

Mini Aeration System

Aeration

Matala[®]
"Make water alive"

MEA Pro Mini 2000

Pond Aeration is now easier than ever!



INSTALLATION INSTRUCTIONS



Features and benefits:

- Breathe life into your pond !
- Improve fish health.
- Reduce algae growth and sludge build up.
- De-ice to prevent winter fish kill.
- Application for aquaculture, small koi pond.
- High efficiency.
- Simple maintenance.
- Completely oil-free.
- Silent operation.
- Long life expectancy.

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INSTALLATION INSTRUCTIONS:

Step 1 The pump should be placed indoor and in a stable place. The place should be dry and less dust, and can not be soaked.



Step 2 Connect the air hoses to the outlets of the MEA Pro Mini 2000. And make sure the air hose is not twisted or kinked.



Step 3 Install the check valves between the air pump and the diffusers. Make sure the arrow on the check valve is pointing to the diffuser discs.



Step 4 Plug in the power 110~120V GFCI protected outlet. Do not use extension cords.

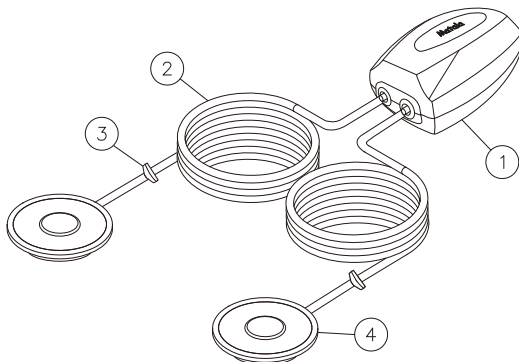


Notice: not properly protected MEA Pro Mini 2000 connection element will void the warranty.

PRODUCT CONTENTS:

Model:MEA Pro Mini 2000

NO.	DESCRIPTION	SPEC	Q'TY
1	Air pump	0.34CFM	1
2	Air hose	ØID5/32inchx30ft ØID4mmx9m	2
3	Check valve	—	2
4	Diffuser disc	MD-3W (3.5")	2



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SPECIFICATIONS

Mini Aeration System

Specification	Item	MEA Pro Mini 2000
Max flow	(cfm) / (lpm)	0.34 / 9.5
Rated voltage	(V)	110~120V
Power supply frequency	(Hz)	50 / 60
Closed pressure	(psi) / (bar)	3.1 / 0.21
Power	(W)	6W
Outlet		2 ways
Maximum air depth		8.5ft
Suggested pond size		Up to 2,000 gallons
EPDM membrane diffuser discs		MD-3W (3.5") x2 pcs
Air hose		Ø1D5/32inchx30ftx2rolls / Ø1D4mmx9mx2rolls
Check valve		2 pcs
Mini air pump dimensions: LxWxH	(inch) / (mm)	5.9x3.5x2.4 inch / 148x90x65 mm
G.W.	(lbs) / (kg)	4.4 / 2.0

* The above specification are subject to change without prior notice.

WARRANTY:

Limited Warranty:

Matala will repair or replace for the original user any portion of a new MEA Pro Mini 2000 (excluding replacement air diaphragm cartridges) which proves defective due to materials or workmanship within 1 year of purchase date. Proof of purchase required. Contact the nearest authorized dealer for warranty service.

Matala shall possess the sole right to determine whether to repair or replace defective equipment, parts or components.

When the air pump is losing air pressure, it is recommended to replace the air diaphragm and can be obtained from an Authorized Distributor.

THIS WARRANTY DOES NOT COVER DAMAGE DUE TO LIGHTNING OR OTHER CONDITIONS BEYOND THE CONTROL OF Mini Air Pump.

THE WARRANTY WILL NOT APPLY:

- (a) to defects or malfunctions resulting from failure to properly install, operate, or maintain the unit in accordance with printed instructions provided.
- (b) to failures resulting from abuse, accident, or negligence.
- (c) to normal maintenance services and the parts used in connection with such service. Such as air diaphragm cartridges.
- (d) to units which are not installed in accordance with applicable local codes, ordinances, and good trade practices.
- (e) if unit is used for purposes other than for what it was designed and manufactured for.
- (f) if unit or components have been tampered with or modified in any way by an unauthorized dealer or repair shop.

MEA Pro Mini 2000

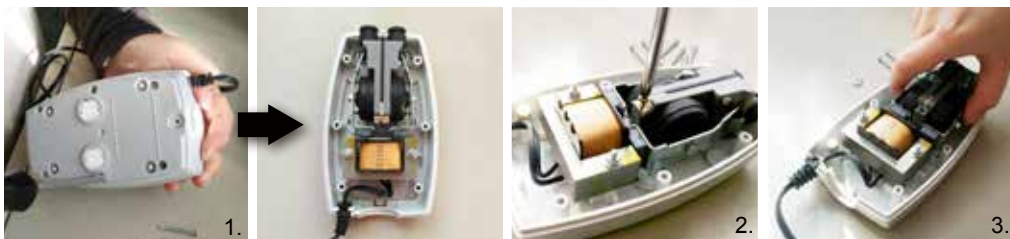
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OPERATION AND MAINTENANCE

When the air pressure drops (tear or wear), change the diaphragm cartridge to bring the air pump back to work.

Be sure to unplug the power before doing the replacement.

1. Remove the six screws located at the bottom and open the cover.
2. Remove the screw and mounting clip that secure the air diaphragm cartridge to the base.
3. Installing the new air diaphragm cartridge, and reassemble all parts by reversed orders.



Notice: Don't place the diffuser disc at the bottom of the pond in winter. The fish are overwintering in the deeper portions of the pond. Instead, place the diffuser about 1" to 1-1/2" below the water surface.

TROUBLESHOOTING

Problems	Possible Cause	Remedy
Loss of airflow	Check valves	Arrow pointing in the direction of the air flow
	Air hose	Not kinked, restricted, leaks or clogging
	Air diaphragm cartridge	Replace
	Air filter	Replace or clean

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Think Progressive !