

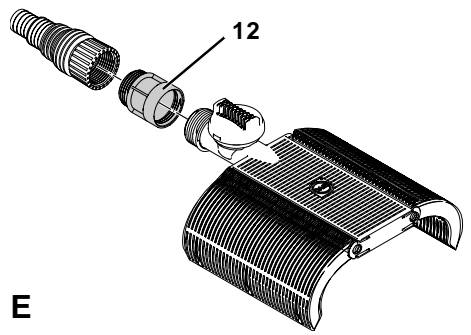
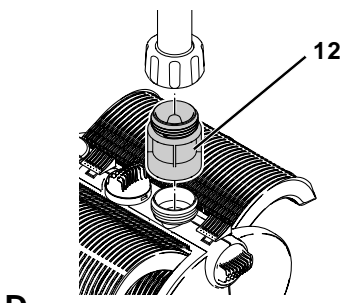
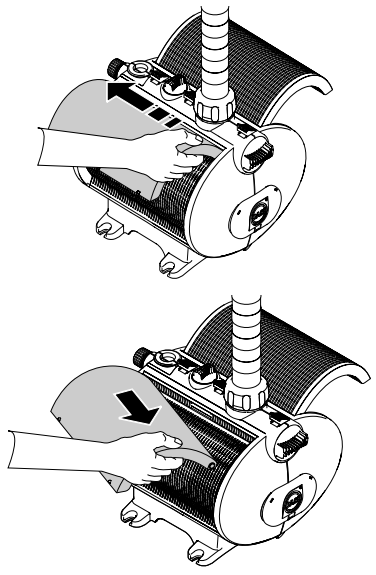
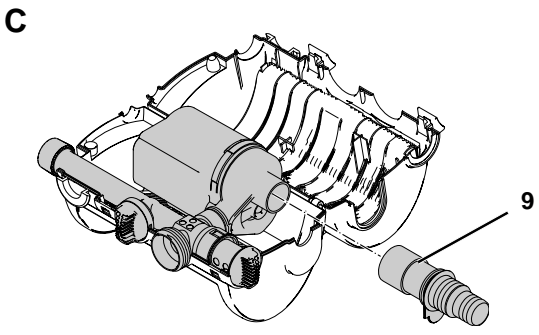
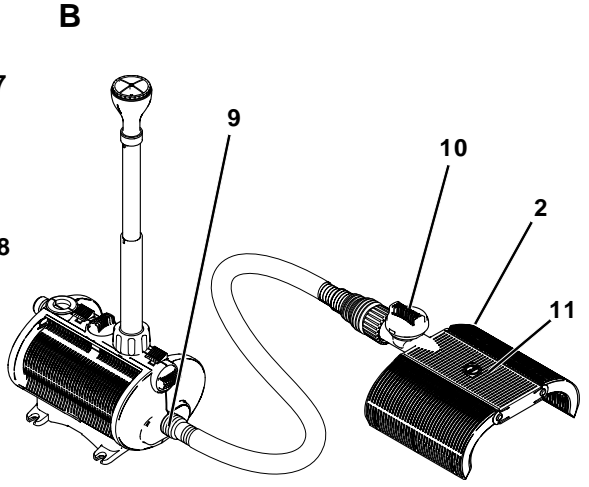
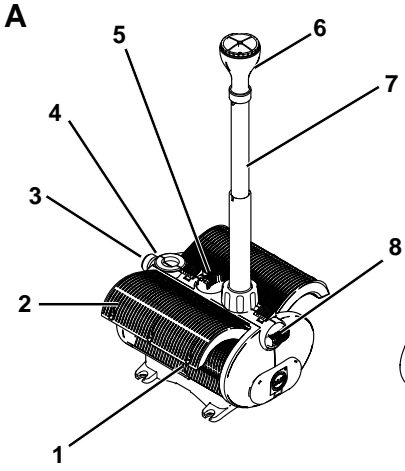
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NAUTILUS

250 – 500

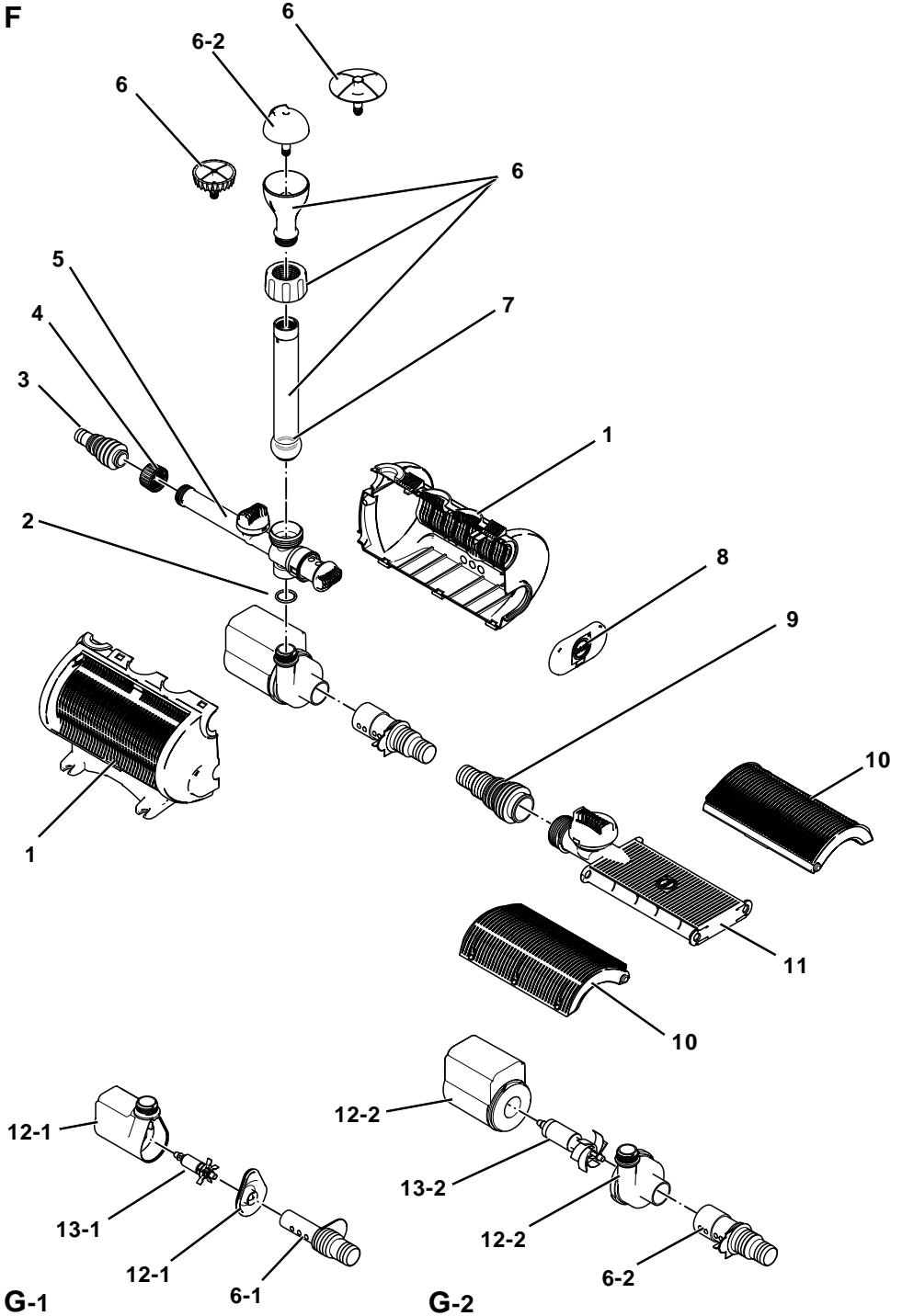
Warranty, Safety and Operating Instructions





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1. Safety and Operating Instructions

OASE Nautilus 250 – 500

Thank you for purchasing an OASE water feature pump. OASE pumps were developed through extensive research and are known world wide for their high-quality construction, energy-efficiency, and environmental safety features. OASE water feature pumps do not contain any oil, instead they are cooled and lubricated by water only. Please read the following instructions carefully and thoroughly. Failure to comply with these requirements may result in pump damage or failure, and could cause serious or fatal injury. Close attention to these guidelines will result in many years of pleasure from your OASE pump.

2. Operational Range

Application:

- Outdoor use
- Koi (Japanese carp species) fish basins
- Garden ponds
- Water Features
- The pump is suitable for the conveyance of water from garden ponds and fish basins and can be used with various water features.
- This product is not intended for use by children without proper supervision.
- Keep out of the reach of children.

Water Temperature Range:

- 40-95 degrees Fahrenheit (4-35 °C)

Maximum Water Depth:

- 6.5 ft (2.0 m)



3. Safety Instructions

- Check that the electrical data of the power supply network and that on the type plate coincide.
- Only connect the pump to a grounded power **outlet** (GFI) in accordance with the valid local or national electrical codes (NEC, UL, CSA, IEC...). Contact a qualified electrician with any questions.
- Do not use additional components, extension or connection cables or adapters, which are not grounded.
- Never operate the pump while people are in the water.
- **Be sure that** Garden ponds meet the local and national installation regulations. Contact a qualified electrician!
- Remove the power cable from the electrical socket prior to handling the pump.
- **Note!** In the event of a fault, a maximum of 10 switch-on/off cycles are carried out. Should this prove unsuccessful, the pump will switch off after approx. 40 seconds. Remove the power plug from the electrical socket and clean pump if necessary.
- **Never** carry or pull the pump by the power cord.
- **Always** keep the connection points (power plug) dry.
- Do not operate the pump if cable or casing shows any signs of damage.



- Lay the connection cable such that it is protected against possible damage.
- To avoid potentially dangerous situations, only the manufacturer is allowed to make repairs or cable replacements.

CAUTION: This pump is for garden use. Do not use in swimming pools, spas, hot tubs, etc. Running dry will inevitably cause almost immediate failure and void all warranties implied or otherwise.



4. Electrical Requirements

WARNING: OASE pumps **MUST** be connected to a properly grounded and GFCI (Ground Fault Circuit Interrupter < 30mA) protected 110-120 Volt AC circuit only. The OASE Atlantis Pumps are equipped with a 20-foot 3-prong electrical cord. If the electrical cord provided is not sufficient we suggest that you consult a certified electrician and have them install an additional GFCI outlet within reach of the cord. Consult your local power authority for electrical codes or requirements. Avoid excessive flexing of or abrasion to the electrical cord. Any alteration to an OASE pump will result in non-compliance with UL and Canadian UL listings and requirements. In such instances all warranties implied or otherwise are deemed immediately void.



WARNING: Risk of electric shock - This pump is supplied with a grounding conductor and grounding-type attachment plug. To reduce the risk of electric shock, be certain that it is connected only to a properly grounded, grounding-type receptacle.



5. Do's and Don'ts

- **Do** disconnect the plug from the receptacle before moving or cleaning the pump.
- **Do** disconnect the plug from the receptacle before entering the water area.
- **Do** have all electrical outlets installed and serviced by a licensed electrician.
- **Do** disconnect the pump from the electrical outlet at the first sign of any problem.



- **Don't** use the pump when there are people in the water.
- **Don't** cut the cord or remove the plug from the cord.
- **Don't** remove the grounding pin from the plug.
- **Don't** carry or pull the pump by the electrical cord.
- **Don't** use extension cords.
- **Don't** attempt to open the pump/motor enclosure.
- **Don't** remove any labels from the pump or electrical cord.
- **Don't** pinch, twist or damage the electrical cord. A minor cut even if only in the outer shell could allow water to reach the motor enclosure and damage the pump. If you notice any damage to the cord remove the pump and store in a dry place. Consult your local OASE Dealer for further instructions. Please note that any damage to the electrical cord will void all warranties and could cause serious electrical shock hazard.



6. Placing in service

- Read and observe the safety instructions (chapter 3) before placing in service!
- The Nautilus switches on automatically when you establish the electrical connection. Therefore, first follow all steps for assembly and setup.

Assembly pump (Fig. F)

1. Insert the nozzle pipe through the blue threaded collar.
2. Screw nozzle holder onto the nozzle pipe.
3. Insert the desired nozzle in the nozzle holder and fasten firmly.
4. Screw the threaded collar onto the upper outlet of the pump filter, but do not fasten it firmly yet.

The Nautilus is now ready for implementation as pump with attached filter wings.

You can fasten a pull rope on the pump handle to pull the pump out of the water for later maintenance and cleaning work.

Assembling the pre-filter (Fig. F)

You require a hose with connection size $\frac{3}{4}$ " to 1". Friction decreases the pump performance, therefore

- use the thickest hose possible
- Keep the hose connections short
- reduce curvature, angles and other connecting elements to a minimum.

Pre-filter assembly:

1. Swing the filter wing on the pump filter up and pull it out.
2. Insert the filter wings on the filter adapter.
3. Screw the stepped hose adapter onto the filter wing adapter outlet.
4. Insert hose.

Establishing the hose connection to the pump:

1. Remove cap on the front side of the pump filter and set aside in a safe place.
2. Open the pump filterclips: Swing open the pump filter. Remove the pump.
3. Insert the stepped hose adapter on the lateral inlet on the pump. Pay attention to the correct alignment. (Fig. C)
4. Re-insert the pump in the provided apertures in the pump filter. (Fig. C)
5. Close the pump filter. Levers engage.
6. Fit the hose onto the stepped hose adapter on the pump filter.
7. Turn the main power regulator on the pump filter all the way open.

Setting up the pump

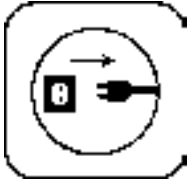
Do not place the pump directly in the pond floor sludge. Insure a stable, even base. Use a stone slab or a heavy construction panel in a bed of sand in the pond for example. To increase stability you can tightly screw the pump onto the panel. The pump filter is equipped with long holes in the pedestal for this purpose.

1. Place the pump:
 - completely under water, with the exception of the nozzle
 - maximum 6.5 ft. (2.0 m) under the surface of the water
 - as horizontal as possible.
2. Set the nozzle pipe to the desired height: pull the pipe on the nozzle holder upwards.
3. Loosen the threaded collar and compensate for pump skew up to 15° by rotating the nozzle pipe.



with pre-filter (Fig. E)

1. Unplug the power cord.
2. Pull hose off the pre-filter
3. Unscrew the stepped hose adapter on the filter wing adapter outlet.
4. Screw on sieve.
5. Screw stepped hose adapter onto the sieve.
6. Re-insert hose.



Connect decorative waterspouts

The Nautilus offers you the additional possibility of connecting decorative waterspouts. There is a second outlet with stepped hose adapter for this that fits ½" and 1" connections.

Regulate the water quantity for the decorative waterspout with the partial flow regulator on the topside of the pump filter. This reduces the fountain height accordingly.

1. Unplug the power cord.
2. Remove the sealing cap on the outlet for decorative waterspouts.
3. Screw the stepped hose adapter on the outlet for decorative waterspouts.
4. Fit the hose onto the stepped hose adapter.
5. Connect the waterspout to the hose and set it up at the desired location.
6. Adjust the water quantity for decorative waterspouts on the partial flow regulator.

Attaching spotlights

There is headpiece on the filter for attaching Lunaqua 2 spotlight. Please follow the operating instructions for the spotlights.



8. Maintenance/Cleaning

- Observe the safety instructions (chapter 3).
- Clean the filter casing and the sieve as needed, this means when the pump performance lessens.
- To clean the pump, pull the pump out of the pond with the rope, never pull the pump by the cable!

Cleaning the pump

Disassembly:

1. Unplug the power cord.
2. Swing the filter wings on the pump filter up and pull it out.
3. Open the filter wings and take them apart.
4. Open the pump filterclips: Swing open the pump filter.
5. Remove the pump.
6. Unhook the pump filter, and take pump filter apart.

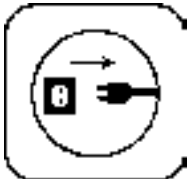
Clean all individual parts under running water with a soft brush.

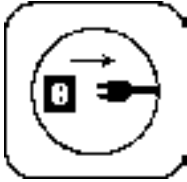
With an built-in sieve (Fig. D):

1. Unscrew nozzle pipe and sieve from the pump filter.
2. Clean sieve under running water.
3. Refasten sieve and nozzle pipe.

If the rotor is blocked because of dirt, take the pump apart.

1. Unscrew the water distributor. Check the gasket ring for damage and brittleness. Replace if required.
2. When using the pre-filter: Pull the stepped hose adapter off of the pump.





3. Unscrew the rotor casing. (Fig. G-2)
4. Pull out the rotor.

Clean rotor and rotor casing under running water with a soft brush. Check the rotor for damage. Replace it if required.

Assembly:

1. Insert rotor.
2. Screw on the rotor casing. Pay attention to the correct alignment. (Fig. G-2)
3. Insert the gasket ring and screw on the water distributor.
4. When using the pre-filter: Insert stepped hose adapter.
5. Hook the pump filter in the hinge.
6. Re-insert the pump in the provided apertures in the pump filter. (Fig. C)
7. Close the pump filter. Levers engage.
8. Put the filter wings back together and insert on the pump filter.

Cleaning the pre-filter

Disassembly:

1. Unplug the power cord.
2. Pull hose off the pre-filter
3. Pull out the filter wings.
4. Open the filter wings and take them apart.

Clean the filter wings and adapter under running water with a soft brush.

With an built-in sieve (Fig. E):

1. Unscrew stepped hose adapter and sieve.
2. Clean sieve under running water.
3. Screw stepped hose adapter and sieve on the pre-filter.

Assembly:

1. Put the filter wings back together and insert on the filter wing adapter.
2. Fit the hose onto the stepped hose adapter.

Replacing the gasket ring in the nozzle pipe

1. Loosen the blue threaded collar and remove the nozzle pipe.
2. Push both pipes of the nozzle pipe into each other. The nose must fit in the aperture.
3. Now the gasket ring is visible on the other end of the pipe. Replace it.
4. Pull both pipes so far apart until the gasket ring is no longer visible.
5. Screw the nozzle pipe with the threaded collar on the filter pump.
6. Align the nozzle pipe vertically and firmly fasten the threaded collar.



9. Winter Storage (Freezing Climates)

The pump must be removed from the pond before the temperature reaches the freezing point. For best results, a thorough cleaning (see Cleaning and Maintenance) is recommended prior to storing the Atlantis pump once it has been removed from operation. It is also recommended after cleaning the pump, that it be stored (above the freezing point) submersed in soft water. This will avoid the possibility of lime scale build-up. Do not submerge the electrical plug. Failure to remove the pump prior to freezing will result in serious damage to the pump and void all warranties.



10. Troubleshooting

Attention: Observe the safety instructions (chapter 3).

- Under no circumstances should you open the motor casing.
- The connecting line of the pump cannot be replaced. If the line is damaged the pump and motor must be disposed of.

Malfunction	Cause	Remedy
Pump does not turn on	No power, rotor is blocked	Check power supply, have the pump cleaned
Insufficient fountain height or fountain pattern is irregular	The main flow regulator is too tightly closed, nozzle is blocked, filter/sieve dirty, hose blocked/defective, kinked feed lines, excessive loss in the feed lines	Adjust the main flow regulator, insert sieve, clean filter/sieve (chapter 8) Clean/replace hose, check feed lines, reduce hose lengths to the minimum required
Pump shuts down after running briefly	Filter/Sieve is blocked, water temperature too high	Clean filter/sieve (chapter 8) Observe maximum water temperature of 95 ° F (35 °C)



11. Replacement parts

Nautilus 250 – 500

- 1 Filter casing L + R
- 2 O-ring 16 x 2.4 (part subject to wear and tear)
- 3 Stepped hose adapter, spouts
- 4 Sealing cap 1/2"
- 5 Water distributor cpl.
- 6 Nozzle set cpl.
- 7 O-ring 19 x 2.4 (part subject to wear and tear)
- 8 Covering
- 9 Stepped hose adapter
- 10 Filter - wings
- 11 Adapter with regulator
- 12 Pump lid
- 13 Rotor, complete (part subject to wear and tear)
- 14 Fine filter sieve



12. Customer Service

If at any time you experience a problem with your OASE pump that you cannot resolve yourself or that was not addressed in the instructions above, please contact your OASE Dealer for assistance. We urge you not to attempt any repairs or perform any alterations whatsoever as this may cause serious injury, and it will immediately void all warranties. Repair and exchange must be done through a local OASE Dealer.



13. LIMITED WARRANTY

This OASE product is covered by a **3-years** limited warranty by OASE. The limited warranty period begins from the date of purchase and covers material and manufacturing defects or failure of the product to operate as specified by OASE during the limited warranty period.

This limited warranty does not cover failure or problems related to:

- Improper installation – see this manual for proper installation procedures.
- Any modification or repair of the product in any way other than by OASE trained and authorized repair technician.
- Failure to follow proper safety, care and maintenance guidelines – as outlined in this manual.

This limited warranty does not cover those parts of the product that are subject to normal wear and tear during usage of the product, such as:

- Impellers on pumps
- Filter pads and filter medium in filters
- Lamps in lights and UV clarifiers

OASE's sole liability shall be to replace or repair the product covered by this limited warranty. OASE shall not be liable for any consequential damage to any other part of the water garden, pond, water feature, landscape, structure, or the contents of any structure where the product is located or used – including no liability for damage or harm to fish, animals, or plants in or around the water garden, pond or water feature.

THE EXPRESS WARRANTIES SET FORTH HEREIN ARE THE ONLY WARRANTIES WITH RESPECT TO THE PRODUCTS, AND THE REMEDIES SET FORTH HEREIN ARE THE EXCLUSIVE REMEDIES IN THE EVENT OF A BREACH OF SUCH WARRANTIES. OASE EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. OASE SHALL NOT BE LIABLE UNDER ANY CIRCUMSTANCES FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE, FOR ANY BREACH OF SUCH WARRANTIES OR OTHERWISE. Some states do not allow the exclusion or limitation of incidental or consequential damages, to the above limitation may not apply to you.

Should your OASE product be defective or fail under the terms of this limited warranty, you should return the product to your OASE dealer, along with your original receipt of purchase and any other limited warranty documentation you have, for replacement or repair.

Should you have any question about this limited warranty, please contact OASE at warranty@oase-livingwater.com

Extension of limited warranty period:

Please fill out the OASE Limited Warranty Registration Card or go online to <http://www.oase-livingwater.com/> for a **2-year** extension of your limited warranty. Once your registration information has been received by OASE you will receive back by email or post a Limited Warranty Extension Certificate, which you should print out and keep with your original receipt of purchase.

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