PondMAX

WATERGARDENING TO THE MAX™

PA SERIES
AERATION KIT
INSTRUCTION MANUAL



PondMAX USA
888.868.1185
www.pondmax.com

DATE
JUNE 2025 v2.0

MODEL
PA7
PA14

PondMAX

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

TECHNICAL SPECIFICATIONS

DESCRIPTION	PA7	PA14
RECOMMENDED POND SIZE	Up to 750 GAL.	Up to 1500 GAL.
MAXIMUM PUMPING DEPTH	4 FT	6 FT
PUMP FLOW RATE	0.25 CFM / 7 LPM	0.5 CFM / 14 LPM
POWER	5 WATTS	9 WATTS
AIR HOSES	1-15 FT	2-15 FT
AIR STONES	2" Sphere	2" Spheres x 2
CHECK VALVES	x 1	x 2
SPARE DIAPHRAGMS	x 2	x 2
CABLE LENGTH	6 FT	6 FT
PRODUCT ITEM NO.	23PA207	23PA214

WARNINGS

This air pump can be used by children aged from 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 use of the air pump in a safe way and understand the hazards involved. Children shall not play with the air pump. Cleaning and user maintenance shall not be made by children without supervision. 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.

IMPORTANT

1. Do not connect to any voltage other than stated.
2. Disconnect main electricity supply before installation or maintenance.
3. Never submerge the air pump.
4. Do not attempt to modify this unit in any way and only use the recommended parts for replacement.
5. Please use in dry environment.
6. If the unit fails, disconnect completely for the pond or aquarium prior to servicing.
7. Please unplug the unit and store it in a cool and dry place if it will be unused for an extended length of time.

FEATURES

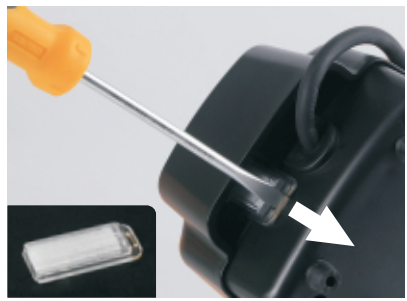
1. Special artificial rubber to keep a steady air output and pressure.
2. Advanced air-compressing system, damping system and multi-level muffler for minimal noise.
3. The unit is compact with a long service life.

REPLACEMENT PARTS: (NOTE: THESE ARE THE MOST USED)

ITEM NO.	DESCRIPTION	IMAGE
31PA107	PA7 Diaphragm & Magnet Replacement Kit	
31PA114	PA14 Diaphragm & Magnet Replacement Kit	
15316C	PA7 & PA14 Air Hose	
28PA092	PA7 & PA14 Sphere Air Stone	
28PA102	PA7 & PA14 Air Hose & Sphere Air Stone Combo	
31PA207	PA7 Diaphragm Set	
31PA214	PA14 Diaphragm Set	
31PA274	PA7 & PA14 Air Filter	

MAINTENANCE

Regularly clean your air hose and air stone (if in use) or change the sponge to ensure maximum output and prolonged lifespan. With its special design structure, the installation of filter sponge for or PA7 and PA14 is shown here.



DIAPHRAGM REPLACEMENT FOR PA7



1. Take the PA7 Air Pump out of the the box.



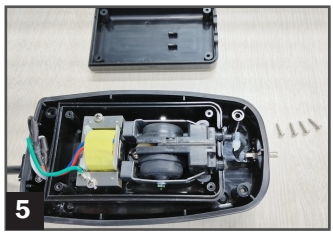
2. Remove the 4 screws at the bottom of the air pump housing.



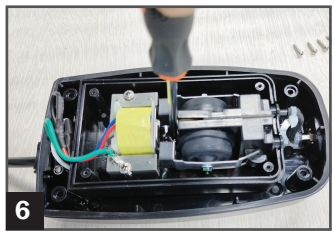
3. Open the top housing of the air pump.



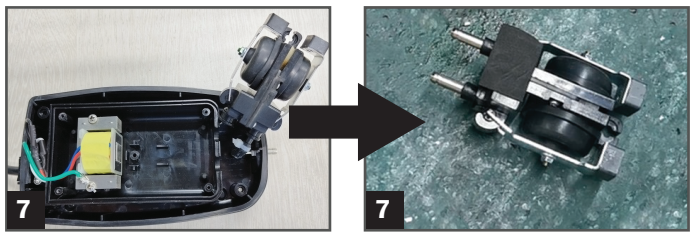
4. Remove the 4 screws inside the air pump.



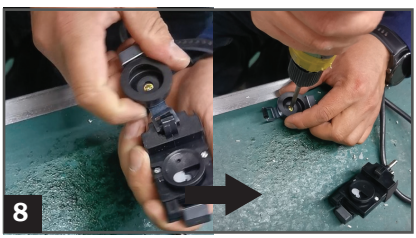
5. Open the internal housing.



6. Replace air chamber with Diaphragm and Magnet Kit



7. Take out the diaphragm and magnet kit and disconnect the air tubing.



8. Remove the 1 screw at the center of the diaphragm, and take out the diaphragm.



9. Repeat Step 8 to remove the other diaphragm, then replace with 2 new diaphragms as needed.

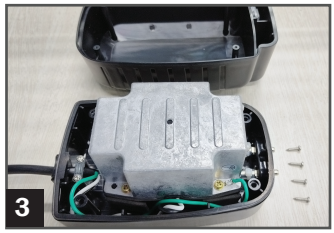
DIAPHRAGM REPLACEMENT FOR PA14



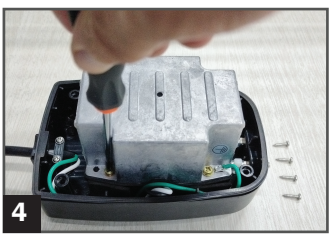
1. Take the P14 air pump out of the box.



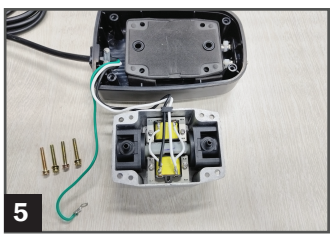
2. Remove the 4 screws at the bottom of the air pump housing.



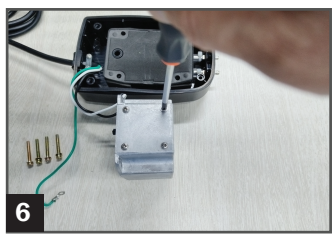
3. Open the top housing of the air pump.



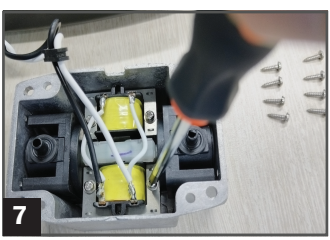
4. Remove the 4 screws from the aluminum shell inside the air pump.



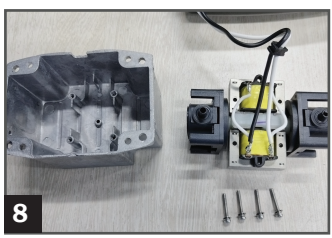
5. Open the internal housing.



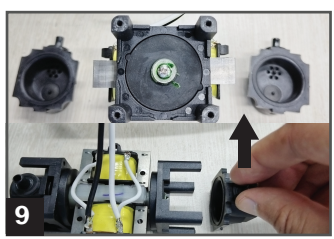
6. Remove the 8 screws on each side of the aluminum shell.



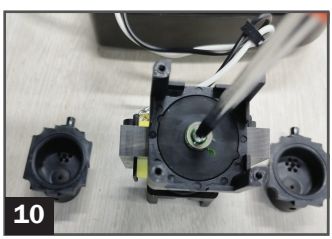
7. Remove the 4 screws from the Diaphragm and Magnet Kit.



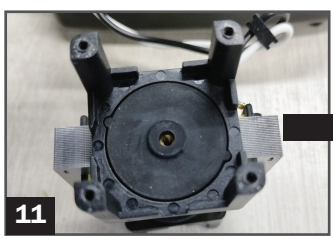
8. Take out the Diaphragm and Magnet Kit.



9. Disassemble the air chamber on the each side.



10. Remove the 1 screw at the center of the diaphragm.





11. Take out the diaphragm, then replace it with 2 new diaphragms as needed.

LIMITED WARRANTY

- CMT Group LLC, a California limited liability company d/b/a PondMAX™ USA (the "Company") expressly warrants to the original purchaser that, for a period of one (1) year from the date of sale, the covered product (the "Product") will be reasonably free of defects in materials and workmanship and that when property handled, will conform, within accepted tolerance to applicable manufacturing specifications. This Limited Product Warranty ("Limited Warranty") only applies to Company's Products that are used, stored, handled, and installed in the manner recommended by the Company in the Product instruction manual.
- Notwithstanding this Limited Warranty, customer acknowledges that some parts of the Product are consumable and may need to be replaced as part of ongoing Product maintenance, as recommended in the Product instruction manual, and are therefore not covered by this Limited Warranty.
- Company will, at its option, repair or replace Product without charge, if the Product fails or does perform as warranted solely due to a manufacturing defect within the warranty period, subject to the exclusions set forth in this Limited Warranty.
- Repair or replacement during this one (1) year warranty shall not include: reasonable labor charges necessary to repair or replace the defective Product, shipping costs, and packing and insurance costs. During the entire one (1) year warranty, Company's obligation as to repair or replacement shall further be limited to repair or replacement with the models of the Product that are available at the time of the repair or replacement, and shall be limited to the repair or replacement of only the specific Product that fails due to a manufacturing defect. Any repaired or replaced Product shall also remain subject to the original one (1) year warranty from the date of the original sale, and any repair or replacement shall not extend the original warranty period in any manner or start a new warranty period.
- You may obtain coverage under this Limited Warranty by providing Company with proof of original purchase. For service under this Limited Warranty, you must first contact the seller, distributor, retailer, or dealer from whom you purchased the Product and provide the following: copy of original receipt, your name and address, a description of the Product (including the serial number/date code set forth on the Product), and the nature of the defect. To expedite any warranty claims and processing, please submit to us the product registration card included with your purchased Product promptly after your purchase.
- All warranty repairs must be performed by the Company, or a Company authorized third-party. Any repairs performed by you or an unauthorized third-party will not be compensated by Company and are not the responsibility of the Company and will void this warranty.
- DISCLAIMER OF WARRANTIES: Company's Products must be stored, handled, installed, used, and maintained in accordance with instructions provided by Company, and this Limited Warranty is conditioned upon compliance with all such instructions. Copies of the Company's use guide/care guide are included with the Product and available from the Company at the address listed below. You may also obtain these materials by contacting Company at (888) 868-1185 or on the Company's website www.pondmax.com.
- This Limited Warranty does not cover defects caused by:
- non-compliance with Company's use guides, care guides, and/or instruction manual. Such failures include, but are not limited to, exposure to physical abuse, including, but not limited to chemical abuse (e.g. harsh cleansers and solvents), thermal abuse or shock (e.g. excessive heat or cold), incompatibility of fluid used near the Product, or misuse;
- improper storage, installation, handling, and/or use of the Product;
- damage not resulting from manufacturing defects that occur while the Product is in the customer's possession;
- unreasonable or unintended use of Product;
- products installed with known or visible manufacturing defects at the time of installation;
- minor conditions such as stains, scratches, etc.
- Any information or suggestion by Company with respect to the Products concerning applications, specifications, or compliance with codes and standards is provided solely for your convenient reference and are made without any representation as to accuracy or suitability. You must verify and test the suitability of any information with respect to the Products for your specific application.
- THE WARRANTIES SET FORTH IN THIS LIMITED WARRANTY ARE THE ONLY WARRANTIES MADE BY COMPANY IN CONNECTION WITH THE PRODUCT. COMPANY CAN NOT AND DOES NOT MAKE ANY IMPLIED OR EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, AND DISCLAIMS ALL OTHER WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. PRODUCTS SOLD BY COMPANY ARE SOLD ONLY TO THE SPECIFICATIONS SPECIFICALLY SET FORTH BY COMPANY IN WRITING. OTHER THAN THE LIMITED WARRANTY SET FORTH HEREIN, COMPANY MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. COMPANY'S SOLE OBLIGATION UNDER THIS WARRANTY SHALL BE REPAIR OR REPLACEMENT OF NON-CONFORMING PRODUCTS. BUYER ASSUMES ALL RISK WHATSOEVER AS TO THE RESULT OF THE USE OF THE PRODUCTS PURCHASED, WHETHER USED SINGULARLY OR IN COMBINATION WITH ANY OTHER PRODUCTS OR SUBSTANCES.
- LIMITATION OF LIABILITY: No claim by the buyer/owner of any kind, including claims for indemnification, shall be greater in amount than the purchase price of the Product in respect to which damages are claimed. IN NO EVENT SHALL COMPANY BE LIABLE TO BUYER/OWNER IN TORT, CONTRACT OR OTHERWISE, FOR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL, RELIANCE, STATUTORY, SPECIAL, PUNITIVE OR EXEMPLARY DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, LOSS OF USE, LOSS OF TIME, LOSS OF REVENUES, INCONVENIENCE, LOSS BUSINESS OPPORTUNITIES, DAMAGE TO GOOD WILL OR REPUTATION, OR LOSS OF DATA, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR SUCH DAMAGES COULD HAVE BEEN REASONABLY FORESEEN, IN CONNECTION WITH, ARISING OUT OF, OR AS A RESULT OF, THE SALE, DELIVERY, SERVICING, USE OR LOSS OF USE OF THE PRODUCT SOLD HEREUNDER, OR FOR ANY LIABILITY OF BUYER TO ANY THIRD PARTY WITH RESPECT THERETO.
- All provisions of this Limited Warranty are severable and if any provision shall be deemed invalid, the remaining provisions shall remain in full force and effect.
- Please consult your retailer for quality original Company replacement parts.
- Visit www.pondmax.com for your nearest dealer.
- Contact Information:
- Any question concerning this warranty should be addressed to:

  PondMAX USA
  P.O. Box, 341
  San Leandro, CA 94577
  Phone: 888.868.1185
  Email: info@pondmax.com
  Website address: www.pondmax.com