which will cause malfunction of the product).
- Make sure remove any left-over fuel in the pump after each use (may cause of failure of the pump if fuel remains around the sensor).
- Make sure to detach the tank from the pump when moving and when storing the tank (may cause leak of fuel if moved while the tank is attached).

CAUSE OF FAILURE AND TREATMENT

SYMPTOM	CAUSE	TREATMENT
Pump does not operate even after pressing ON	• Batteries may be incorrectly placed • Batteries are depleted • Impeller is stuck • Battery terminals are rusted • Batteries are depleted	Ensure the batteries are placed in the pump correctly Replace the batteries Turn the impeller manually Clean the rust from battery terminals Replace the batteries
Pumps performance is low	• Elevation of receiving tank is higher than supplying tank • Filter of receiving tank may be blocked with foreign material	Make sure that the receiving tank is not elevated above the supply tank Clean foreign material from the filter
Pump starts after pressing ON button but then stops unexpectedly	• Batteries are depleted • Batteries are depleted	Replace the batteries Replace the batteries
Pump immediately stops after pressing the ON button	• Sensor is too low and is touching the liquid	Adjust the discharge nozzle up so that the sensor is closer to the top of the supply tank

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