

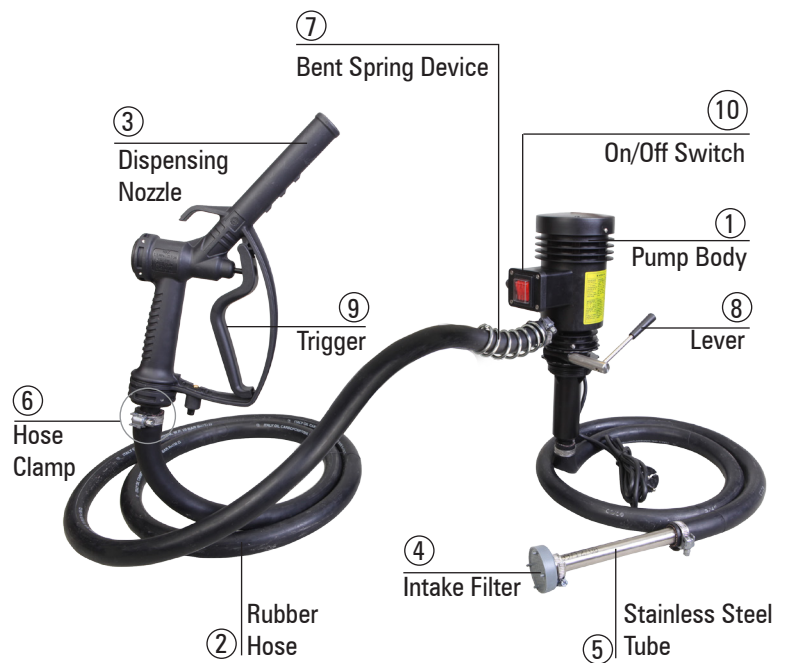
# Electric Oil and Fuel Pump

## EOP



**Congratulations on purchase of this World Class Electric Oil and Fuel Pump!**

- Vertical mount fuel and oil pump for light use in Industrial, Automotive, Heating and Marine applications.
- Equipped with a centrifugal electric motor with double insulation making it safe for use with water and emulsions.
- Manufactured from chemically inert materials.
- Comes with a Bent Spring Device to prevent the outflow of media due to Siphon action in case of accidental damage to the delivery hose or dispensing nozzle.
- Built in 2" Bung adaptor to fit on most of the drum sizes.



### PART DESCRIPTION

REFERENCE NUMBER	DESCRIPTION	QUANTITY
1	Pump Body ( including component 8 & 10 )	1
2	4 meter X 3/4" rubber hose (to be cut as required)	1
3	Dispensing Nozzle [ including trigger (9) ]	1
4	Intake Filter	1
5	Stainless Steel Tube	1
6	Hose Clamps	4
7	Bent Spring Device	1

## PUMP SPECIFICATION

DESCRIPTION	EOP/DC/12	EOP/DC/24	EOP/AC/110	EOP/AC/230
<b>Supply Voltage</b>	12V DC	24V DC	110V AC	230V AC
<b>Max. Flow Rate</b>	Upto 9.25 GPM (35 LPM)	Upto 9.25 GPM (35 LPM)	Upto 10.5 GPM (40 LPM)	Upto 10.5 GPM (40 LPM)
<b>Electric Motor</b>	0.43 HP Centrifugal Motor	0.43 HP Centrifugal Motor	0.43 HP Centrifugal Motor	0.43 HP Centrifugal Motor
<b>Amp Draw from the Battery</b>	9.2 Amp	5.6 Amp	2.9 Amp	1 Amp
<b>Aborbed Power</b>	110 W	135 W	320 W	224 W
<b>Insulation category</b>	III	III	II	II
<b>Discharge Head</b>	1 meter	1 meter	1 meter	1 meter
<b>Suction Pipe</b>	3/4" ID x 1 m long	3/4" ID x 1 m long	3/4" ID x 1 m long	3/4" ID x 1 m long
<b>Delivery Hose</b>	3/4" ID x 3 m long	3/4" ID x 3 m long	3/4" ID x 3 m long	3/4" ID x 3 m long
<b>Tank Adaptor</b>	2"G & M64x4	2"G & M64x4	2"G & M64x4	2"G & M64x4
<b>Inlet</b>	3/4" Hose Barb	3/4" Hose Barb	3/4" Hose Barb	3/4" Hose Barb
<b>Outlet</b>	3/4" Hose Barb	3/4" Hose Barb	3/4" Hose Barb	3/4" Hose Barb
<b>Dispensing Nozzle</b>	Manual Polypropylene Nozzle with 3/4" Hose Barb	Manual Polypropylene Nozzle with 3/4" Hose Barb	Manual Polypropylene Nozzle with 3/4" Hose Barb	Manual Polypropylene Nozzle with 3/4" Hose Barb
<b>Battery / Power cable</b>	3 m long with Battery Clamps	3 m long with Battery Clamps	2 m long with Plug	3 m long with Plug
<b>Water / Dust Protection</b>	IPX4 (protection against splashing water)	IPX4 (protection against splashing water)	IPX4 (protection against splashing water)	IPX4 (protection against splashing water)
<b>Noise Level</b>	70 db	70 db	70 db	70 db
<b>Working Temperature range</b>	-10°C to +40°C (14°F to 104°F)	-10°C to +40°C (14°F to 104°F)	-10°C to +40°C (14°F to 104°F)	-10°C to +40°C (14°F to 104°F)
<b>UL &amp; cUL Listed</b>	No	No	No	No
<b>CE</b>	Yes	Yes	Yes	Yes
<b>Use with Petrol &amp; other Flammable Fuels</b>	No	No	No	No

## INSTALLATION

1. Prepare the intake hose by cutting a sufficient length from the rubber hose to reach the bottom of the drum or tank. Use a clamp to keep the cut square. Cut with a Hose cutter or a Hacksaw uniformly.



2. Insert one end of the suction hose in the intake nozzle on pump body (1) and fasten in place with a hose clamp.



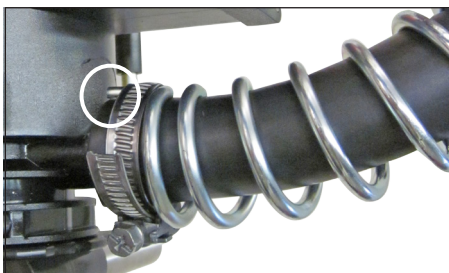
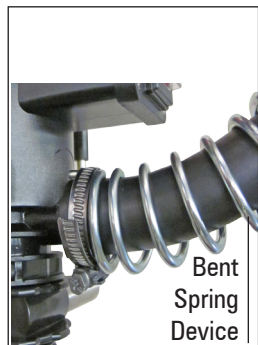
- Assemble the filter (3) on the suction hose and fasten in place with a hose clamp.



- Screw the pump body (1) onto the drum or tank, taking care to place the pump in a vertical position.



- Assemble the delivery hose onto the delivery nozzle of the pump body and fasten the bent spring over the delivery nozzle with a clamp as described on the "Bent Spring Device" instruction sheet.



Straight end of the bent spring should be oriented to the top of the pump and held by the clamp

- Assemble the dispensing nozzle (3) onto the opposite end of the delivery hose and fasten in place with a hose clamp.



- Now connect the pump to power source .

## ! WARNING

- The motor and switch are not of an anti-explosive type. Do not use the pump in areas where there is risk of explosion.
- Do not use the pump for gasoline, inflammable liquids with  $PM < 55^{\circ} C$ , Food Liquids, Corrosive Chemical Products and Solvents.
- Do not smoke or use open flame during refuelling.
- Avoid spilling diesel, which is harmful to the environment.
- Never operate the pump when empty.**
- Do not leave the motor running under delivery in closed condition ( i.e when the Trigger (9) is not pressed ) for more than five minutes .**
- The pump only works in a vertical position.
- The pump must only be used under the surveillance of the operator
- Before connecting the pump to the power supply, ensure that the voltage complies with the limitations indicated. Power that is out of specified limits can damage the electrical components.

**Max. acceptable variation = +/- 5% of the nominal value**

## COMMISSIONING AND USE

- PRIMING PROCEDURE :- Open the nozzle by pressing the trigger (9). Start the pump by repeatedly activating the lever (8) until the liquid starts flowing from the dispensing nozzle.
- When fluid starts flowing out, start the motor using the switch (10) and proceed to fuelling.
- When finished, release the Trigger and switch off the motor.

## ! WARNING

The operator must repeat "PRIMING PROCEDURE" under the following situations -

- After an extended stop,
- If liquid does not flow,
- If the motor is re-started
- After a power failure.

## EMERGENCY OPERATION

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In the case of power failure or when small quantities of liquid need to be transferred, it is possible to operate the pump manually, in the following manner:

- Keep the trigger (9) of the dispensing nozzle pressed ;
- Activate the lever (8) repeatedly ;
- Proceed to the transfer.

## DISASSEMBLY AND MAINTENANCE

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This pump requires little maintenance, but we recommend the periodic inspection, and if necessary cleaning of the intake filter , and the state of efficiency of the hoses and the dispensing nozzle, in order to ensure a long working life.

If the electric cable is damaged it must be replaced by a technically qualified person so as to prevent any risk.

Make sure that the place where the pump is installed is not susceptible to being overflowed.

### WETTED COMPONENTS

POM, Polypropylene, Stainless Steel, Nitrile Rubber, Viton & PTFE

### RECOMMENDED USE

Diesel, Kerosene, Water , Emulsions, Mineral & Synthetic Oils, Heating Oils, Antifreeze etc.



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