

 WARNING

- 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.
- Ensure that the unit is fused for a rated fault current of max. 30 mA by means of a fault current protection device.
- Only connect the unit if the electrical data of the unit and the power supply correspond. The unit data is to be found on the unit type plate, on the packaging or in this manual.
- Possible death or severe injury from electrocution! Before reaching into the water, always disconnect all units in the water that have a voltage of >12 V AC or >30 V DC from the power supply.
- Only operate the unit if no persons are in the water.
- Do not use the unit if electrical cables or housings are damaged.

Hazard in explosive environments

The unit is not explosion protected. Never use the unit in the presence of explosive dust, fluids or vapours!

Safety information**Correct electrical installation**

- Electrical installations must meet the national regulations and may only be carried out by a qualified electrician.
- A person is regarded as a qualified electrician if, due to his/her vocational education, knowledge and experience, he or she is capable of and authorised to judge and carry out the work commissioned to him/her. This also includes the recognition of possible hazards and the adherence to the pertinent regional and national standards, rules and regulations.
- For your own safety, please consult a qualified electrician.
- Extension cables and power distributors (e.g. outlet strips) must be suitable for outdoor use (splash-proof).
- Protect the plug connection from moisture.
- Only connect the unit to a correctly fitted socket.

Safe operation

- Do not operate or leave the unit in the rain.
- Minimum safety distance between the unit and the water: 2 m.
- Never operate the unit if either the electrical cables or the housing are defective!
- Do not carry or pull the unit by its electrical cable.
- Route cords/hoses/lines in a way that they are protected against damage, and ensure that they do not present a tripping obstacle.
- Only open the unit housing or its attendant components, when this is explicitly required in the operating instructions.
- Only execute work on the unit that is described in this manual. If problems cannot be overcome, please contact an authorised customer service point or, when in doubt, the manufacturer.
- Only use original spare parts and accessories for the unit.
- Never carry out technical modifications to the unit.

Information about these operating instructions

Welcome to OASE Living Water. You made a good choice with the purchase of this product **Pondovac 4**. Prior to commissioning the unit, please read the instructions of use carefully and fully familiarise yourself with the unit. Ensure that all work on and with this unit is only carried out in accordance with these instructions. Adhere to the safety information for the correct and safe use of the unit. Keep these instructions in a safe place! Please also hand over the instructions when passing the unit on to a new owner.

Symbols used in these instructions

Warnings

The warning information is categorised by signal words, which indicate the extent of the hazard.



WARNING

- Indicates a possibly hazardous situation.
- Non-observance may lead to death or serious injuries.



CAUTION

- Indicates a possibly hazardous situation.
- Non-observance may lead to slight or minor injuries.



NOTE

Information for the purpose of clarification or for preventing possible damage to assets or to the environment.

Additional information

- A Reference to a figure, e.g. Fig. A.
- Reference to another section.

Scope of delivery

Figure (A)	Number	Description
1	1	Pondovac 4 Sludge suction unit
2	1	5 m suction hose
3	1	2.5 m drain hose
4	1	Inlet distributor
5	1	Plug
6	1	Extension tube, transparent
7	4	Extension tubes, aluminium (Al)
8	1	Dirt catcher bag
9		Set of tools
a	1	Universal tool
b	1	Thread algae tool
c	1	Bristle tool
d	1	Wet suction tool
10	1	Large tool
	1	Operating instructions

Intended use

Pondovac 4 ., in the following text termed unit, is restricted to draw out pond sludge or as a wet -vacuum cleaner. This also applies to all other components being part of our scope of delivery. The attendant filter is only suitable for fluids. Taking in of dust or dirt will lead to its destruction.

The unit is only intended for private domestic use, not for commercial purposes or rental.

Never use the unit to collect flammable or toxic substances

- (e.g. benzene, asbestos, asbestos dust, copier toner),
- volatile substances,
- acids,
- hot or glowing ash,
- dust, sand or similar dirt.

Installation

Preparation (Fig. C, D, E):

- Fit the wheels (11) on the housing.
- Bring the transport brace (12) into the desired position. For this purpose, loosen and retighten the hand screw (13).
- Fit the intake distributor (4) into the inlet (14) by performing a plug-turn movement (bayonet closure).
- Connect the suction hose (2) to the intake distributor (4).
- Fit the extension tube (Fig. A, 6, 7) at the hand-held nozzle of the tube (2). The transparent tube (6) allows a flow control to be able to detect blockages earlier.
- Slide on the tool (9, 10) appropriate for the task.

Note: The higher the number of tubes used, the higher the tube frictional resistance. This leads to a reduction of the suction capacity.

Operation as a sludge suction unit (Fig. B, E)

Note: When the unit is used as a sludge suction unit, the waste water is directly drained through the drain hose (Fig. B, 3). The water is not collected in the container.

How to proceed:

- Place the unit at a minimum distance of 2 m from the water.
- Route the drain hose (3) with a slight gravity: Places the unit slightly higher. Ensure a safe and stable position. Ensure that the drain opening (15) is above the water level.
- Plug the drain hose (3) into the drain opening (15) of the collection container.
- Ensure that the hose lies straight: Avoid kinks or bends caused by unevenness of the ground. Allow unrestricted draining of the water, which has to be disposed of in accordance with the local conditions.

Note: When you pull the dirt catcher bag (Fig. A, 8) over the free end of the drain hose (3), you can return the water, then free from coarse particles, such as dead leaves or algae, into the pond. As an alternative, the removed pond sludge can be used as plant fertiliser. In this case, lay the drain hose directly on a plant bed. Otherwise dispose of in accordance with the local conditions.

Use as a wet vacuum cleaner

Note: When using the unit as a wet vacuum cleaner, the waste water is collected in the container. A maximum of 10 l of fluid can be taken in.

How to proceed:

- Place the unit at a minimum distance of 2 m from the water (Fig. B).
- Seal the drain opening (15) of the collection container by means of the plug (Fig. C, 5).

Use of the tools (Fig. A, 9, 10):

Universal tool (a): To remove pond sludge without taking in the pond gravel.

Thread algae tool (b): For the separation and removal of thread algae.

Bristle tool (c): For the removal of stubborn soiling.

Large tool (10): For cleaning large, level surfaces.

Wet suction tool (d): Only to be used when operating the unit as a wet vacuum cleaner to remove soiled water or residual water.

Note: Always work slowly, performing smooth, uniform movements. This largely prevents sediments from being swirled up.

Commissioning/start-up

Attention! Never operate the unit without foam filter (Fig. H, 22) or float body! Both are fitted when delivered. Never vacuum dust or dirt!

Connect the unit to the power supply. The unit is equipped with a power switch (Fig. F, 16):

Position I: Automatic mode. Continuous operation.

Position 0: The unit is switched off.

Operation

Regulating the suction intensity

The suction intensity can be regulated with the slide in the suction hose handle. Reducing the suction intensity can be useful when the unit operated in the sludge suction mode draws in too much unwanted material, for instance, pebbles that block the passage.

Abnormalities

Unusual behaviour could be encountered during operation.

The unit heavily vibrates. Turn the unit off at the power switch (16) and on again after 20 seconds. If vibration persists, probably either

- the tank is full (when operated as a wet vacuum cleaner, plug inserted),
- or the intake distributor, the drain or the foam filter is soiled.

In this case, clean and service the unit.

Vapour develops. No reason to worry. This is condensate released through the ventilation slots in the form of water vapour. This effect is particularly encountered in cold weather.

Remedy of faults

Malfunction	Cause	Remedy
Vapour escapes from the unit	In cold weather, condensate forms in the unit, which is released in the form of water vapour.	This is normal. No remedy necessary
The unit develops noise and/or heavy vibration	The tank is full Intake distributor, drain or foam filter is soiled	Drain tank Switch off the unit, wait 20 s, then switch on again. If the malfunction reoccurs, clean the unit.
The unit does not suck or its performance reduces	No mains voltage Excessive height difference between water level and unit Both containers are full of water. The float bodies seal completely Dirt plugs foam filters, the suction tube or the suction hose The flap at the intake distributor is jammed or soiled O ring at the inlet distributor not properly seated The flap at the outlet valve is jammed or soiled	Check mains voltage We recommend that the outlet height is slightly above the water level Drain the unit Remove dirt Remove the intake distributor. Check the flap seating (Fig. I, 4) Check the O-ring seating (Fig. I, 4) Remove the drain hose. Check the flap seating
Low suction capacity	O ring at the inner tank not properly seated Slide in the suction handle is open Increased tube friction resistance Suction depth too large. Due to the design, the suction capacity reduces as from a suction depth of 2 m	Check the O-ring seating (Fig. I, 27) Close the slide in the suction handle Keep the suction hose as short and flat as possible. Reduce the suction depth
The container does not empty	The drain hose is kinked or was not laid with an incline Drain hose or drain valve plugged with dirt	Route the hose correctly. See Installation. Remove dirt from the drain hose and the drain valve
Poor unit switching behaviour between the containers, or no switch-over	Dirt film on the pistons after an extended down time	Remove motor housing (G, 17). Start the switching cycle manually by holding the motor head overhead.

Maintenance and cleaning

Standard cleaning (Fig. F - H)

- Switch the unit off at the power switch (16) and pull out the power plug.
- Remove all hoses.
- Unlock the container lock (18).
- Remove the motor housing (17).
- Flush the inner tank (19), but do not remove.
- Unlock the engagement plates (21) beneath the foam filters (22).
- Remove the foam filters (22) and wash out with clean water.

Note: Foam filters are wear parts. Check the foam filters at the same time. If damaged, only replace with original OASE spare parts.

Clean inner tank, collector, intake distributor and drain valve (Fig. I - K)

- Intake distributor (Fig. J): Turn the intake distributor (4) out of the bayonet closure (14). Check the completeness and condition of the rubber seals (25) in the intake distributor.
- Rinse the intake distributor.
- Remove the inner tank (Fig. I 19) and rinse.
- Check the condition of the rubber seal (27).
- Rinse the collector (Fig. K 24) and drain valve (23).
- Check seating and ease of movement of the flap (26) in the drain opening.

Note: Sealing rings and valve rubber elements are wear parts. If damaged or lost, only replace with original OASE spare parts.

Reassembling the unit

Subsequently, reassemble the unit in the reverse order. Do not forget to lock the motor housing using the engagement hooks (Fig. J, 18).

Wear parts

- Sealing rings
- Foam filters
- Valve rubber elements

Storage

Empty out the collection container and clean the unit. Store in a dry, frost protected room, inaccessible to children.

Spare parts

The use of original parts from OASE ensures continued safe and reliable operation of the unit.
Please visit our website for spare parts drawings and spare parts.



www.oase-livingwater.com/spareparts

Disposal

Foam filters and seals no longer used can be disposed of with the household waste.



NOTE

Do not dispose of this unit with domestic waste.

- Render the unit unusable beforehand by cutting the cables and dispose of the unit via the return system provided for this purpose.