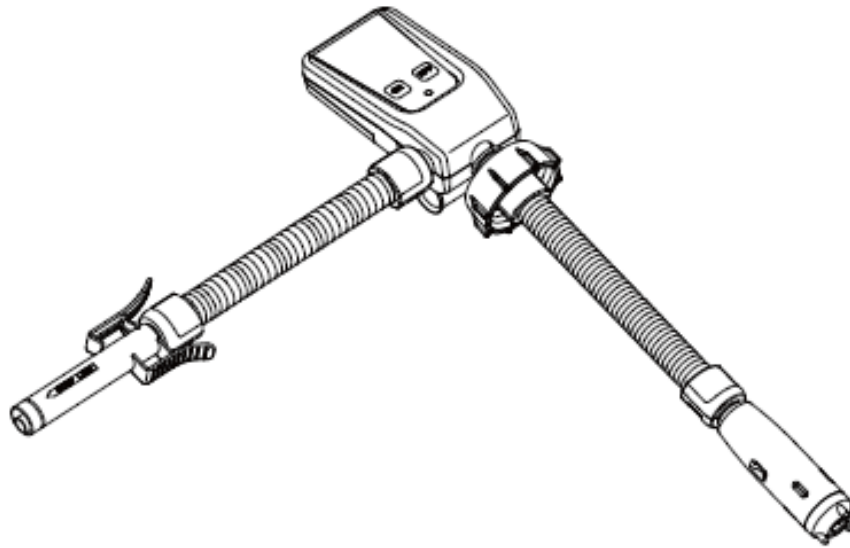




## OWNERS MANUAL

### Multi-Function Fuel Transfer Pump

PFETP-1000



Included Items	QTY
PFETP-1000 Transfer Pump	1
22" Length Intake Hose	1
51" Length Discharge Hose	1
Utility (Race Jug) Adaptor	1
Fuel Jug Adaptors	3

**WARNING:** PLEASE READ ALL INSTRUCTIONS BEFORE PROCEEDING. PROFLOW WILL NOT BE RESPONSIBLE FOR ANY DAMAGE AS A RESULT OF THE INCORRECT INSTALLATION OF THIS PRODUCT. IT IS RECOMMENDED THAT A QUALIFIED AUTOMOTIVE TECHNICIAN PERFORMS THIS INSTALLATION.

**WARNING:** THE INSTALLATION OF THIS PRODUCT REQUIRES THE HANDLING OF FUEL. IT IS RECOMMENDED TO WORK IN A WELL-VENTILATED AREA AND WEAR APPROPRIATE PERSONAL PROTECTION. KEEP ALL IGNITION SOURCES AND FLAMES AWAY FROM WORKSPACE AT ALL TIMES.

## SPECIFICATIONS

<b>Power</b>	Requires 4x "AA" Batteries (NOT Included)
<b>Delivery Volume</b>	12 Litres Per Minute
<b>Auto-Stop</b>	Built In Auto - Stop System
<b>Applications</b>	Gasoline, diesel, kerosene, light oils, non-drinking water

## IMPORTANT SAFETY INFORMATION

1. Do not use with corrosive liquids. **Not for use with drinking water.**
2. When pumping gasoline and flammable liquids, be alert to possible explosion hazards. Flammable fluid fumes and gasoline vapours can be an explosive hazard. Avoid sparks and use only with adequate ventilation.
3. Wear ANSI-approved safety goggles and heavy-duty, chemical resistant work gloves during use.
4. This product is not a toy. Do not allow children to play with or near this item.
5. Use as intended only. Only use pump for transferring gasoline, water, oil, and other non-corrosive liquids.
6. Do not use if pump is hot.
7. Verify that all connections are tight before using to eliminate leaking.
8. Do not pump used, dirty oil.
9. Do not use near open flame or heat sources.
10. Do not turn pump upside down after use.
11. Remove batteries when not in use.
12. Know and obey city and state laws for proper disposal of oil and gasoline. Dispose of properly in accordance with all local laws and regulations.
13. Follow all guidelines regarding materials being pumped, including SDS instructions and EPA regulations.
14. Do not mix up old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries. Position batteries in proper polarity. Do not use swollen or leaking batteries.
15. Do not operate when tired or when under the influence of drugs or medication.
16. Inspect before every usage; do not use if parts are loose or damaged.
17. Maintain product labels and nameplates. These carry important information.

## OPERATING INSTRUCTIONS

### Battery Operation

1. Open battery cover by placing thumb on grooves and sliding off in direction of arrow.
2. Insert 4 AA batteries according to "+" and "-" symbols. Replace all four batteries at the same time and use the same type/brand of batteries.

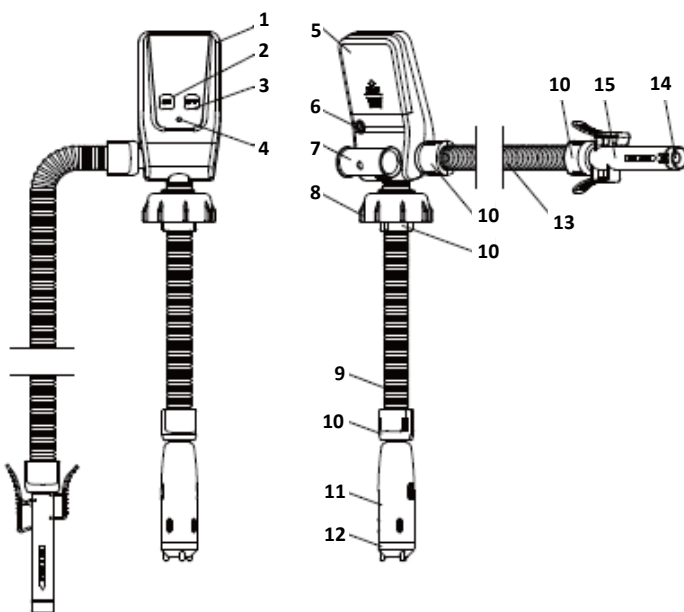
Replace the batteries when motor does not operate, even after pressing ON switch or if transfer rate becomes slower than normal. Batteries can begin to discharge if they are stored for a long period of time. Check the expiration dates of batteries.

### Emergency Use with Two Batteries

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 using 4 batteries you can pump out approximately 50 x 22 litre fuel cans. When using 2 batteries you can pump out approximately 25 x 11 litre fuel cans.

## PUMP DIAGRAM



1	Control Box
2	On Button
3	Off Button
4	LED Light
5	Battery Case Cover
6	Female Terminal
7	Discharge Nozzle Compartment
8	Adaptor
9	Intake Hose
10	Nut
11	Liquid Intake
12	Motor Inside
13	Discharge Hose
14	Sensor Inlet
15	Clip

## PUMP OPERATION

**Do not run unit dry. Make sure suction tube is fully submerged in liquid before turning on.** When the transfer is complete, turn the switch off. After use, do not turn pump upside down.

Clean unit with cotton cloth and wipe dry. Remove batteries and store in a clean, dry location, out of reach of children.

1. Find the adaptor that is the best fit for your can and make sure it is fastened tightly to your supply tank.
2. Insert intake hose through the adaptor and fasten the pump's joint nut tightly.

**CAUTION:** DO NOT LIFT UP OR PUSH DOWN THE PUMP WHILE IT IS ATTACHED TO THE FUEL TANK.

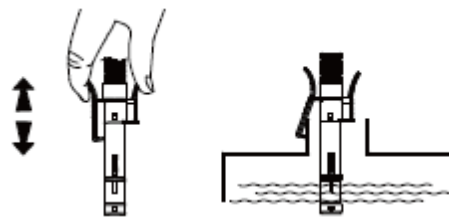


Figure 1

3. Attach the discharge hose to your receiving tank using the clip. Make sure the discharge nozzle is in a vertical position as per Figure 1.

Make sure that the supplying tank and receiving tank are on the same level when pump is operating.

For tanks which do not fit with the clip, make sure discharge nozzle is in a vertical position.

4. Start the flow of fuel by pressing the "On" button. Pump will automatically stop when the fuel reaches the stop line.

**CAUTION:** MAKE SURE THE PUMP IS USED ON AN EVEN SURFACE. IF THE TANK FALLS OVER DURING USE, LIQUID MAY LEAK CAUSING A FIRE RISK.

MAKE SURE THE PUMP IS TIGHTLY SECURED TO THE TANK BEFORE TURNING ON.

ENSURE THE SENSOR ON THE DISCHARGE NOZZLE IS VERTICAL, OTHERWISE PUMP MAY NOT AUTOMATICALLY STOP, CAUSING FUEL TO OVERFLOW.



Figure 2

5. Once pump has automatically stopped, bring the discharge hose up above the tank to drain excess liquid back into the supply tank as per Figure 2.

**CAUTION:** MAKE SURE TO REMOVE ANY LEFT-OVER FUEL IN THE PUMP AFTER EACH USE. IF FUEL REMAINS AROUND SENSOR, IT MAY CAUSE PUMP FAILURE.

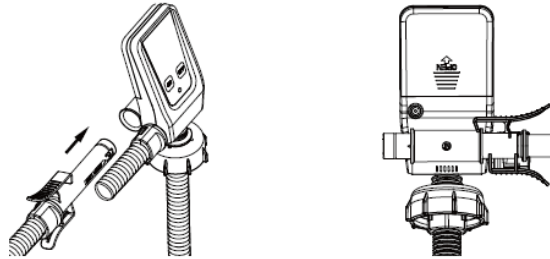


Figure 3

6. Put the discharge nozzle in the discharge nozzle compartment and lock into place with clip as shown in Figure 3.

**CAUTION:** PLACE THE DISCHARGE NOZZLE INTO DISCHARGE NOZZLE COMPARTMENT PROPERLY AFTER USE. IN THE EVENT THE FUEL TANK FALLS OVER, AND THE DISCHARGE HOSE IS NOT STORED CORRECTLY, LIQUID CAN LEAK OUT.

DETACH THE TANK FROM THE PUMP WHEN MOVING.

## PUMP STORAGE

When the pump is not being used for long periods of time, take the pump out of the tank, make sure there is no remaining fuel in the hose, and wipe down with cloth before storing. Make sure to remove batteries before storage. Do not store the pump in an enclosed airtight container.

### **CAUTION**

- Do not transfer fuel while the vehicle or the vehicle's heater is on (may cause fire).
- Do not leave the pump unattended.
- Do not alter or disassemble the pump.
- Do not place the pump in a wet area.
- Do not use deteriorated or aged fuels.
- Do not use for drinkable liquids, or with thinners, solvents, hot liquid, acetone, Benzene, Creosote, Ethyl, Phenol, Methyl, ethyl concentrated caustic soda liquid, nitric acid, hydrochloric acid, sulphuric acid, etc.
- Do not shock the pump.
- Do not run the pump 'dry' or let the pump idle without transferring.
- Do not close the hole of sensor inlet transparent vessel under direct sunlight (pump may not stop automatically and overflow liquid).
- Do not put the product in a vehicle with all windows closed, direct sunlight area, or next to any heating appliances.
- 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 fire). Be careful not to damage the floor surface and or carpet by fuel leakage.
- Do not store the pump in an enclosed airtight container.

## TROUBLESHOOTING

Fault	Possible Causes	Solution
Pump does not operate even after pressing "On"	<b>A:</b> Batteries incorrectly placed <b>B:</b> Batteries are depleted	<b>A:</b> Ensure batteries are placed correctly <b>B:</b> Replace the batteries
Pumps performance is low	<b>A:</b> Batteries are depleted <b>B:</b> Elevation of tank is higher than supplying tank	<b>A:</b> Replace the batteries <b>B:</b> Make sure the receiving tank is not elevated above supply tank
Pump starts after pressing "On" but then stops unexpectedly	Filter of receiving tank may be blocked with foreign material	Clean foreign material from the filter
Pump immediately stops after pressing "On"	Batteries are depleted	Replace the batteries
Motor stops before receptacle tank is full	<b>A:</b> Batteries are depleted <b>B:</b> Sensor is too low and is touching the liquid	<b>A:</b> Replace the batteries <b>B:</b> Adjust the discharge nozzle up so that the sensor is closer to the top of the supply tank

## Included Adaptors

