

PondMAX

WATERGARDENING TO THE MAX™

PA SERIES AERATION KIT INSTRUCTION MANUAL



DATE
NOVEMBER 2021 v1.0

PondMAX USA
888.868.1185
www.pondmax.com

MODEL
PA8



WELCOME TO THE WORLD OF PONDMAX. YOU MADE THE RIGHT CHOICE INVESTING IN THIS QUALITY PRODUCT. THANK YOU AND ENJOY.

TECHNICAL SPECIFICATIONS

DESCRIPTION	PAS
RECOMMENDED POND SIZE	Up to 1250 GAL.
MAX. OPERATING DEPTH	4 FT
AIR FLOW RATE	0.30 CFM / 8.5 LPM
POWER	6 WATTS
VOLTS	115 V
FREQUENCY	60 HZ
AIR STONES	x 2
CHECK VALVES	x 2
CABLE LENGTH	5-1/2 FT
AIR TUBING SIZE (ID. X LENGTH)	1/8" x 30FT (1 Roll)
PRODUCT ORDER CODE	23PA208

LIMITED WARRANTY

This product is warranted to the initial purchaser to be free of defects in materials and workmanship at the time of initial purchase and for a period of 2 years for PondMAX® PA Series Aeration Kit. Some parts are consumable and may need to be replaced as part of ongoing product maintenance and are not covered entirely by this Warranty. In the event this product malfunctions within 2 years from the date of purchase, the sole obligation of PondMAX USA (hereinafter referred to as PondMAX) will be to repair the unit or replace with an equivalent new or factory refurbished unit at PondMAX's discretion, subject to the following condition:

- The malfunction is proved attributable to a defect in materials or workmanship, including repairs performed under this warranty. Malfunction for any other reason-including but not limited to misuse, negligence, accident, or tampering with parts, incorrect wiring, or improper installation will not be remedied under this warranty.
- PondMAX specifically does not guarantee chemical compatibility, and expressly does not warrant units from any problems caused by chemical attack or failure due to incompatibility of fluid being circulated by pump.
- All warranty repairs must be performed by PondMAX or a PondMAX authorized company.
- Purchaser must retain the purchase receipt and present it with this certificate as proof of ownership and entitlement to warranty repairs. Unauthorized repairs will not be compensated by PondMAX, and are not the responsibility of PondMAX, and if such repairs damage the product, such damages are not remedied under this warranty.
- Purchaser shall bear all shipping, packing and insurance costs and all other costs, excluding labor and parts necessary to effectuate repairs under this warranty.
- This warranty is in lieu of all other express warranties which now or hereafter might otherwise arise with respect to this product. Any and all limited warranties, including the warranties of merchantability and fitness for particular purpose, shall have no greater duration than the duration period of the express written warranty applicable to this product, and shall terminate automatically the expiration of such duration period. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. No action shall be brought for breach of any implied or express warranty after one year subsequent to the expiration of the duration period of the express written warranty.
- Incidental and consequential damages caused by malfunction, defect, or otherwise, and with respect to breach of any express or implied warranty, are not the responsibility of PondMAX, and, to the extent permitted by law, are hereby excluded for property damage, loss of livestock and, to the extent not unconscionable, for personal injury damage. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
- This warranty does not apply to any malfunction arising out of any application of this product other than normal use, unless such application is upon request specifically approved in writing by PondMAX.
- The provisions of this warranty are severable and if any provision shall be deemed invalid, the remaining provisions shall remain in full force and effect.
- Rights under this warranty are not assignable without the express prior consent in writing by PondMAX and, regardless of the terms of such consent in writing, such assignee shall have no greater rights than his assignor had against PondMAX.

Please consult your dealer for quality original PondMAX® replacement parts and Warranty support.

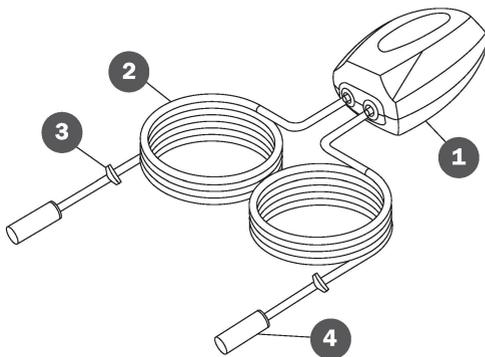
Visit www.pondmax.com for a dealer near you, or call us at 888.868.1185.

EXPLODED VIEW

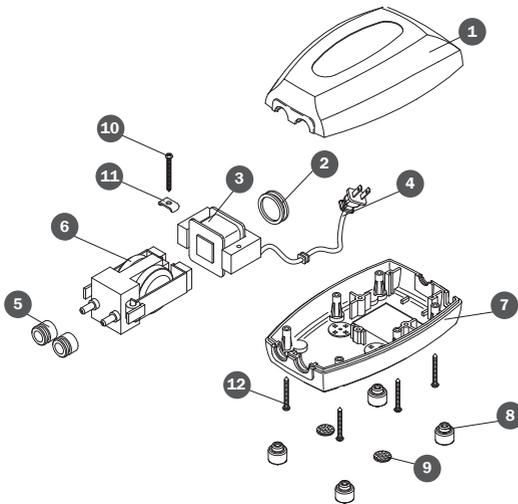


IMPORTANT

These accessories and attachments are recommended for use with your PondMAX product specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use the accessory or attachment for its stated purpose.



Item #	DESCRIPTION	SPECS	QTY
1	Air pump	0.30CFM	1
2	Air tubing	Ø ID 1/8" x 30ft	1 Roll
3	Check valve	-	2
4	Air stone	OD 0.8" x L 2"	2



Item #	DESCRIPTION	QTY
1	Pump cover	1
2	Plug	1
3	Electromagnet	1
4	Power cord	1
5	Bushing	2
6	Diaphragm set	1
7	Base	1
8	Rubber feet	4
9	Filter	2
10	Screw (diaphragm set)	1
11	Holding plate	1
12	Screw housing	6

PA SERIES AERATION KIT

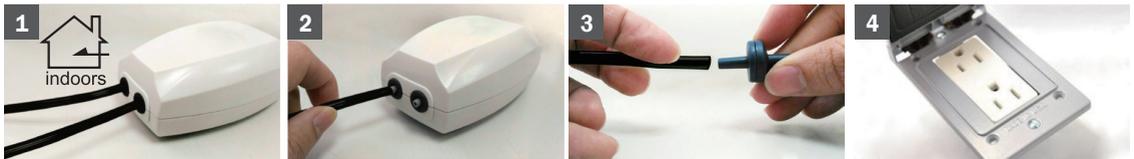
INSTALLATION

Step 1: The pump should be placed indoors and in a dust free, dry and well ventilated location. Protect from sun, rain, snow, flooding, dirt, and excess heat. The base of the air pump should be a minimum of 3 inches above the water level of the pond to avoid flooding the pump due to siphon effect.

Step 2: Connect the air tubing to the outlets of the PA Series Air Pump. Make sure the air tube is not twisted or kinked. Avoid long distances of air tube over 15 feet to keep the air pump cool. Cut the air tube to the shortest length possible.

Step 3: Install the check valves between the air pump and the air stones. Make sure the arrow on the check valve is pointing to the air stones, and avoid flooding the pump due to siphon effect. Place the air stones in the bottom of the pond and the ideal depth is 3 feet or less.

Step 4: Plug into the power 110-120V GFCI protected outlet. Do not use extension cords.



OPERATION & MAINTENANCE

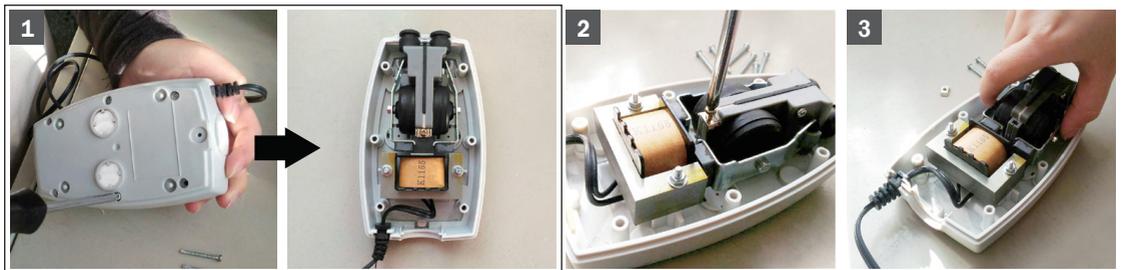
When the air pressure drops (wear & tear), change the diaphragm set to bring the air pump back to work. It is recommended to change the diaphragm set once a year to maintain optimal flow. Be sure to unplug the power before doing the replacement.

Step 1: Remove the six screws (item #12) located at the bottom and open the pump cover (item #1)

Step 2: Remove the screw (item #10) and holding plate (item #11) that secure the diaphragm set (item #6) to the base.

Step 3: Installing the new diaphragm set, and the reassemble all parts by reversed orders.

Note: Don't place the air stones at the bottom of the pond in winter. The fish are overwintering in the deeper portions of the pond. Instead, place the air stones about 1 to 1-1/2ft below the water surface.



TROUBLESHOOTING

Problem	Possible Cause	Solution
Loss of airflow	Check valves	Arrow pointing in the direction of the air flow
	Air tube	Not kinked, restricted, leaks or clogging
	Diaphragm set	Replace
	Air filter	Replace or clean