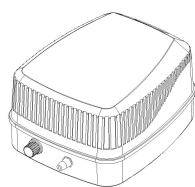


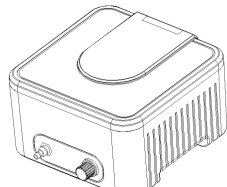
200*200mm

Instruction Manual

Pond Aeration Kit (JP08/JP16)



JP-08



JP-16

- Improves oxygen and circulation
- Helps biological processes in ponds
- Stops water freezing for ponds in winter
- All-in-1 with all the accessories
- Flow adjustable
- Super quiet operation

Thanks for buying this product. To ensure you use the product safely and correctly, please read thoroughly this instruction before use.

Please note that we are not responsible for any failure caused by misuse or improper maintenance.

SAVE THIS INSTRUCTION FOR FUTURE USE.

Important Safety Precautions

- NEVER PLACE THE AIR PUMP IN WATER.
- Please operate the appliance under the rated voltage and frequency indicated on pump rating label or instruction manual.
- This pump is solely intended to pump air. DO NOT use for oil, solvents, or any petroleum products.
- DO NOT pull the power cord to move the pump.
- DO NOT change plug or shorten power supply cord by yourself.
- Always use a properly grounded AC outlet. DO NOT immerse the pump's plug in water or attempt to plug in a wet plug.
- Always unplug the unit from its power sources before installing or servicing. Should the unit appear to be not working, DO NOT attempt to reach, remove, or disassemble before disconnecting from the power source.

Warning: In case the pump falls into the water, cut off the power before any further action is taken.

Installation

1. Make sure you have all the accessories in the package.

JP-08: 1x manifold, 1x short tubing, 2 x check valves, 2 x air stones, 2 x 25ft of airline rolls

JP-16: 1x manifold, 1x short tubing, 4 x check valves, 4 x air stones, 4 x 25ft of airline rolls

2. PLACE THE PUMP IN A DRY, WELL VENTILATED AND SHADED PLACE, WHERE IT WILL NOT BE EXPOSED TO WATER, EXCESSIVE DUST AND MOISTURE.

3. Make sure the air pump is placed above water level. If the air pump is placed below water level, a check valve should be used to avoid the water from backflow.

CHECK VALVE.The check valve is included in the package. To use the check valve, cut the airline tubing into 2 pieces, connect one piece to the inlet of the check valve, and another piece with the outlet of the check valve. Make sure the direction (inlet and outlet) is correct as the check valve only allows air to flow one-way.

4. Follow the sequence below for the connection.

Air pump outlet – short tubing – manifold – airline tubing – air stone

- Connect the manifold to the outlet of the pump with the SHORT TUBING.
- Connect the airline tubing to the manifold. Follow the CHECK VALVE section for the connection of the check valve if the pump is placed below water level.
- Then connect the other end of the airline tubing to the air stone.
- Position the air stone at the desired place in the pond.

5. Adjust the flow. The flow is adjustable by turning the regulator on the pump and on the manifold.

Maintenance

Caution: Before the maintenance, make sure the below is strictly followed.

- 1.Disconnect the tubing from the pump;
- 2.Then unplug pump.

Anti-dust filter

The air pump doesn't need any particular maintenance. However, periodical cleaning of the anti-dust filter, which is positioned in the back of the upper housing, is needed. Simply lift up the small filter cover with your fingers, you will find a small piece of filter pad in the cover. Simply blow it with a blower, or tap it gently.

If the filter gets too dirty, you will need to replace it. We don't provide the replacement pad as it is very easy to find the same or similar material in the market.

Membrane

If there is a notable decrease of air output, the pump membrane and the related parts might need to be replaced. Check with your retailer for the availability of the membrane. The availability of the membrane will be dependent on regulation of the local laws as in some countries the users are not allowed to do the self-maintenance.

Air Stones

Through normal use, the air stones will eventually become clogged with buildup and debris. Periodically clean air stones with a brush throughout the season. We recommend replacing the air stones every season for maximum performance.

Winter Care

This air pump can be operated through freezing conditions. If not running the pump through the winter, the pump should be properly covered or stored in a frost-free location.

Troubleshooting

If you have loss of airflow, check the following:

- **Air Flow Adjustor.** Check to make sure the air flow adjustor has not been turned down.
- **Air Filter.** Check air filter for excessive dust and debris and clean.
- **Airline.** Check the airline for signs of leaks or clogging. Also check the airline for kinks restricting airflow.
- **Air Stones.** Check air stones for excessive buildup and clean or replace.
- **Membrane.** If the above has been checked and airflow is still reduced, it may be time to replace your membrane.

Technical Data

Model	Pond Size	Voltage /Freq.	Power	Max. Flow	Pressure	Max. Water Depth
JP08	UP TO 1500GAL	120V/60Hz	8W	160GPH	0.02MPa	2.5ft
JP16	UP TO 3000GAL	120V/60Hz	12W	254GPH	0.025MPa	3ft