

## TROUBLE SHOOTING

Problem	Reasons	Actions
1.Press the start button, the indicator light does not light up, and the pump does not work.	(1) The battery power is lower than the requirements. (2) The battery is placed incorrectly.	For SFFTP5-024-02: Replace the battery or place battery as required. For SFFTP5-032-02: Charge the battery
2.The speed of pump is low and the indicator light is dimmed.	(1) The battery power is lower than the requirements; (2) There are only 2 batteries.	For SFFTP5-024-02: Replace the battery or use four batteries. For SFFTP5-032-02: Charge the battery
3.After pressing the start button, the pump starts, but the pump suddenly stops working.	The oil outlet may be blocked by other objects.	Remove the objects from the oil outlet.
4.Press the start button, then the indicator light turns off and the pump does not work.	The sensor of outlet has contacted with little liquid.	Clean or remove the liquid on the sensor of outlet.
5.The pump stop running before refill.	Sensor is too low, and contact liquid too fast.	Lift the fuel gun up to bring the sensor to be higher.

# SEAFLO<sup>®</sup>

## FUEL TRANSFER PUMP MANUAL

SFFTP5-024-02 / SFFTP5-032-02



## PRECAUTIONS FOR USE

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

### DANGER

If the directions of this sign are not followed, fatal accidents can happen and the user may die or get seriously injured.

- Do not use for concentrated acids.
- Only use on applicable liquids written on the specifications.
- Do not use this pump for transferring the following liquids; Aceton, Benzen, Cresol, Ethyl, Phenol, Methyl ethyl, Concentrated caustic soda liquid, Nitric acid, Hydrochloric acid, Sulfuric- acid, thinner or solvents, Etc.
- Don't close to flame when refuel.

### WARNING

If the directions of this sign are not followed, accidents can happen or the user can get injured.

- Do not refuel directly while the vehicle or equipment is turned on.
- Do not leave the pump unattended.
- Make sure to use the pump on a plat ground.
- Do not allow children to operate the product without adult supervision.

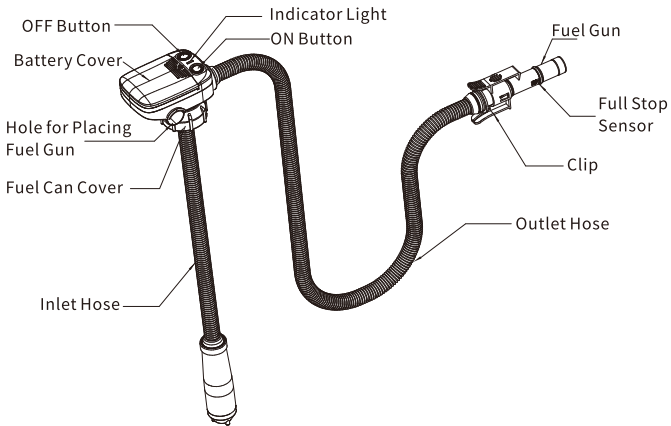
### CAUTION

The directions of this sign are not followed, the product can get damaged or the user can get injured.

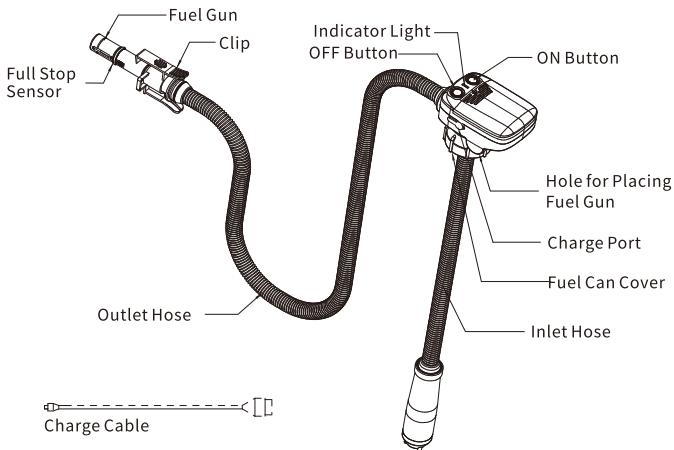
- After using the pump, do not keep it on its side or upside down.
- Make sure to remove any left-over liquid in the discharge hose after each use.
- Do not alter or disassemble the pump.
- Do not run the pump 'dry' or let the pump idle without transferring.
- Make sure to turn off the power after using the pump. Take out the battery if long time no use.
- Do not shock the pump.
- Do not use deteriorated or contaminated liquids and fuels.
- Do not place the pump in a wet area.
- Do not use this pump for hot liquids above 40°C (104°F).
- Operate only in open, cool and well ventilated areas.
- Stop and reset after 5 minutes of continuous use to prevent overheating.
- Use only pure liquid without any debris.
- Don't use it for drinking water.

## COMPONENTS

SFFTP5-024-02

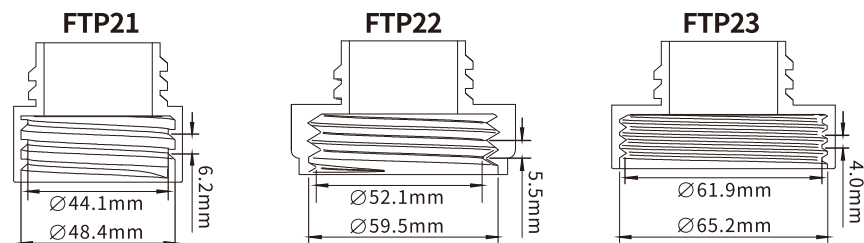
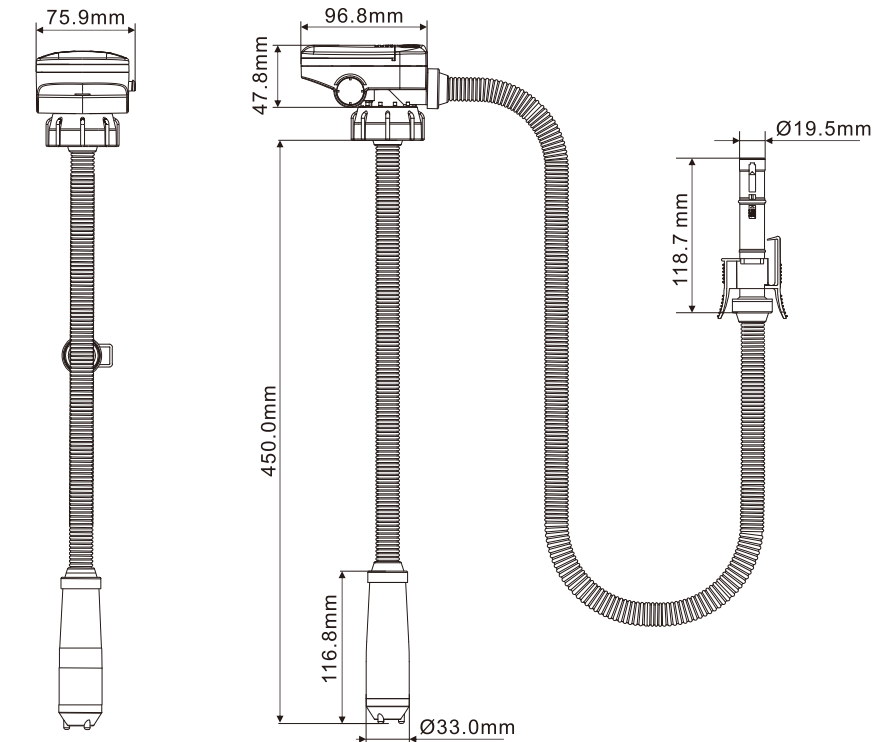


SFFTP5-032-02



Model No.	SFFTP5-024-02	SFFTP5-032-02
Open Flow Rate	2.4 GPM	3.2 GPM
Battery Type	AAx4 (Not included)	3.7V 4000mah Lithium Battery (included)
Suction Pipe Length	Approx. 506mm	
Discharge Hose Length	Approx. 1050mm	
Operating Temp.	+5°C~40°C (41°F~104°F)	
Material	POM, LDPE	
Applicable Liquids	Gasoline, Diesel, Kerosene, Light oils, Water	

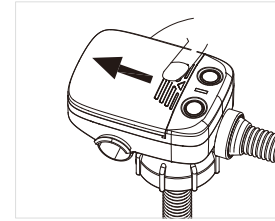
## DIMENSIONAL DRAWING



## DIRECTION FOR USE

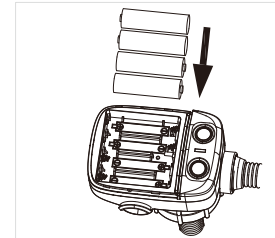
### 1. Power Supply

SFFTP5-024-02(AA Battery Version)



#### 1. Open Battery Cover

As shown in the picture, use thumb to press the groove and push as the direction of the arrow.



#### 2. Battery Installation

As shown in the picture, put 4pcs of AA batteries into the battery compartment as per guide of "+" and "-", then close the battery cover.

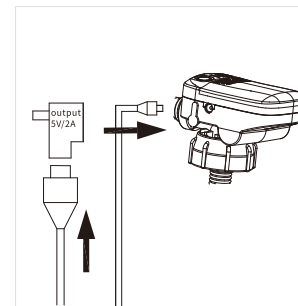
#### Attention:

- (1) Please use the same brand for 4pcs of AA batteries;
- (2) Please use 4pcs AA batteries, but in emergency you can use 2pcs of AA batteries as shown in the figure.



3. When the "ON" button is pressed, the indicator light is very dim or does not light up, or when the battery is not used for a long time, the battery needs to be replaced.

SFFTP5-032-01(Lithium Battery Version)



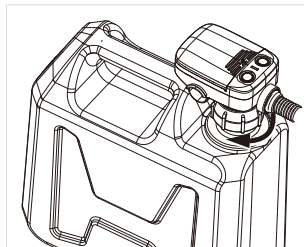
#### 1. How to Charge Lithium Battery

Take out the charging cable from the accessory bag, pull out rubber plug from the charging port and rotate it in another direction, then insert the charging cable into the pump charging port; Connect the cable with an adapter (turn AC power to 5V, 2A; not included), then plug the adapter into a household power resource. If the pump working indicator light turn red and flash, it indicates that the pump is charging, if the indicator light turns green, it indicates that the battery is fully charged.

**Attention:**

- (1) When the battery is fully charged, please put the hole plug back in place.
- (2) If possible, please use the charging adapter as required. In an emergency, you can connect the USB connector to the car USB connector or power bank for charging (the pump needs to be taken out of the fuel tank when charge).
- (3) It is forbidden to use an adapter with an output voltage higher than 12V to charge the battery. This operation may cause the electronic components of the pump to burn, or even cause the lithium battery to explode.
- (4) Do not use an adapter with an output voltage lower than 5V to charge the battery, this operation may not charge the battery.
- (5) It is forbidden to charge in a high temperature environment. This operation may cause the electronic components of the pump to be burned, and even lead to the explosion of the lithium battery.
- (6) It is necessary to charge the lithium battery once every six months, this operation can prolong the life of the lithium battery.

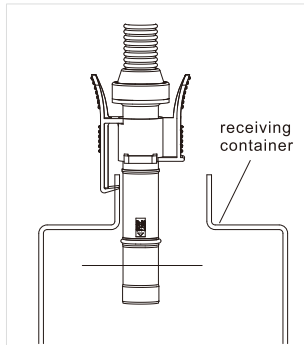
## 2.How to Refill



- 1.As shown in the picture, put the pump into the fuel can, and tighten the can cover.

**Attention:**

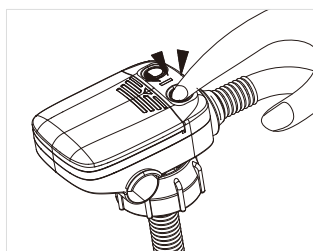
After the pump and fuel can are screwed together, do not lift it up by holding the pump, and do not press the pump hardly.



- 2.Insert fuel gun into receiving container and fixit to the mouth of the container with clip. It isnecessary to make the oil gun and the liquid levelto be 80°~95° as possible.

**Attention:**

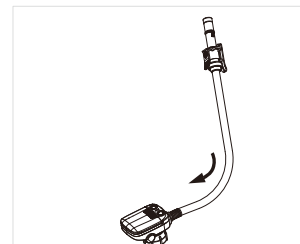
- 1.If there is no place for clip to fix, it is necessary to hold the oil gun. Please make sure the oil gun and the liquid level to be 80°~95° as possible.
- 2.When refueling, please ensure that the mouth of the receiving container is more than 100mm higher than the mouth of the oil storage barrel to avoid overflow due to natural siphon.



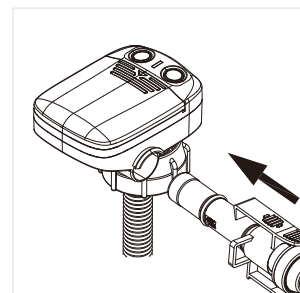
- 3.Press "ON" button. If the working indicator light is on, the pump starts to work.

**Attention:**

- (1) When the liquid reaches the sensor, the pump will automatically stops;
- (2) Please press "OFF" button to stop the pump in emergency.



4. After the pump stops working, lift it up until the oil in the oil discharge pipe return to the supply container.



- 5.Put the fuel gun into the fuel gun placement hole and clamp it with clip.

**Attention:**

- (1) An exhaust hole is designed for the fuel gun placement hole. After the fuel gun is placed in the hole, it is necessary to prevent the supply container from tipping over, so as to prevent the fuel from being discharged from the exhaust hole and cause damage to the electronic components of the pump ;
- (2) Do not put the pump in liquid, this operation may cause damage to the electronic components.

## STORAGE

When the pump is not used for a long time, take it out of the oil container and make sure that there is no remaining fuel in the oil discharge hose, and wipe the fuel on the surface of the oil inlet pipe with a cloth before storing it;

For SFFTP5-024-02 models, before storing the pump, please make sure the battery has been removed.

## THE MEANING OF INDICATOR LIGHTS

The indicator light for SFFTP5-024-02 has only one light, that is, red light. The brightness of the light is proportional to the power of the battery; when the light is on, it means the pump is starting, and when the light is off, the pump stops working.

SFFTP5-032-02 has a variety of lights:

**When charging**

1. The light turns red, and keep flashing to indicate that the battery is charging;
2. The light turns green, indicating that the battery is fully charged or abnormally charged, and the battery cannot be charged.

**When the pump is working**

1. The light is green, indicating that the pump is working normally, and the brightness of the light is proportional to the power of the battery;
2. The light flashes light green, indicating that the battery is exhausted and the pump is about to stop working
3. The light is red, indicating that the pump is abnormal and cannot work. At this time, it is necessary to check the cause of the abnormality of the pump.