

VEVOR[®]

TOUGH TOOLS, HALF PRICE

Technical Support and E-Warranty Certificate

www.vevor.com/support

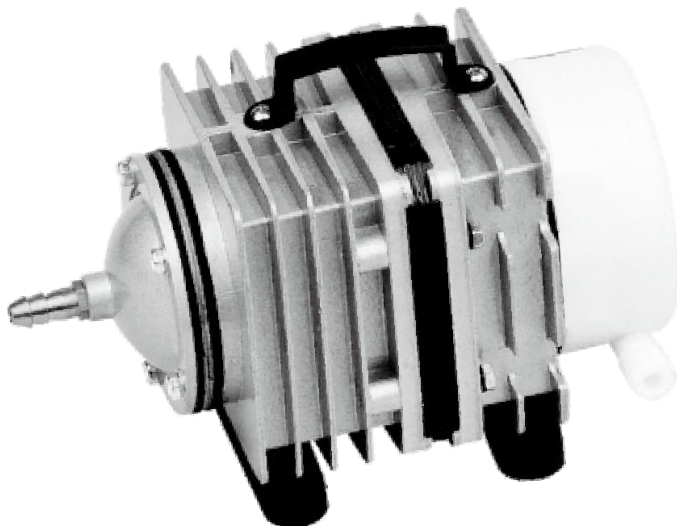
ELECTRICAL MAGNETIC AIR PUMP

MODEL: ACO-005

We continue to be committed to providing you tools with competitive price.

"Save Half", "Half Price" or any other similar expressions used by us only represent an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and do not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

MODEL: ACO-005



NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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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.

IMPORTANT SAFEGUARDS

WARNING:

Read all safety warnings, instructions, illustrations and specifications provided with this pond aeration. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

Basic Safety Information:

1. Pulling or dragging the product with the power line is not allowed.
2. When pulling out the plug, please hold the plug itself, do not pull the power cord.
3. Do not cut and replace the power plug by yourself. Otherwise, serious consequences may incur.
4. Operation of the product is not allowed in case of damage to the power
5. line or the shell.
6. The disassembling and dismounting of the product by non-professionals is not allowed.
7. In case the electrical magnetic air pump drops into water, please cut off the power supply before dredging it out. Then it should be handed over to professionals for check and maintenance.
8. Electrical shock hazard: Do not touch the electrical magnetic air pump with wet hands or while standing on a wet surface. Always use the electrical magnetic air pump in a dry environment and plug it into a properly grounded outlet.
9. Fire hazard: Do not use the electrical magnetic air pump near flammable or combustible materials. Keep the electrical magnetic air pump away from sources of heat or sparks, such as flames, cigarettes, or electrical appliances.
10. Explosion hazard: Do not use the electrical magnetic air pump with gases that are flammable, explosive, or poisonous. Always check the safety data sheet (SDS) of the gas before using it with the electrical magnetic air pump. Additionally, do not exceed the specified pressure range for the electrical magnetic air pump.
11. Corrosion hazard: Do not use the electrical magnetic air pump with

gases that can corrode metals or exert chemical charges. Check the compatibility of the gas with the materials of the electrical magnetic air pump and its accessories. Always use protective gloves and eyewear when handling corrosive materials.

12. Do not use a damaged plug or outlet, as this can cause electrical shock or fire.

13. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.

14. This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be done by children without supervision.

SAVE THESE INSTRUCTIONS

PREFACE

Dear Customers:

Many thanks for your choice of ACO series magnetic air pump. For more efficient performance and safety, please kindly read this manual carefully and keep it good for future reference. Hope the air pump could satisfy you well.

SCOPE OF USE

This series of pumps is a non-lubrication one, which gives off very clean air. It can be used for aquatic breeding, restaurant and live aquatic product keeping, and also can be used for food packing, printing, spraying, electronic circuit board welding, supporting medical equipment, environmental equipment, the use of gas stoves, etc.

PACKAGE LIST

1. Air pump * 1
2. Connecting hose * 1
3. Air distributor * 1
4. Check valve * 8

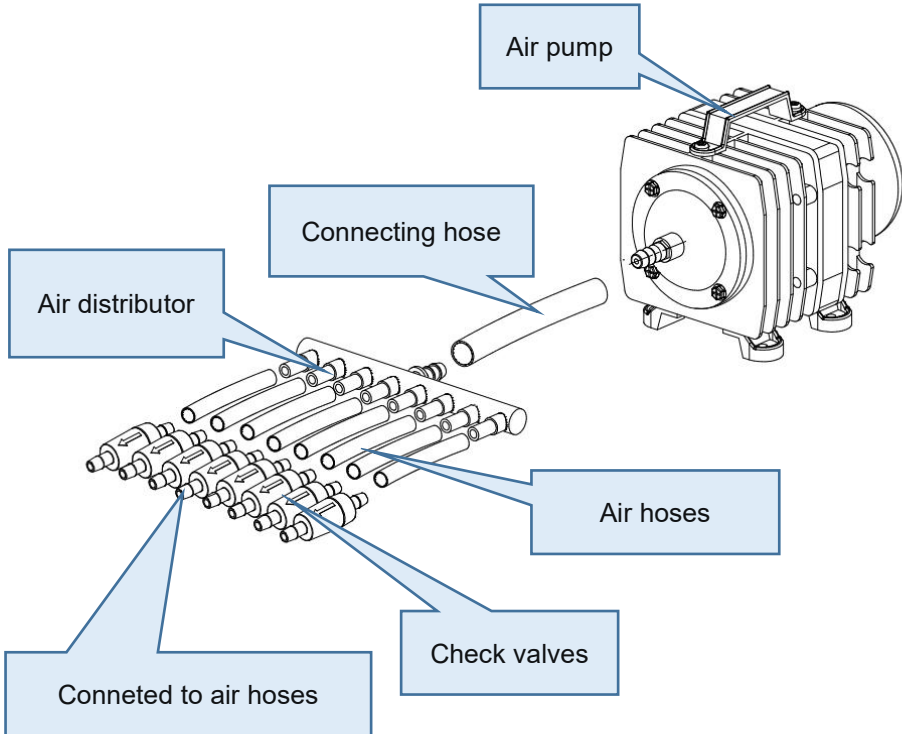
FEATURES

1. Convenient to operate without oil, noise, and air pollution.
2. Cylinders and pistons are made of excellent materials, which are strong and durable and have little wear after a long time of working.
3. The structure is compact and innovative modeling, using high-quality materials, advanced manufacturing, small size, and lightweight.
4. Smooth operation.
5. Energy, gas volume, the ratio of the electromagnetic pump air compressor power is about one-fifth of the traditional structure, a significant energy-saving, low-voltage suitable for only exhaust pressure, the number of gas occasions.

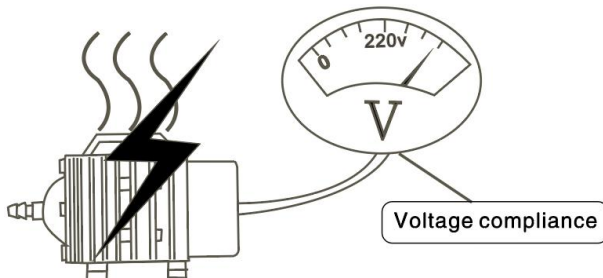
DIRECTIONS FOR USE

Installation and connection instructions:

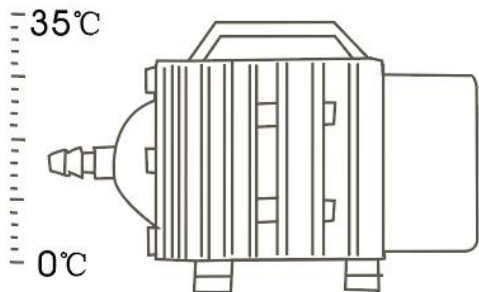
The air pump is plugged in first, the hose is plugged in the air pump, the distributor is plugged in the hose, the soft tube is plugged in the distributor, and the stop valve is plugged in the soft tube.



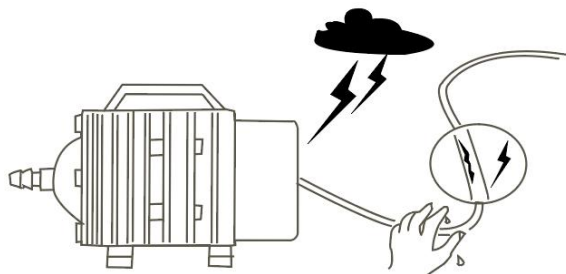
The use of power (voltage and frequency) allows fluctuations $\pm 10\%$ with the power indicated on the air pump nameplate (labels) not too high or too low are normal and extreme damage to the pump.



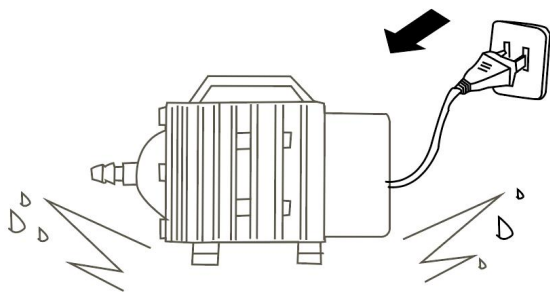
The working environmental temperature should be within 0 °C~35 °C, and maintaining good ventilation and smoothness to prevent excessive temperature rise. The air pump should be prevented from being rain-drenched and soaked with water, not in the heat of the sun or the dusty environment.



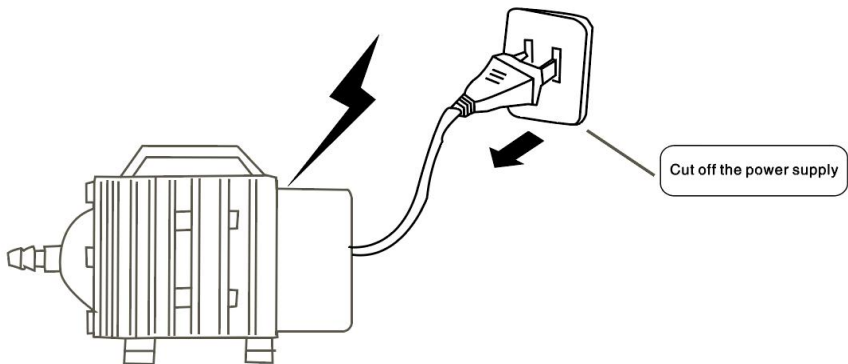
Before using it, make sure the earth line is well-equipped. Do not touch the power with wet hands.



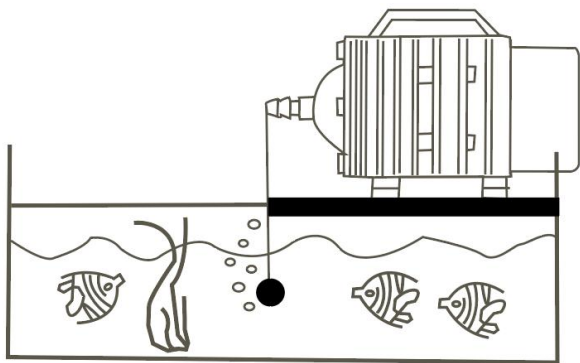
If it falls into the water, please cut off the power first and then take it out of the water. You must use it after the skilled worker makes sure it is safe for you to use it.



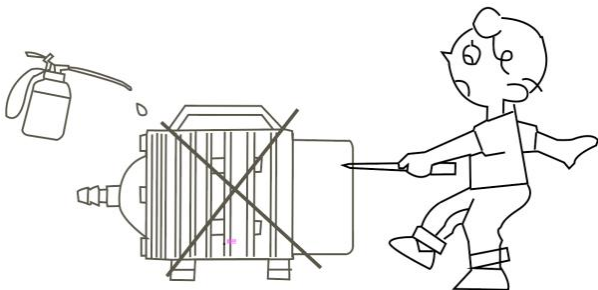
If you find an electricity leak, please cut off the power at once. You should use it after it is repaired.



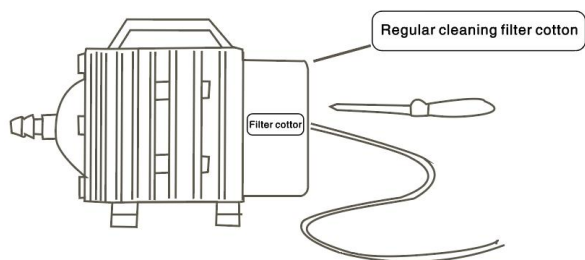
The pump must be installed flatly 20 centimeters above the water level and kept immovable in order to prevent liquid from flowing back and the pump from breaking.



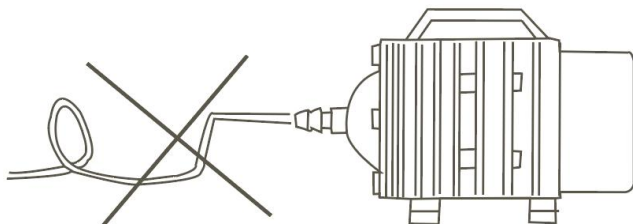
The pump couldn't bear oil, water, and collision.



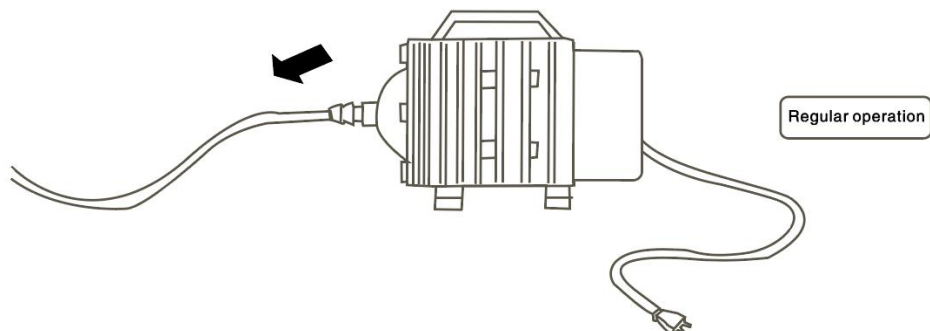
You should clear the filter sponges at least once every month.



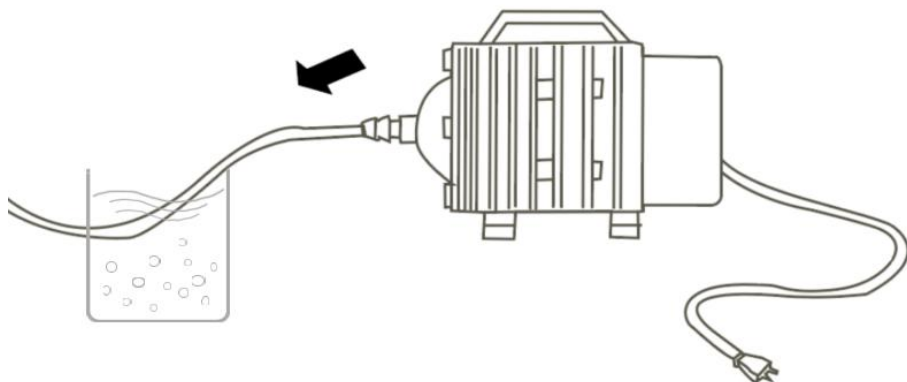
The general acreage of the tube should not be less than 85% of the acreage of the pump outlet. Try to equip the tube with a bend of fewer than 120 degrees to avoid excessive pressure losses and affect results.



Cut off the power if you don't use it for a long time and put it in a ventilated place. Please operate it for about ten minutes every month in order to make sure it is not broken and could run smoothly when you need it.



The machine generates heat during operation, which can slightly warm the air and water. If temperature sensitivity is critical for the aquatic environment, it is recommended to pass the air tube through a simple chiller water tank before entering the aquarium to prevent an increase in aquarium temperature.

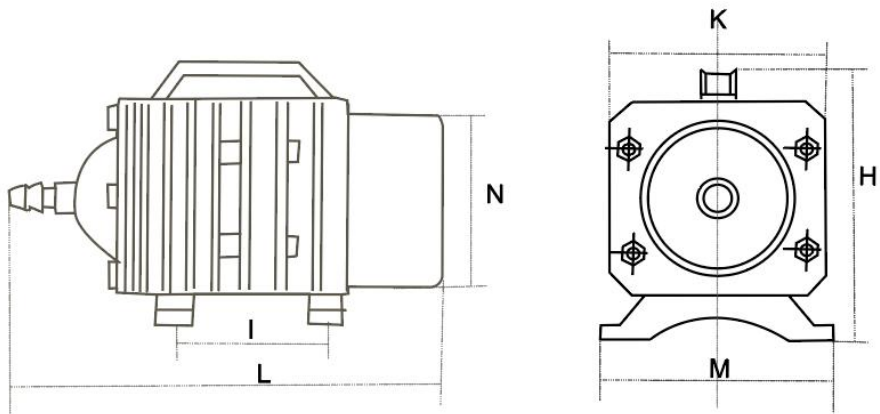


Troubleshooting:

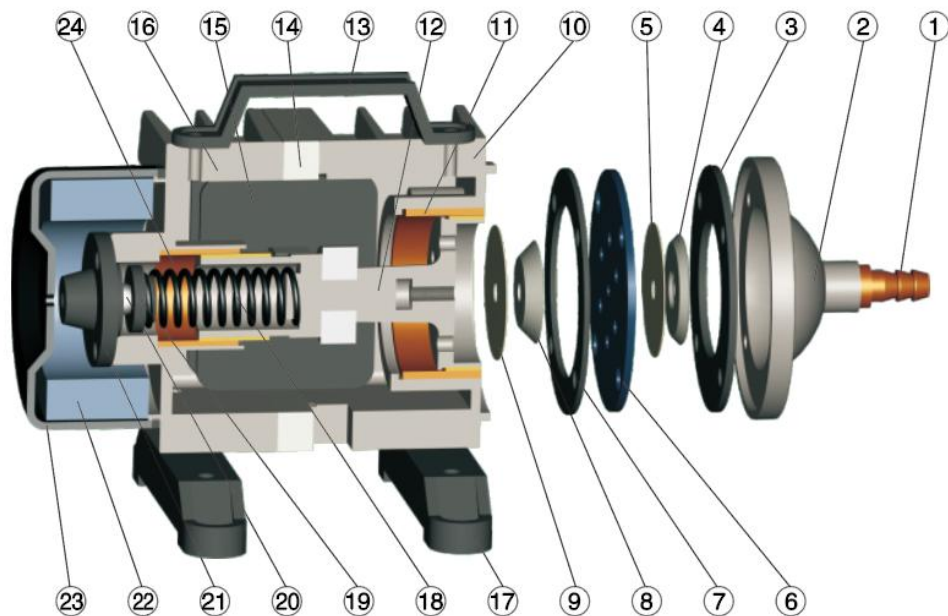
Issue of working	Possible causes	Recommended solutions
The noise becomes louder after a period of time	Improper installation causes wear of moving parts	Follow horizontal installation instructions, use rubber feet for shock absorption.
It cannot be used after a period of time	Fuselage water damage	Avoid installation in open area and avoid water.
		Avoid installing water levels higher than the machine.
		Equipped with check valve fittings to prevent back-flow.
	Diaphragm life loss	Check diaphragm condition and follow the manual to replace it if necessary.
If the capability is reducing, please check the following.	Whether the voltage is beyond a certain range	Please check the voltage AC110~120V 60Hz
	Whether the air filter, tube, the joint is broken or stocked.	Check whether the pipes are damaged or blocked
	Whether the pump valve or the diaphragm is broken or stocked.	Please check whether the diaphragm is damaged, replace it if needed.
	If located in a bad air-circulated place, it will lead to a higher temperature and a lower volume. Please improve the heat diffusing.	Reserve space for heat dissipation.

OUTLOOK DIMENSIONS

(Model)	L (mm)	K (mm)	N (mm)	I (mm)	H (mm)	M (mm)
ACO-005	215	82	98	79	132	99



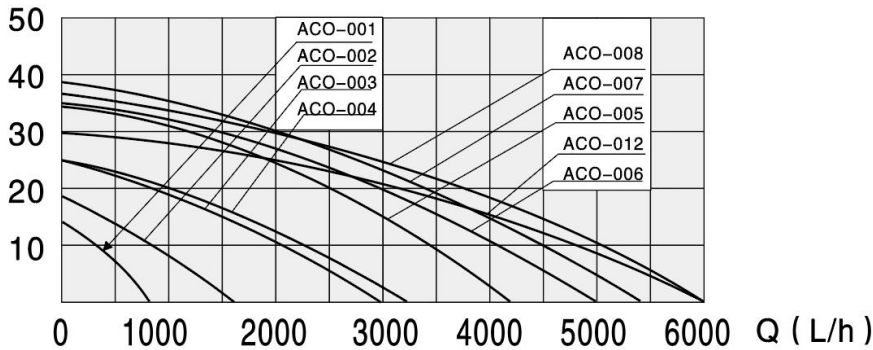
STRUCTURE DIAGRAM



NO.	NAME	NO.	NAME	NO.	NAME
1	Outlet Nozzle	9	Film	17	Vibration Counteract Bracket
2	Outlet Cover	10	Front Casing	18	Compressing Spring
3	Gasket (one)	11	Free Maintenance Bearing (one)	19	Spring Block
4	Outlet Board	12	Guide Shaft	20	Steel Ball
5	Film	13	Handle	21	Steel Ball Bracket
6	Outlet Flange	14	Stator Coil	22	Filter Sponge
7	Gasket (two)	15	Winding	23	Inlet Cover
8	Film Board	16	Back Casing	24	Free Maintenance Bearing (two)

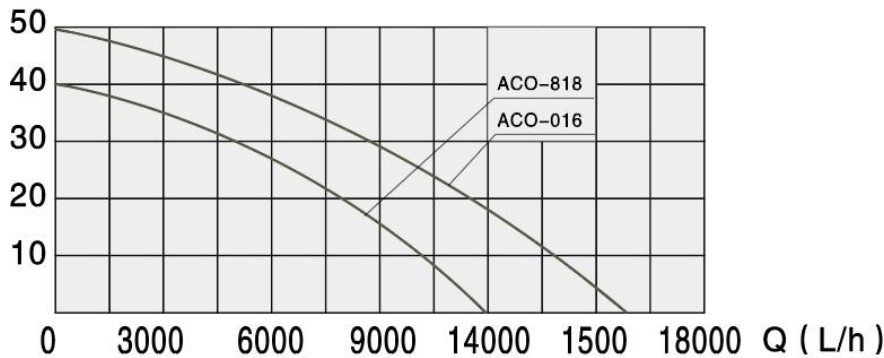
FUNCTION CURVES

P (Kpa)



FOR YOUR REFERENCE

P (Kpa)



FOR YOUR REFERENCE

TECHNICAL TABLE

(Model)	(Voltage)	(Power)	(Pressure)	(Output)	(Weight)	(Dimensions)
ACO-005	220V/50Hz	80W	0.035MPa	70L/min	2.8kg	212x99x132mm

FCC statement:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1)This device may not cause harmful interference, and (2)this device must accept any interference received, including interference that may cause undesired operation.

Made In China

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