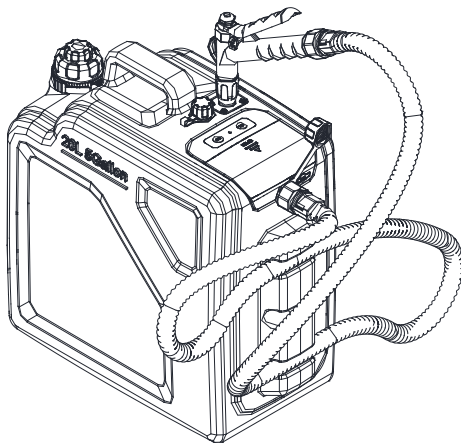


Owner's Manual & Safety Instructions

5 Gallon(20 Litre) Multiple Powered Supply Portable Fueling Station



Model:FT705-DC

Thanks for your trusting our products.

Please save and keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures.

Write the product's serial number in the back of the manual near the assembly diagram (month and year of purchase if product has no number).

Keep the manual and the receipt in a safe and dry place for future reference.

Package Contents:

- Portable Fueling Station Kit - 1 set
- Fuel Nozzle kit - 1 set
- DC 12V (By DC 12V Cable) - Option
- AC115V/230V(By Ac to DC Adapter) - Option
- Car Cigarette lighter - Option
- Instruction manual - 1pc

Safety Declaration:

Most gasoline injuries are avoidable if gasoline containers are properly used and safely stored. Here are a few tips to keep you safe at home, at work, or at play:

- The tool is not a toy, keep out of reach of children or pets.
- Avoid prolonged breathing of vapors.
- Do not siphon by mouth. If swallowed, it can be harmful or fatal. Do not induce vomiting if swallowed. Call physician immediately.
- Do not store in a vehicle or living space. Storing gas in your home is not just a serious fire hazard, but a public health hazard as well. Exposure to gasoline fumes is associated with certain health risks, therefore you should never store gas containers in your home or attached garage.
- Store and use in a well-ventilated area.
- Vapors can be ignited by an ignition source many feet away. Keep away from flame, pilot lights, stoves, heaters, electric motors, and other sources of ignition.
- Keep the fueling station closed when not in use.
- Do not smoke when using the fueling station.
- Turn off the equipment and let it cool before filling the gas tank.
- Using fuel to start or accelerate a fire is extremely hazardous and can lead to fires and explosions causing serious burns and even death.
- Use outdoors only, Gasoline should always be kept in an outdoor structure such as a tool shed, storage barn, or separate, unattached garage.
- Do not pump corrosive liquids or drinking water.
- When pumping gasoline and flammable liquids, be mindful of possible explosions, as flammable fluid fumes and gasoline vapors can be explosive hazards.
Avoid sparks and use only with adequate ventilation.
- Wear ANSI-approved safety goggles and heavy-duty, chemical-resistant work gloves during operation.
- Use as intended only. This station is intended for transferring gasoline, diesel, kerosene, DEF, antifreeze, windshield wiper fluid, non-potable water, light oils, and other non-corrosive liquids.
- Verify that all connections are tight before use to eliminate leaking.
- Do not pump waste oil and dirty oil.
- Remove batteries when not in use.
- 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.
- Follow all guidelines regarding materials being pumped, including SDS instructions and EPA regulations.
- Do not mix 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.
- Do not operate when tired or under the influence of drugs or medication.
- Inspect before every use; do not use if parts are loose or damaged.
- Maintain products and nameplates, as these contain important information.
- Do not run unit dry.
- Make sure suction tube is fully submerged in liquid before turning on.
- Rinse unit with water and wipe dry. Remove batteries and store in a clean, dry location out of reach of children.
- Disassembly of the fueling station is forbidden without authorization.

Product information:

Description and application

Powered Fueling Station 5 Gal. (20L) diesel gasoline fuel pump is here to transform your refueling experience! Designed for convenience, efficiency, and portability, this fuel pump is a must-have for anyone in need of a reliable fueling solution for work, home, which could transfer fuel from gas can to Cars, Tractors, Lawnmowers, Boats, Snow Blowers and more.

Specification:

- **Model:** FT705-DC
- **Tank Capacity:** 5 GALLON (20 LITRE)
- **Pump Max.Flow:** 3.8GPM(14LPM)
- **Operating environment temperature:** 41 °F-113°F(5°C-45 °C)
- **Power source:**

Four (4) AA batteries (not included)
DC 12V (By DC 12V Cable)
AC115V/230V(By AC to DC Adapter)
Car Cigarette lighter

Note: Above Accessories Depending on the configuration of different models

• Size instruction

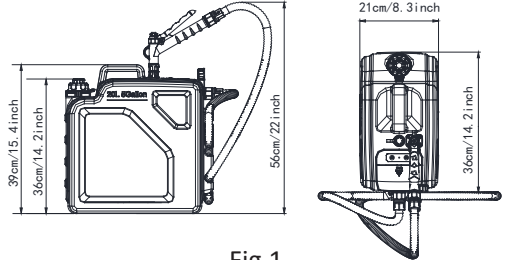


Fig.1

Compatible liquids

- | | | | |
|------------|------------|---------------------|-------------|
| ❖ Gasoline | ❖ Kerosene | ❖ Antifreeze | ❖ Light Oil |
| ❖ Diesel | ❖ DEF | ❖ Non-Potable Water | |

Operating Instructions

Read the ENTIRE WARNING section at the beginning of this manual including all text under subheadings therein before setup or use of this product.

How to connect the fueling station and nozzle group

1. Take out the tank station and nozzle group from packaging as shown in Fig.2

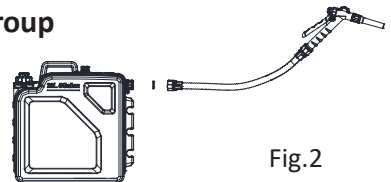


Fig.2

1. Open the outlet cap, connect the tank station and nozzle by hands or tool, ready for operating as shown in Fig.3

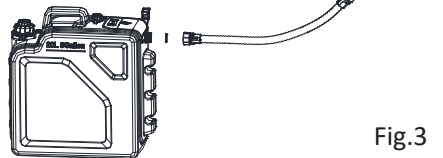
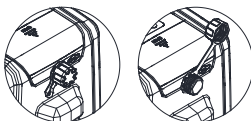


Fig.3

Note:

Always keep the gasket is properly installed, the missing or damage could cause leakage.

How To Fueling The Portable Fueling Station



Fig.4

How To Fueling to other equipment

1. Insert the nozzle into a fueling port (not included) and open the air vent cap as shown in Fig.5

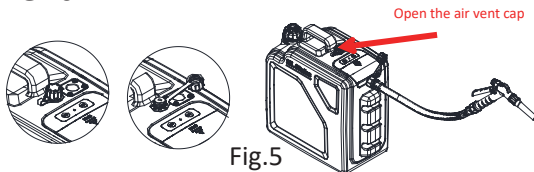


Fig.5

Note:

1. If the air vent cap is closed , the fuel cannot be pumped, or the fueling efficiency is lower. Please open the air vent hole before starting to fuel. Always ensure the seal gasket is in the air vent cap and not missing.

2. Open the nozzle, push the handle, and rotate the stopper. Keep the nozzle open as shown in Fig.6

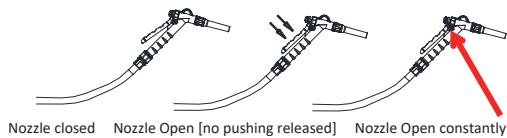


Fig.6

Note:

Please make sure the nozzle is open before turning on the pump, otherwise, fueling failure or other risk could occur. The fuel nozzle sets a stopper as shown. Rotate it to the stop position after opening the nozzle to keep it open when you release your hand. However, it is crucial to press the stopper promptly to close the fuel nozzle after refueling to prevent spills or overfilling.

3. Push the button ON, and start the fueling as shown in Fig.7

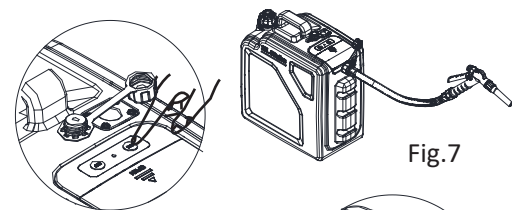


Fig.7

Note:

Please keep following the instruction and sequence, otherwise, fueling failure or other risk could occur.

After Fueling

1. Turn off the power, stop fueling as shown in Fig.8



Fig.8

2. Remove the nozzle from fueling port and raise it slightly to ensure that any residual fuel returns to the supply tank. Then, close the nozzle as shown in Fig. 9

Note:

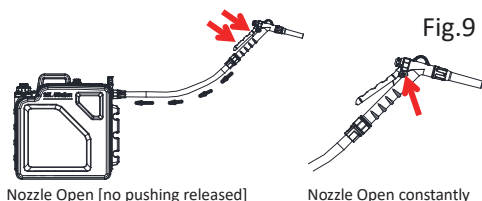
Please keep the nozzle open when you raise it up; otherwise, the excess fuel cannot return to the supply tank.

3. Close the air vent hole by cap as shown in Fig.10

4. Clean the nozzle and hose, and tidy them up.

Note:

Always keep the seal gasket in the air vent cap, ensuring there are no missing or damaged parts; otherwise, leakage and other risks may occur. Refer to Fig.11



Nozzle Open [no pushing released]

Nozzle Open constantly

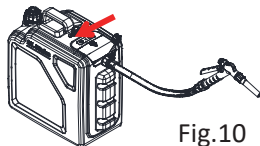


Fig.10

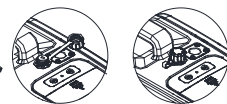
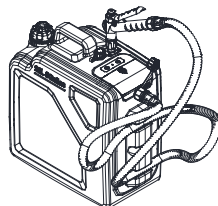


Fig.11



Fueling to other equipment by manual nozzle



Fig.12

Note:

Please only fueling by the manual model when the fuel pump can not be used in emergency, otherwise use the pump in priority always as Fig.13

How To Open The Battery Cover

Push the battery cover away in the direction of the arrow as Fig 14

How To Place The Batteries

Insert 4 AA batteries according to + and - signs as Fig.15

Direction Of Batteries as indicated

- * Replace all 4 batteries at the same time
- * Use the same brand/type of batteries

WHEN TO REPLACE THE BATTERIES

- ❖ Motor does not operate, even after pressing ON switch or transfer rate becomes slower than in normal operation.
- ❖ Batteries invalidate if they are stored for a long period of time. Check the expiration dates and change new ones.

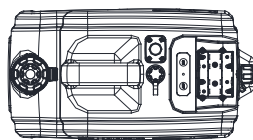


Fig.13

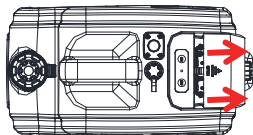


Fig.14

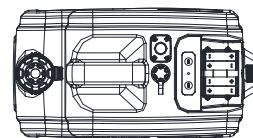


Fig.15

How to use the 12V battery power supply

1. Insert DC circular plug of the power cable into the pump power port as shown in as Fig.16
2. Connect to the battery, the red clamp and "+" pole , the black clamp and battery "-" pole (Note: "+/-" pole can not be inversely, otherwise the fuel pump cannot work).

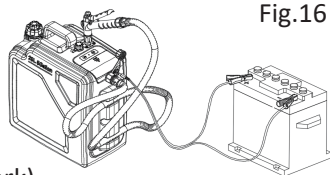


Fig.16

CAUTION: Please cut off the power before liquid is not enough, DO NOT RUN PUMP DRY!

How to use AC 120/230V power supply

1. Insert DC circular plug of the power cable into the pump power port as shown in Fig 17
2. Insert the adapter plug into the power socket as shown below.

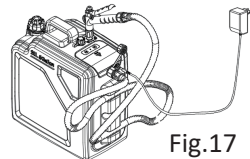


Fig.17

How to use Car Cigarette lighter power supply

1. Insert DC circular plug of the power cable into the pump power port as shown in Fig 18
2. Insert the Car Cigarette lighter adapter plug into the Car Cigarette lighter Output as shown below.

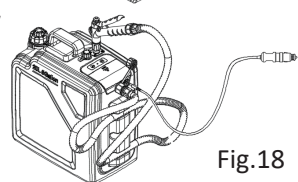


Fig.18

- Warning:**
1. Do not use any non-standard DC power cord or AC/DC adaptor that is not provided by the company.
 2. Do not connect the terminal plug without permission, otherwise it will damage the unit and cause danger.

NOTICE: Do not run unit dry, make sure the pump submerged in the liquid before turning on. After use, turn the switch OFF and remove batteries and store in a clean, dry location out of reach of children.

- Note:**
1. When the LED light is on, it indicates that the fuel pump is working properly.
 2. If the LED is not on, check if the battery has enough power or if the power supply is correct.

CARE & STORAGE

When the pump is not being used for periods of time, remove the batteries first.

Option 1:

1. Insert the nozzle to the nozzle seat on the fueling station.
2. Push the soft hose into the fixing slots as shown in Fig.19
3. Move the fueling station to a safe space.

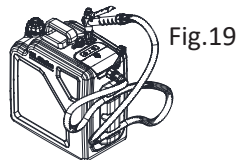


Fig.19

Option 2:

1. Disassemble the main unit and nozzle, and keep them clean as shown in Fig.20
2. Close the outlet port as shown in Fig.21
3. Package the fueling station and nozzle, and move them to a safe space as shown in Fig.20

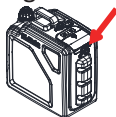


Fig.21

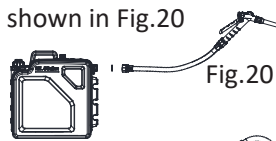


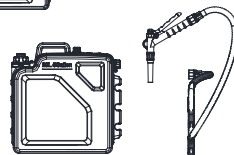
Fig.20

Note: Make sure all the cap and seal parts are in good condition, otherwise, leakage or other risk may occur.

Do not store the pump in an enclosed airtight container.

When the station is not being used for long periods of time, please empty the fueling station.

Fig.22



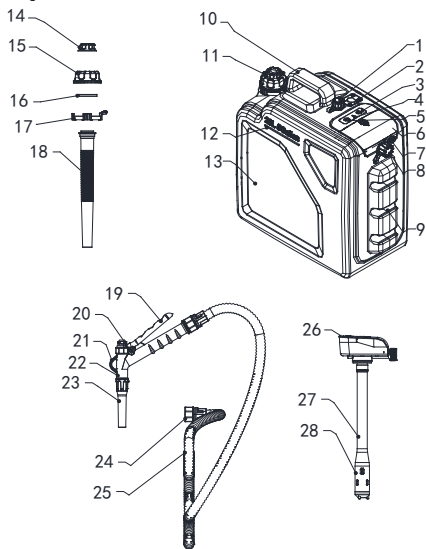
DO NOT :

- Do not transfer fuel while the 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 liquids, or with thinners, solvents, hot liquid, Acetone, Benzene, Ethyl , Phenol, Methyl , ethyl 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 run the pump 'dry' or let the pump idle without transferring(may cause failure of product)
- Do not expose the hole of sensor inlet transparent vessel under direct sunlight (may not stop automatically and overflow liquid)
- Do not put the product in a vehicle with all windows closed, in a direct sunlight area, or next to any heating appliances may cause an accident or transform the product).
- 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.
- Do not store the pump in an enclosed, airtight container.

MUST DO :

- Make sure to use the pump on an 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 to detach the tank from the pump when moving(Moving the tank while it is attached may cause a fuel leak).

Explode view and Part list:



1.Air vent & cap	15.Cap base
2.Nozzle seat	16.Gasket
3.Power ON	17.Child lock
4.Indicator lamp	18.Nozzle
5.Power Off	19.Nozzle trigger
6.Battery Cover	20.Stopper
7.DC Inport	21.Carrying handle
8.Outlet cap	22.Nozzle body
9.Discharge hose holder	23.Nozzle
10.Tank handle	24.Join nut group
11.Fueling inlet port	25.Discharge hose
12.Liquid level line	26.Controller
13.Fuel tank	27.Intake Pipe
14.Dust cap	28.Pump and motor

Troubleshooting

Failure model	Causes	Solutions
Pump does not work even after pressing ON	A: Batteries may be incorrectly placed. B: Batteries are depleted C: The output of the power adaptor is lower than 5V/2A D: The fuel is not enough in the tank. E: The air vent is close	A: Ensure the batteries are placed in the pump correctly B: Replace the batteries. C: Use a right power adaptor, the output is 5V/2A at least. D: Make sure enough fuel in the fueling station. E: Open the air vent.
Pump performance is low	A: Batteries are depleted B: Elevation of receiving tank is higher than supplying tank C: The air vent is close	A: Replace the batteries . B: Make sure that the receiving tank is not elevated above the Supplying tank. C: Open the air vent.
Pump starts after pressing ON button but then stops unexpectedly	Filter of receiving tank may be blocked	Clean the filter of the receiving tank
Pump immediately stops after pressing the ON button	Batteries are depleted	Replace the batteries
Motor stops before receptacle tank is full	A: Batteries are depleted B: The DC input power supply is insufficient	A: Replace the batteries B: Make sure the DC input is fully powered
Pump works but no fuel is transferred after pressing the ON button	A: The impeller is stuck or blocked by impurities B: The air vent is close	A: Remove the pump and clean out the impurities B: Open the air vent.
Leakage	The Sealing parts are missing or broken	Check the sealing of inlet-port, outlet port, and air vent and make sure they are secure.