

VEVOR

Upgrade · The Home Creator Way



DCFD40B

VEVOR Support Center

DC Fuel Transfer Pump

Model: DCFD40B

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Upgrade The Home Creator Way

MODEL: DCFD40B



This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

Warning-To reduce the risk of injury, user must read instructions manual carefully. The product complies with relevant standards and regulations. Installation of this device must comply with all applicable regulations, and it should only be operated in well-ventilated areas. Please read the user manual before installing and using this equipment. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children shall not play with the appliance. "This appliance is intended to be used in gas station, farm. Please use the product according to the intended use, warn of potential injury from misuse. Always disconnect the appliance from the supply if it is left unattended and before assembling, disassembling or cleaning. WARNING: Only use the supply unit provided with this appliance. Warning: Only use an external power supply that meets the specifications." Do not use the pump in flammable or explosive areas. Keep away from flames, sparks, mobile phones and static sources during operation.

Use only for the specified type of fuel. Do not use for unspecified flammable liquids.

Read and understand all instructions before installation and operation. Non-professionals are prohibited from installing, repairing or modifying the pump.

Ensure the power supply voltage matches the nameplate rating before connection. Do not reverse or incorrectly connect power.

The pump must be properly grounded during operation to prevent static electricity buildup that may cause fire or explosion.

Do not continue to use the pump if leakage, damage, abnormal noise or overheating occurs.

Do not smoke, use open flames or spark-generating tools during fuel transfer.

Ensure hoses and fittings are tightly sealed to prevent fuel leakage. Stop operation immediately if leakage is found.

Keep children away from the operating area. Do not allow children to operate or play with the equipment.

Do not leave the pump unattended while in operation.

Electrical connections must comply with explosion-proof and safety regulations. Do not plug or unplug power in hazardous areas.

If fuel contacts skin or eyes, flush with water immediately. If swallowed, do not induce vomiting and seek medical help at once.

Disconnect power, relieve pipeline pressure and clean residual fuel before maintenance.

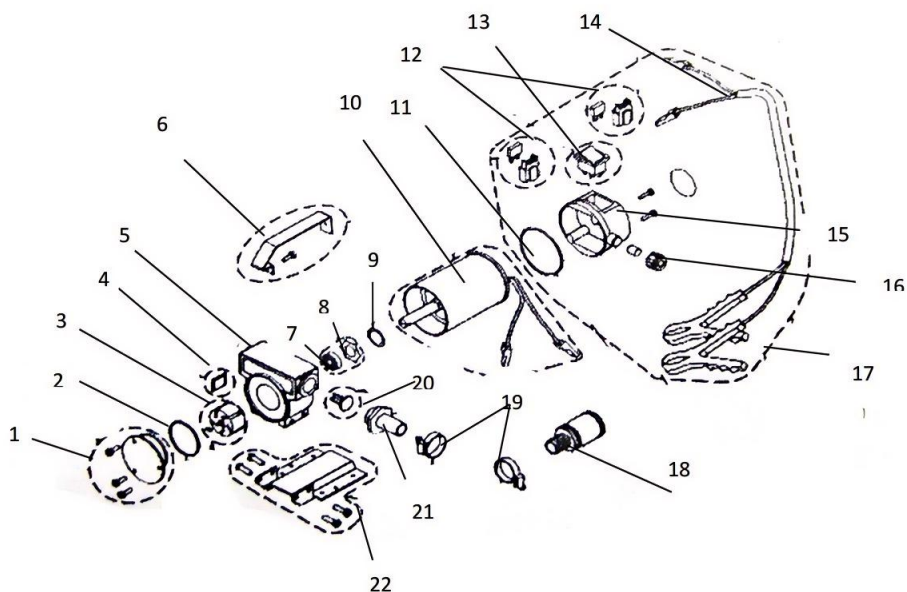
The pump is intended for specified fuel transfer only. Do not use for other purposes."

	Warning-To reduce the risk of injury, user must read instructions manual carefully.
	This product is subject to the provision of European Directive 2012/19/EC. The symbol showing a wheeled bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices

MAIN SPECIFICATIONS

Model	DCFD40B
Voltage	DC12V
Power	1/4 HP
Max Flow	10 GPM
Max lift	30 FT
Max Suction lift	7 FT
Applicable temperature	-25~50°C
Working hours	Work for 30 minutes, stop for 30 minutes (at room temperature).

Part List



No	Part Description	Qty	No	Part Description	Qty
1	Bolt	5	12	Carbob Brush,Brush Holder	2
2	O-Ring	1	13	Switch	1
3	Rotor	1	14	Cable	1
4	Vane	1	15	Plastic Cover	1
5	Pump Body	1	16	Cable Insulator	1
6	Handle	1	17	Cover	1
7	Seal Ring	1	18	Fliter	1
8	Bearing	1	19	Clamp	1
9	Snap Ring	1	20	Overflow Valve	1
10	Stator Shell	1	21	1"Swivel	1
11	O-Ring	1	22	Suppotor,Bolt&Nut	1

GENERAL SAFETY RULES

WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference. The term "power tool" in all of the warnings listed below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Pumping Warning

- a. This electric power tool can only be used to pump diesel oil. Pumping other liquids may damage the machine or pose a hazard.
- b. This set has been tested and calibrated prior to shipping. Trace elements of diesel may be present inside this pump.
- c. The continuous use time of the pump should not exceed 30 minutes. More than 30 minutes may cause the machine to stop.

2) Work area safety

- d. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- e. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- f. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

3) Electrical safety

- g. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- h. please Use a 12V power supply
- i. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- j. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- k. When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

4) Personal safety

l. a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

m. d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

n. f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

5) Power tool use and care

o. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

p. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

q. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

r. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

s. Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a - 4 - hazardous situation.

6) Service

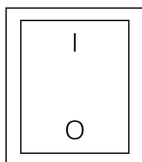
t. a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

Enviroment Condition

Temperature	-25℃ ~ +50℃
Relative Humidity	30% ~ 90%
Atmospheric Pressure	86Kpa ~ 106Kpa

OPERATION INSTRUCTIONS

1. Before electrical installation, ensure all parts are well installed, connected, grounded and well sealed.
2. Place the switch into the OFF position to prevent accidental spillage once power is engaged to the motor.
3. Pass the electrical wires to the power source and make sure the alligator clips are correctly connect to the negative (-) or positive (+) poles on the power source.
4. Open the fueling nozzle to fuel equipment.
5. When fueling is complete, return the nozzle to its storage position and turn off the Pump.



"I" : pump ON and flow move by the arrow direction.

"O": pump OFF.

COMMON TROUBLESHOOTING

Fault Appearance	Main Reason	Fault Resolution
Motor does not turn	(1)The power cable is not plugged in. (2)The motor has jammed (3)Capacitor failure	(1)Check the electric cable (2)Replace the motor (3)Replace capacitors
Motor turns, but no oil output	(1)Suction side not submerged in oil (2)Vaness worn or gear damaged	(1)Check the oil suction hose/pipe (2)Replace vaness or gear
Little oil-output	Plugged strainer	Clean strainer

