



EPC-4M2

High Pressure Cleaner

Operation Manual



Please read this instruction carefully before using this product and keep this manual carefully for future reference.

1. Notice for use

- Thank you for buying this cleaning pump, please check if your product is in good conditions, with the correct accessories.
- This manual gives instructions on the correct use. It is important that you follow these instructions carefully.

2. Caution

Warning

Before carrying out any adjustments or servicing, make sure the installation is disconnected from the power supply.

Warning

Do not run this pump without water.
Do not run in the place with explosion hazard and inflammables.

- 2.1** Do not run the pump continuously for more than 30 minutes. Please run again after 15 minutes to avoid long time continuous running to reduce the machine life.
- 2.2** To reduce the risk of fire and electric shock, avoid the use of damage of power cable.
- 2.3** To reduce the risk of corrosion pump, avoid the use of water with detergent.
- 2.4** Please ensure you are standing in a stable position. Hold the manual spray gun and the outlet pipe as tightly as possible.
- 2.5** Do not discharge the filter from inlet pipe to prevent the impurities blocking. If necessary, clean the inlet water filter.
- 2.6** Nozzle spray adjustment will affect the start of high-pressure control switch, please ensure the pump works normally.
- 2.7** Do not spray to other people, animals, the machine itself or electrical equipment.

3. Product introduction

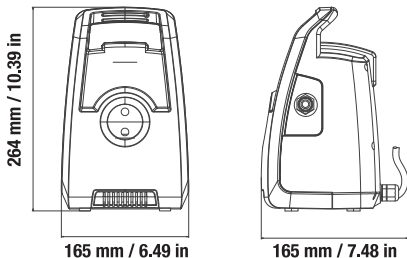
EPC series cleaning pump is designed according to the feature of domestic air conditioner and refrigerant equipment. The inner pump adopts with DC permanent magnet motor. This product has good performance for its light weight, high pressure, reliable and self-priming. The pump has an automatic cut-off with the pressure control and all accessories place in one bag, making it easy to carry.

4. Product description

4.1 Technical Data

Model	EPC-4M2
Voltage	100-120V~/50-60Hz
Power	80W
Flow rate	4L/min
Working pressure	0.7-1.0MPa
Weight	4kg-8.8lb

4.2 Dimension



4.3 All accessories



4.4 Operating Instruction

4.4.1 Check before operating (only qualified service personal should operate this unit, may require the user to be licensed for some countries). Make sure the product and all accessories are in good condition with no impurities blocking in the filter and manual spray gun. Lastly, verify the voltage used is being matched to the nameplate mentioned.

4.4.2 Cleaning process

- Connect the quick-connector of inlet pipe and outlet pipe to the pump, make sure to the correct position and fastness. ("IN"-inlet "OUT"--Outlet).
- It should discharge air during its first use. The pump can start working after connecting the spray gun while the switch is on for a few seconds.

- By turning the nozzle, you can vary the spray from a narrow jet to a fan jet, but notice this turning is limited in distance. There is a possibility that the nozzle could break away from the spray gun if a big turning is done.
- Check the inlet pipe with the filter. If all connectors show O-ring inside, then tighten with a spanner if there is a leakage.
- The green light will be shut off while loosening the handle of gun. (Red Light-Power on, Green light -work on).
- When cleaning the indoor Unit, please press the switch to "-", using the low-pressure to adjust the water under mist spray water mode. When cleaning the outdoor unit, please press the switch to "=", using the high-pressure to adjust the water under straight spray water mode..



- Take away the outlet pipe while the pressure gauge returned to "Zero" position. Otherwise high-pressure water will spray to workplace.
- Disconnect all device, secure without water inside, then put back to the storage box.

5. Maintenance

Warning

Before carrying out any adjustments or servicing, make sure the installation is disconnected from the power supply.

To ensure the long-life and performance of cleaning pump, it should need regular cleaning to avoid blocking, special for inlet pipe filter, nozzle, and spray gun filter

6. Troubleshooting

Problem	Cause	Action
Pump isn't operating at all	<ol style="list-style-type: none"> 1. power doesn't reach the pump 2. the voltage isn't correct 3. the temperature is too low . 	<ol style="list-style-type: none"> 1. check the power and switch 2. make sure to keep the input voltage with in rated voltage $\pm 5\%$ 3. increase the temperature
Pressure is not enough	<ol style="list-style-type: none"> 1. the inlet pipe or filter blocking 2. the system has the air 3. the inlet and outlet pipe has been bended 4. the impurities inside 	<ol style="list-style-type: none"> 1.clean the inlet pipe filter 2.disconnect the gun, switch on for few second to exhaust the air 3. check and correct 4. remove the impurities
Water leakage	<ol style="list-style-type: none"> 1. the connection doesn't locked enough 2. o-ring damaged 	<ol style="list-style-type: none"> 1. check the connection and tighten them again 2. change the o-ring
Motor doesn't stop while	<ol style="list-style-type: none"> 1. the impurities inside 2. leakage on the connection 	<ol style="list-style-type: none"> 1. remove the impurities 2. tighten the leakage point
Runing with noise	<ol style="list-style-type: none"> 1.pump is sucking air 2.inner parts damaged 	<ol style="list-style-type: none"> 1.check the water level and inlet pipe 2.repair the pump ,change the parts .