

# Oase



## AquaOxy

2500, 5000, 7500

### Operating instructions

Original operating instructions

 **WARNING**

- ▶ Disconnect all electrical units in the water from the power supply before reaching into the water. Otherwise there is a risk of injuries or death by electrocution.
  - ▶ This unit can be used by children aged 8 and above and by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they are supervised or have been instructed on how to use the unit in a safe way and they understand the hazards involved. Do not allow children to play with the unit. Only allow children to carry out cleaning and user maintenance under supervision.
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## Safety information

### Electrical connection

- Special regulations apply to electrical installation in outdoor areas. Only allow a qualified electrician to perform the electrical installation.
  - The qualified electrician has the required professional training, knowledge and skills to perform electrical installations in outdoor areas. The qualified electrician can detect potential risks and adheres to regional and national standards, regulations and directives.
  - For your own safety, please consult a qualified electrician.
- Only connect the unit if the electrical data of the unit and the power supply match.
- Only plug the unit into a correctly installed outlet. Ensure that the unit is fused for a rated fault current of max. 30 mA by means of a fault current protection device.
- Extension cables and power distributors (e.g. outlet strips) must be suitable for outdoor use (splash-proof).
- Protect open plugs and sockets from moisture.

### Safe operation

- Do not use the unit, if electrical lines or the housing are damaged.
- A damaged connection cable cannot be replaced. Dispose of the unit.
- The impeller unit inside the unit contains a magnet with a strong magnetic field that may affect the operation of pacemakers or implantable cardioverter defibrillators (ICDs). Keep the magnet at least 0.66 ft (0.2 m) away from any implant.
- Do not carry or pull the unit by its power cable.
- Never make technical modifications to the unit.
- Only carry out work on the unit that is described in this manual.
- Only use original spare parts and accessories.
- Route lines so that they are protected from damage and nobody can trip over them.
- Should problems occur, please contact the authorized customer service or OASE.

## Intended use

Only use the product described in this manual as follows:

- For enriching normal pond water with oxygen.
- In compliance with the technical specifications.

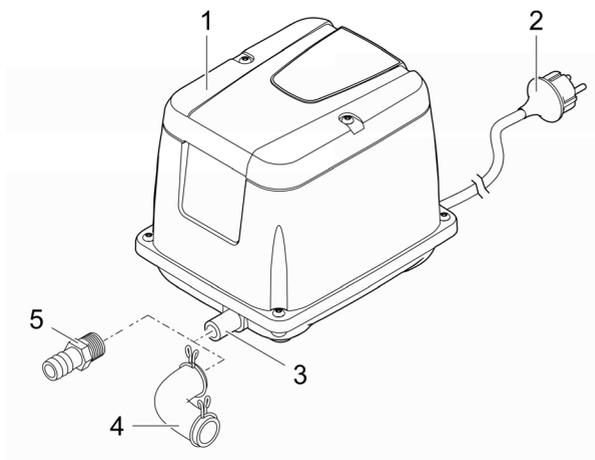
The following restrictions apply to the unit:

- Do not use for commercial or industrial purposes.

## Product description

The unit sucks in air from the environment and pushes it into the pond through a hose fitted with an aeration element (accessory). This provides your pond water with vital oxygen and can prevent it from freezing over in winter.

## Overview



AOY0021

- |   |   |
|---|---|
| 1 | AquaOxy   |
| 2 | Power plug  |
| 3 | Air outlet  |
| 4 | Hose nozzle <ul style="list-style-type: none"> <li>• For connecting a hose with an inside diameter of 0.31 in. (8 mm).</li> </ul>                           |
| 5 | Rubber adapter with two hose clamps <ul style="list-style-type: none"> <li>• For connecting the AquaOxy air manifold (accessories), for example.</li> </ul> |

## Symbols on the unit

# IP X4

The unit is protected against the ingress of spray water.



Protect the unit from direct sunlight.



Never dispose of the unit with normal household waste.



Read the operating instructions.

## Installation and connection

### ⚠ WARNING

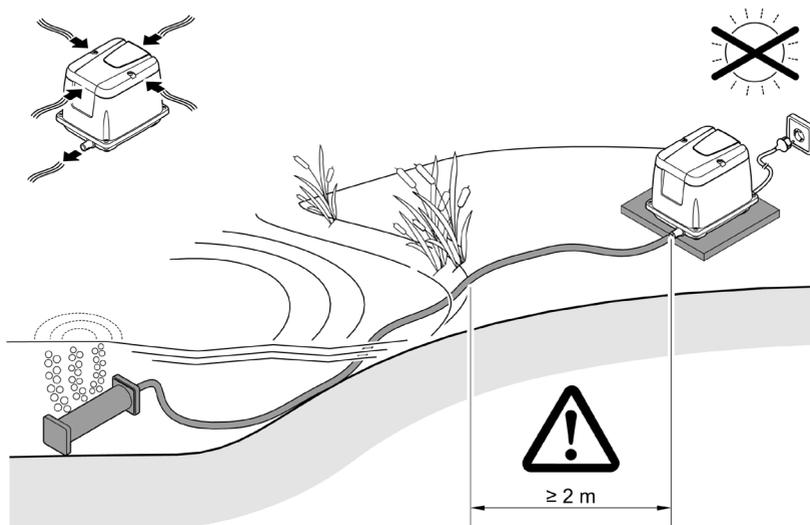
The unit carries hazardous electric voltage and must not be installed immediately adjacent to water. Otherwise, there is a risk of injuries or death by electrocution.

- ▶ Install the the unit in a flood-protected position at a distance of at least 6.6 ft (2 m) from the water.

### NOTE

- ▶ Make sure that no water is flowing into the unit through the hoses as this can damage the unit.
- ▶ If the unit is switched off at intervals (e.g. via a timer) for several hours at a time, condensate can form on the inside of the unit, which can damage it. For interval operation, therefore, only install the unit in an enclosed space at room temperature.

- ⓘ The metal components inside the unit may corrode at high humidity levels. This is a normal occurrence and not a basis for a claim within the framework of the guarantee or warranty.



AOY0022

- Install the unit horizontally on a firm, mud-free surface. Ensure that the unit is securely positioned.
- Do not place the unit in direct sunlight as this can cause it to heat up significantly. Use a protective cover if necessary.
- The air inlet gap around the perimeter of the lid must not be covered over.
- Position the aerator element (accessory) in the desired positions inside the pond.
- Lay the air hose so that it is protected from damage and nobody can trip over it.
- Keep air hoses as short as possible to optimize the aeration effect.

## Commissioning/start-up

### Switching ON/OFF

- **Switching on:** Plug the power plug into the outlet.
  - The unit switches on immediately.
- **Switching off:** Pull the power plug from the outlet.

## Maintenance and cleaning

### Cleaning the unit

- ① Clean the unit as required, but at least twice a year.

#### NOTE

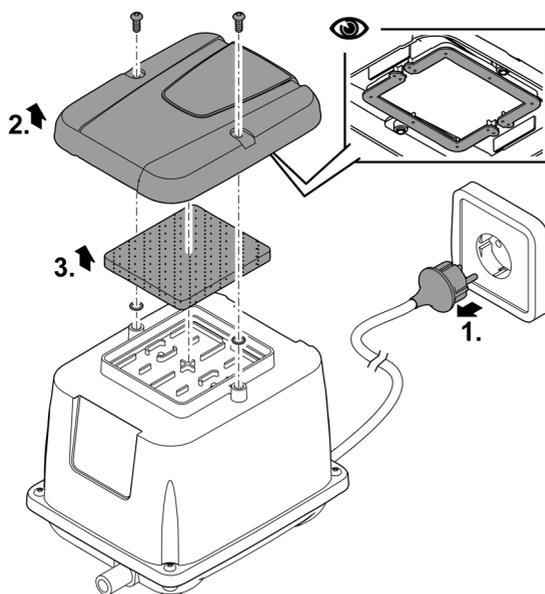
Do not use aggressive cleaning agents or chemical solutions. These agents can damage the housing, impair the function of the device and harm animals, plants and the environment.

- ▶ Clean the unit with clean water and a soft brush or sponge wherever possible. Remove stubborn dirt with the aid of the recommended cleaning agents.
-

## Cleaning the air filter

Clean the air filter as required but at least twice a year.

- To clean the filter, wash it with clean water and dry it before refitting.
- Check the seals under the lid for damage and replace them if necessary.
- When assembling, check that the two O-rings are positioned correctly between the lid and the housing. These act as acoustic decouplers.

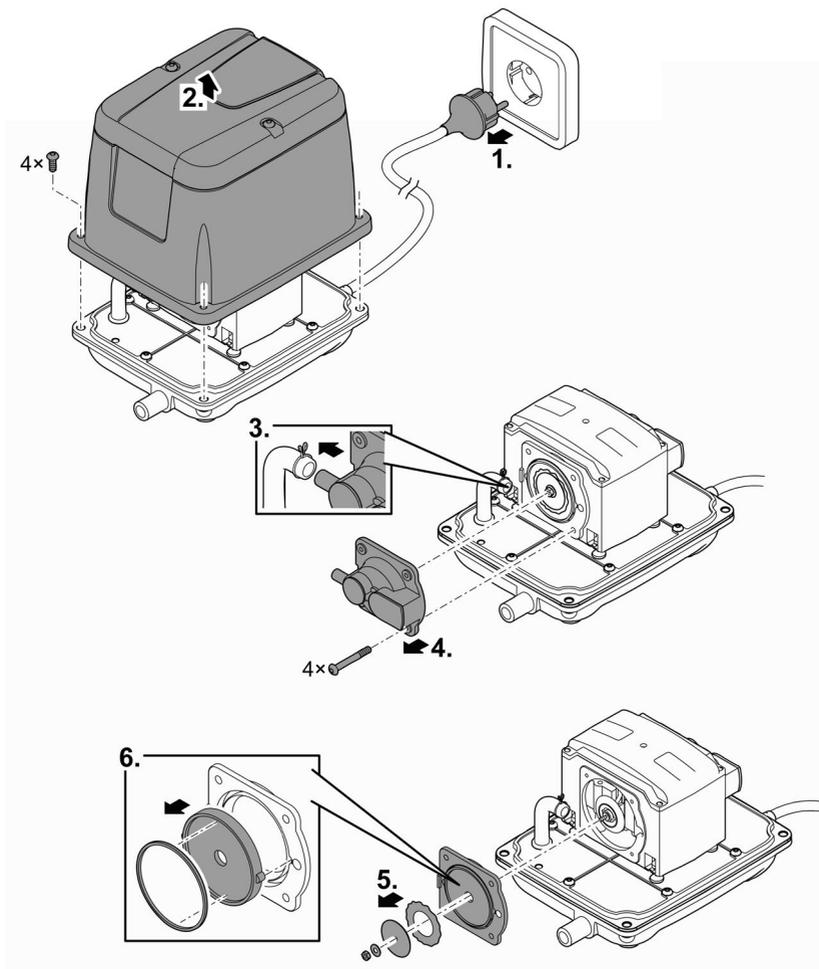


AOY0026

## Replacing the membranes

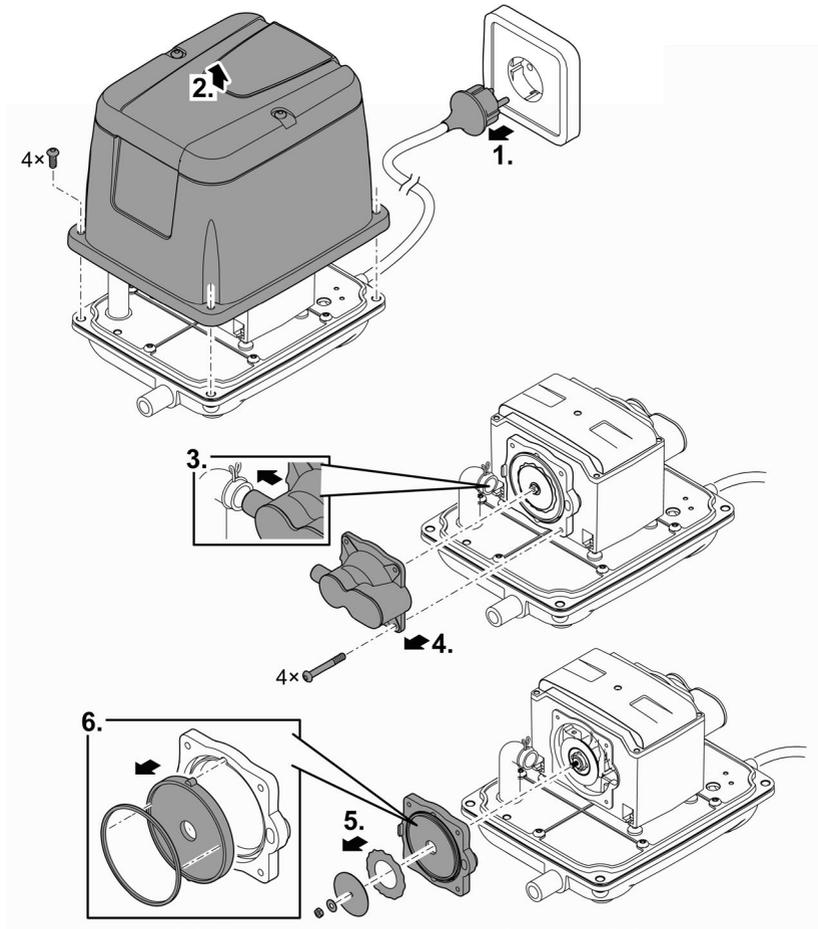
- The membranes will need to be replaced if the unit malfunctions.
- Always replace the membranes on both sides of the compressor at the same time.

### AquaOxy 2500



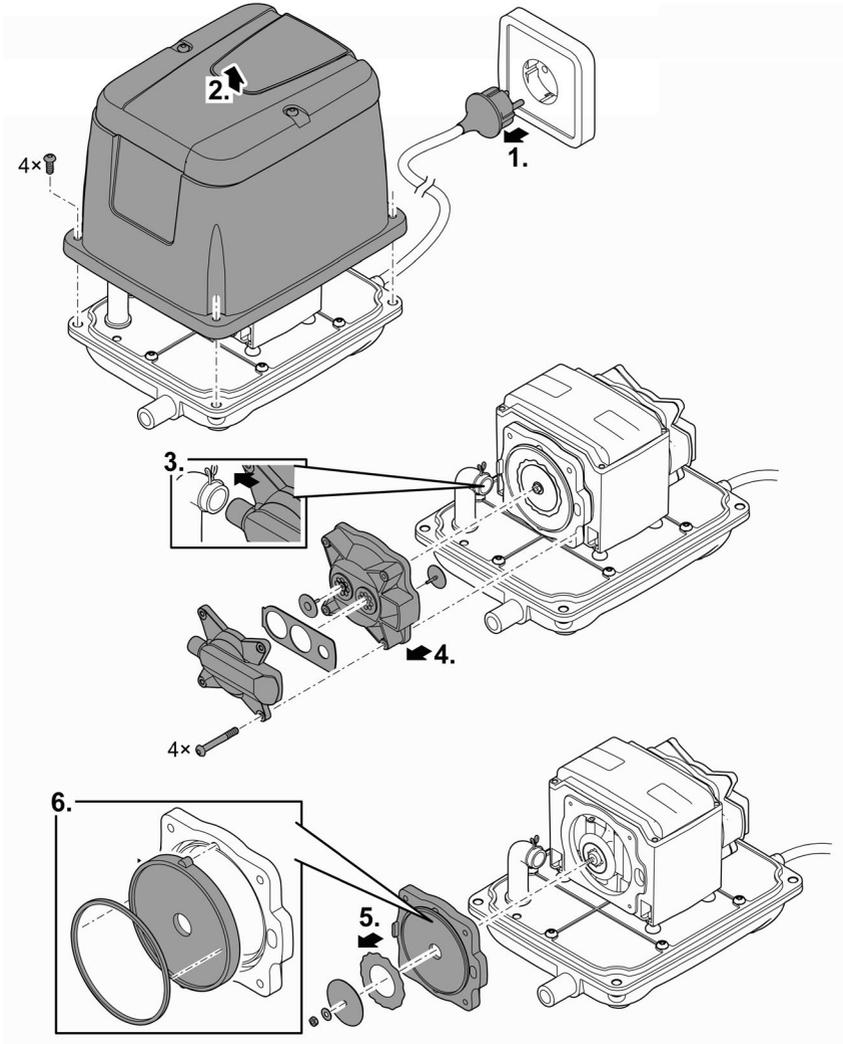
AOY0024

### AquaOxy 5000



AOY0027

# AquaOxy 7500



AOY0025

## Storage/overwintering

If the unit is in continuous operation, it can remain in place at freezing temperatures. Otherwise, store the unit indoors in a dry room (room temperature).

## Troubleshooting

Malfunction	Cause	Remedy
The unit does not start up	No power supply	Check the power supply
The unit is not supplying any or enough air	Air inlet blocked	Check the air inlet, replace the air filter
	Membranes defective	Replace the membranes
Unusually loud noises	Valve unit or membranes defective	Replace the valve unit or membranes
	Unit vibrating on the ground	Place the unit on e.g. a rubber mat

## Technical data

Description	AquaOxy				
		2500	5000	7500	
Connection voltage	V AC	220–240	220–240	220–240	
Power frequency	Hz	50	50	50	
Power consumption	W	40	75	125	
Max. air flow rate	gal/h	660,43	1320,86	1981,29	
Max. pressure	bar	0.35	0.35	0.35	
Connection, pressure side	Internal thread	M10	M12	M12	
	Outside diameter	in.	0.74	0.74	0.74
Protection type		IPX4	IPX4	IPX4	
Ambient temperature	Operation	°F	14–122	14–122	14–122
	Storage	°F	41–95	41–95	41–95
Dimensions	Length	in.	10.24	10.75	11.42
	Width	in.	7.17	7.56	8.07
	Height	in.	7.52	7.91	8.43
Length of connection cable	ft	16.4	16.4	16.4	
Weight	lbs	13.23	16.53	19.84	

## Wear parts

- Air filter
- Membrane

## Disposal

### NOTE

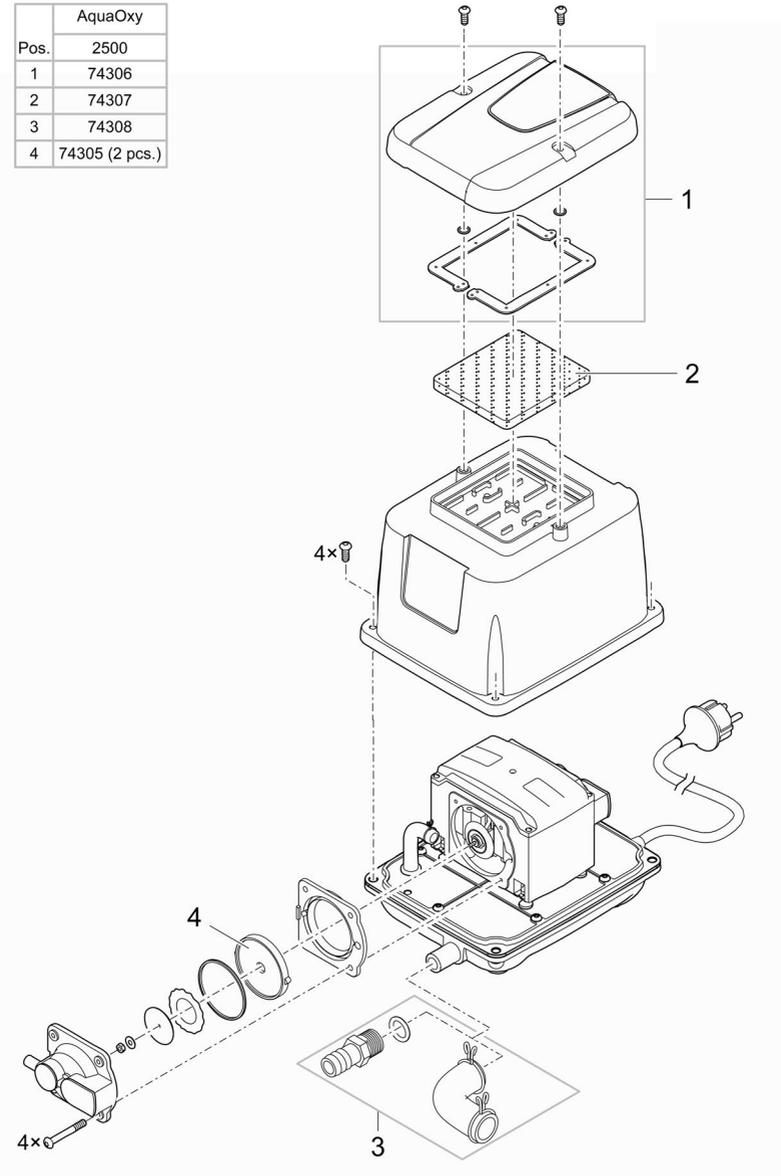


Do not dispose of this unit with domestic waste.

- ▶ Dispose of the unit by using the return system provided for this purpose.
  - ▶ Disable the unit by cutting off the cables.
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### AquaOxy 2500

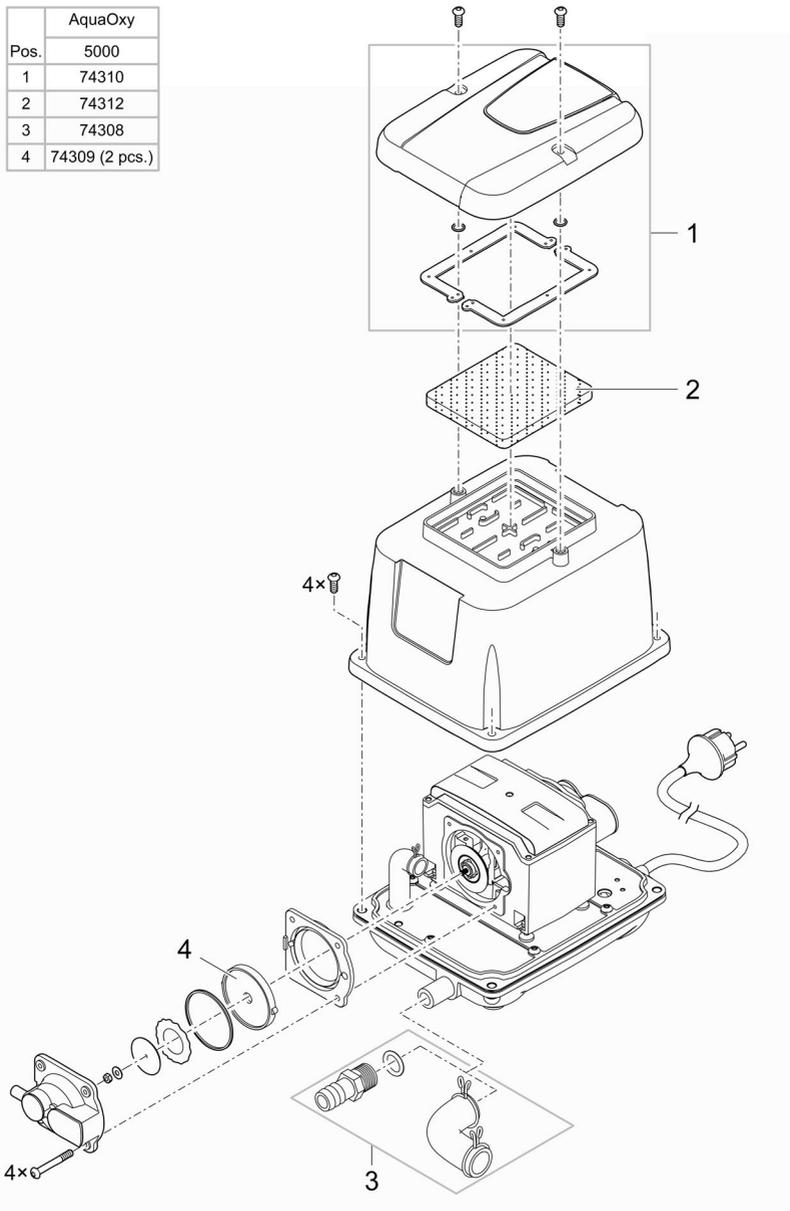
AquaOxy	
Pos.	2500
1	74306
2	74307
3	74308
4	74305 (2 pcs.)



AOY0032

### Aqua Oxy5000

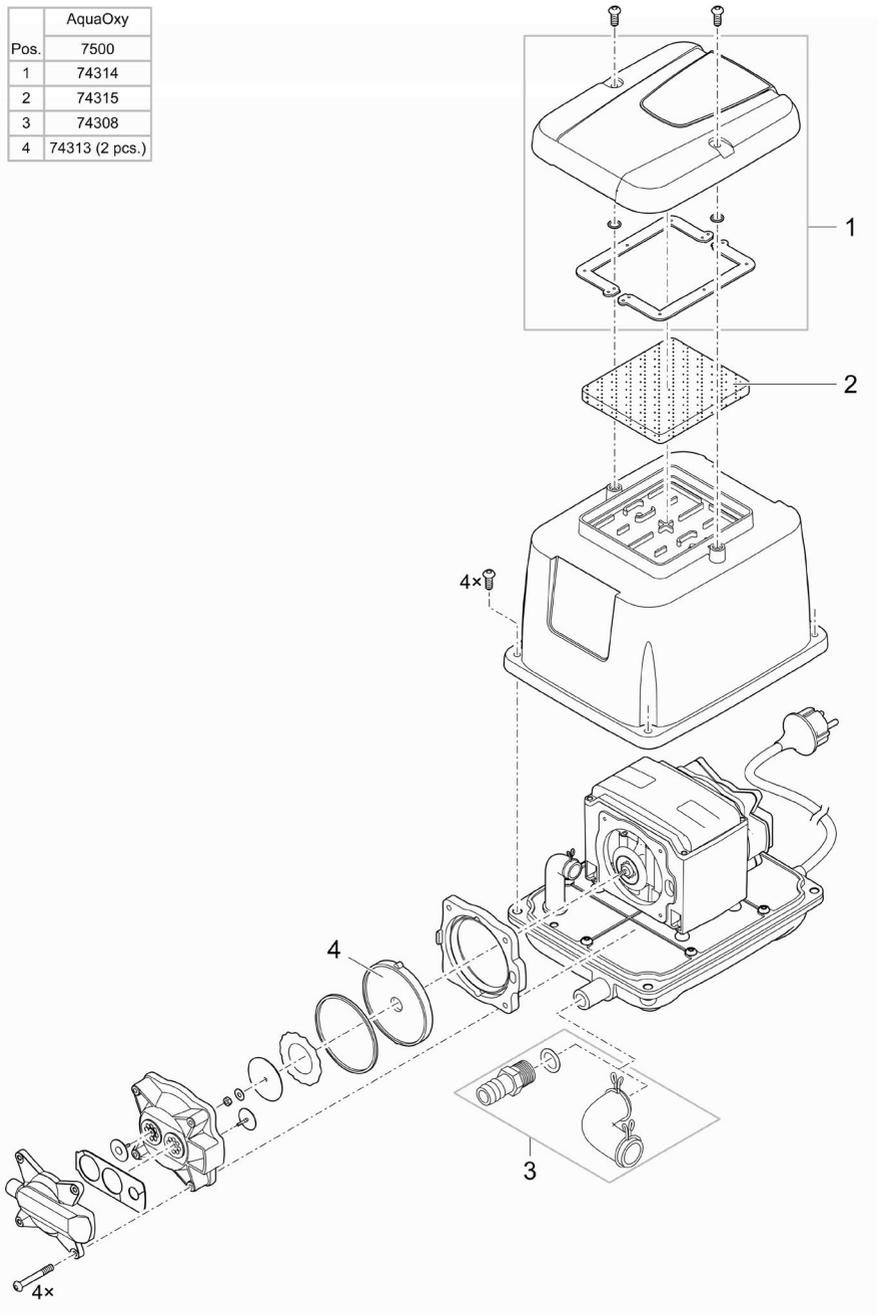
AquaOxy	
Pos.	5000
1	74310
2	74312
3	74308
4	74309 (2 pcs.)



AOY0033

### Aqua Oxy7500

AquaOxy	
Pos.	7500
1	74314
2	74315
3	74308
4	74313 (2 pcs.)



AOY0034

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