

SR 1600 Art. 7946

- D** **Gebrauchsanweisung**
Teichschlammsauger
-
- GB** **Operating Instructions**
Pond Silt Remover
-
- F** **Mode d'emploi**
Aspirateur de bassin
-
- NL** **Gebruiksaanwijzing**
Vijvervuilzuiger
-
- S** **Bruksanvisning**
Slamsugare för damm
-
- I** **Istruzioni per l'uso**
Pulitore per laghetti
-
- E** **Manual de instrucciones**
Aspirador de fango para estanque
-
- P** **Instruções de utilização**
Aspirador de lodo de lago
-
- DK** **Brugsanvisning**
Bassinstøvsuger

GARDENA Pond Silt Remover SR 1600

Welcome to the Garden with GARDENA...



Please read these operating instructions carefully and observe the notes given. Use these operating instructions to familiarise yourself with the Pond Silt Remover, its proper use and the notes on safety.



For safety reasons, children under the age of 16 and people who have not read these operating instructions must not use this Pond Silt Remover.

→ Please keep these operating instructions in a safe place.

Contents

1. Where to Use Your GARDENA Pond Silt Remover	10
2. Safety instructions	10
3. Function	11
4. Assembly	12
5. Operation	13
6. Storage	14
7. Maintenance	14
8. Troubleshooting	15
9. Technical data	15
10. Service / Warranty	16

1. Where to Use Your GARDENA Pond Silt Remover

Correct use:

As a Pond Silt Remover: The Pond Silt Remover is suitable for the removal of particles of dirt up to 20 mm, thread algae, leaves and silt from garden ponds, and for removal of large particles of dirt from swimming pools.

As a Wet Suction Pump: The Pond Silt Remover is suitable for suction of dirty water with particles of dirt up to 20 mm.

For dry suction: The pond silt remover can also be used for dry suction with the filter bag.

Please note



The GARDENA Pond Silt Remover is not suitable for continuous operation (e.g. industrial applications, continuous pumping operations).

2. Safety instructions

Operation:

When working by a pond always ensure the equipment is securely mounted.

Do not apply sustained tension to the hoses.

Avoid sucking up oversize particles of dirt – they could block the Pond Silt Remover.

Never make any technical modifications to the equipment.

Always use original spare parts and

accessories for the equipment.

Repairs must only be carried out by GARDENA Service centres.



DANGER! Risk of explosion!
Never use the equipment in the vicinity of explosive liquids or vapours. The equipment is not protected for use in explosive environments.

The Pond Silt Remover must not be used for suction of flammable or poisonous materials (such as petrol, asbestos, asbestos dust, copier toner) or volatile substances, acids, hot or glowing ashes, dust, sand or similar dry dirty materials.

The Pond Silt Remover must always have its foam filter in place when in use.

The foam filter is only suitable for liquids. When in use as a Wet Suction Unit do not suck up any dry dust or dirt – this can lead to damage.

Electrical safety:



DANGER! Electric shock!

Do not operate the equipment if there are people or animals in the pond or suction area.

Before reaching into the water, always unplug the mains plugs of all equipment in the water.

Compare the mains electrical power supply with the information on the packaging / on the model plate on the equipment.

Make sure that the equipment is supplied through a residual current protection device measuring a residual current of 30 mA or less.

Only connect the equipment to a properly installed socket outlet.

Keep the mains plug and all connection points dry!

Do not use the equipment in the rain or leave it out in the rain.

Lay the connection cable so that it is protected and cannot be damaged.

Only use cables that are suitable for outdoor use.

Never lift or carry the equipment by the connection cable!

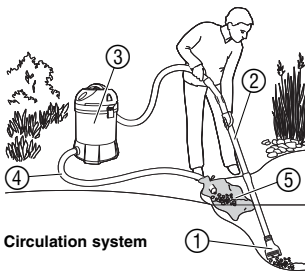
Do not use the equipment if the cable or housing is defective!

Electrical installations at garden ponds must satisfy the applicable national and international installation regulations.

Never open the housing of the equipment or its associated parts unless you are expressly instructed so to do in the Operating Instructions.

If you have questions or encounter problems, for your own safety refer to a qualified electrician!

3. Function



Circulation system

The Pond Silt Remover sucks the pond water into the collecting tank ③ via the adapter nozzle ① and suction pipe ②.

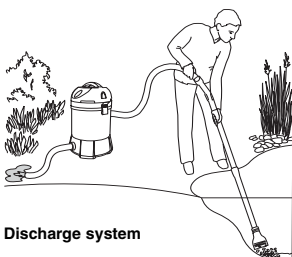
When the collecting tank is full, the Pond Silt Remover releases the dirty water via the drainage hose ④ over a 25 second period.

Circulation system:

The water flows back into the pond ⑤ through the fine filter bag. This means no pond water is lost, and the biological equilibrium of the pond is maintained. The water that is fed back contains biologically active floating particles. The resulting turbidity of the pond can last several days.

Discharge system:

The pond water that is sucked out is discharged into the environment. The fine filter bag ⑤ can also be used for this.



Discharge system

Fine filter bag:

The particles of dirt and pond silt that are collected in the fine filter bag ⑤ can be used as fertiliser or disposed of in the compost.

Applications of the various adapter nozzles

Bottom nozzle



For sucking pond silt up from the bottom of the pond.
The bottom nozzle can be adjusted to suit the conditions at the bottom of the pond:

- Bottom nozzle fully open (10 mm): use on pond liners (no pebbles on the bottom, thick layer of silt).
- Bottom nozzle closed (2 mm): use on pond liners (pebbles as bottom covering, thick layer of silt).



For optimum suction in rigid pond liners and of thin layers of silt, turn the bottom nozzle through 180°.

Joints nozzle



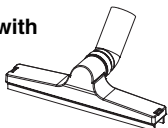
For sucking from narrow spaces, such as between stones and plants.

Thread algae nozzle



For sucking up thread algae.

Wide nozzle with rubber lip

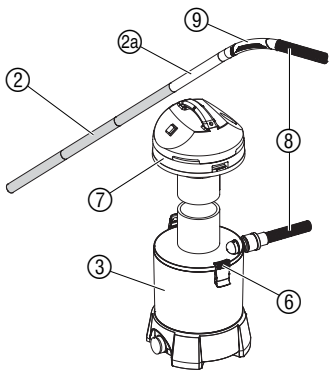


For sucking up residual water e.g. on terraces, in garages, cellar etc.

4. Assembly

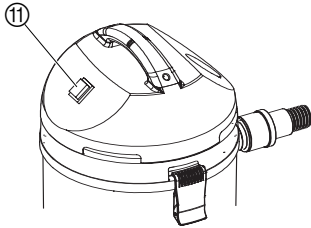
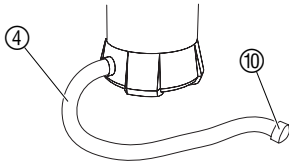
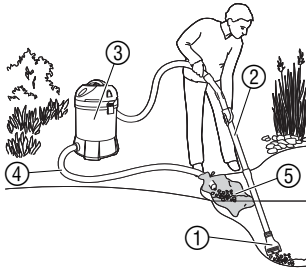
Fitting the Pond Silt Remover / Wet Suction Unit / Dry Suction Unit:

1. Undo the filter tray locks ⑥ and remove the motor housing ⑦.
2. Remove all parts from the filter tray ③.
3. Replace the motor housing ⑦ and lock it in position.
4. Insert the end piece of the suction hose ⑧ into the upper suction opening of the filter tray ③.
5. Attach the transparent suction tube ②a to the handle ⑨.
6. Attach the black suction tubes ②.



5. Operation

Use as a Pond Silt Remover:



The higher the filter tray ③ above the surface of the water, the less the suction power.

1. Pull mains plug of pond silt remover out of electric socket.
2. Position the filter tray ③ at least 2 m from the edge of the pond, max. 0.5 m above the surface of the water and so that it will not overflow.
3. Insert the round end of the discharge hose ④ into the lower discharge opening of the filter tray ③.

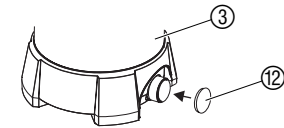
The non-return flap ⑩ is located at the outlet of the discharge hose ④.

4. Lay the discharge hose ④ on ground with a falling gradient, so that the hose is self-draining.
5. If desired, attach the fine filter bag ⑤ over the end of the discharge hose ④ (see 3. Function).
6. Attach the desired nozzle ① (see 3. Function) to the suction tube ②.
7. Insert the Pond Silt Remover mains plug into a power socket.
8. Set the ON switch ⑪ to position **(I) ON**.

When the collecting tank is full, the dirty water is drained via the discharge hose ④ over a 25 second period. Then the pond silt remover switches itself on again automatically.

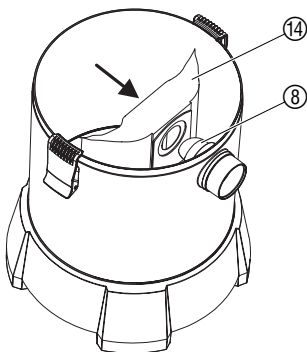
9. Guide the nozzle on to the bottom of the pond. Then suck up the dirt with slow and even movements.
10. After use, turn the ON switch ⑪ to the **(0) OFF** position.

Operation as Wet Suction Unit:



1. Pull mains plug of Wet Suction Unit out of electric socket.
2. Insert stopper plug ⑫ in the lower discharge opening of the filter tray ③.
3. Attach the wide nozzle ① (see 3. Function) to the suction tube ②.
4. Insert the Wet Suction Unit mains plug into a power socket.
5. Set the ON switch ⑪ to position **(I) ON**.
When the collecting tank is full, the suction unit switches off.
6. When it stops sucking, the filter tray ③ is full. Then set the switch ⑪ to position **(0) OFF**.
7. At the chosen discharge location remove the stopper plug ⑫ and empty the filter tray ③.

Operation as a Dry Suction Unit:



The filter bag ⑭ must be used when the system is operated as a dry suction unit.

1. Pull mains plug of the Dry Suction Unit out of the socket.
2. Remove motor housing (see 4. Assembly).
3. Put the enclosed filter bag ⑭ on over the end piece of the suction hose ⑧.
4. Refit motor housing (see 4. Assembly).
5. Fit the nozzle required (see 3. Function) on the suction pipe.
6. Plug the mains plug of the dry suction unit into an electric socket.
7. Set the ON switch ⑪ to position **(I) ON**.
8. After use, turn the ON switch ⑪ to the **(0) OFF** position.

A new Filter Bag **Art. 7946-00.900.50** can be ordered from GARDENA Service.

6. Storage

Storage:



Store out of the reach of children.

→ Clean the Pond Silt Remover (see 7. Maintenance) and store in a frost-free place.

Disposal:

(in accordance with
RL 2002/96/EC)



The product must not be added to normal household waste. It must be disposed of in line with local environmental regulations.

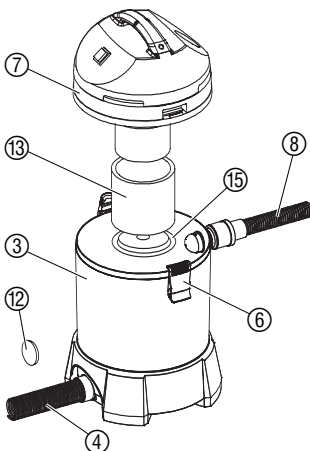
7. Maintenance

Pond Silt Remover cleaning:



DANGER! Electric shock!

→ **Before any maintenance work, unplug the equipment from the mains.**



1. Remove the suction hose ⑧, discharge hose ④ or stopper plug ⑫ from the filter tray ③.
2. Undo the filter tray locks ⑥ and remove the motor housing ⑦.
3. Remove filter cover ⑮ (bayonet fitting).
4. Remove the foam filter ⑬ from motor housing ⑦.
5. Wash out the filter tray ③ and foam filter ⑬ with clean water. Replace the foam filter ⑬ if necessary.
6. Wash out all hoses and nozzles with clean water.
7. Reassemble the Pond Silt Remover (see 4. Assembly).

The foam filter can be ordered from GARDENA Service.

8. Troubleshooting



DANGER! Electric shock!

→ **Disconnect the Pond Silt Remover at the mains before rectifying any faults.**

Problem	Probable Cause	Remedy
The Pond Silt Remover sucks nothing up	Discharge hose wrongly fitted.	→ The non-return flap in the discharge hose should not be plugged into the filter tray and must be at the outlet from the discharge hose.
	Pond Silt Remover too high above the surface of the water.	→ Position the Pond Silt Remover max. 0.5 m above the surface of the water.
Reduced suction power	Foam filter, suction tube, suction hose or fine filter bag dirty.	→ Clean the Pond Silt Remover (see 7.Maintenance).
	The filter bag is full.	→ Replace filter bag.
The Pond Silt Remover does not empty	Discharge hose kinked or laid without a falling gradient.	→ Lay the discharge hose so that it is not kinked and has a slightly falling gradient.
	Filter tray and discharge hose dirty.	→ Clean filter tray and discharge hose.

CAUTION!



Work on the electrical parts must only be carried out by GARDENA Service.

If other faults occur, please contact GARDENA Service.

9. Technical data

SR 1600 (Art. 7946)

Mains voltage / mains frequency	230 V AC / 50 Hz
Rated power	1400 W
Connection cable	4 m H05-VV
Max. delivery capacity	1600 l/h
Filter tray volume	Approx. 27 l
Suction hose length	4 m
Discharge hose length	2 m
Max. particle size for suction	20 mm
Liquid temperature	4 °C - 35 °C
Noise level ¹⁾	< 85 dB (A)

¹⁾ according to 98/37/EC

10. Service / Warranty

GARDENA guarantees this product for 2 years (starting from the date of purchase). This guarantee covers all serious defects of the unit that can be proved to be material or manufacturing faults. Under warranty we will either replace the unit or repair it free of charge if the following conditions apply:

- The unit must have been handled properly and in keeping with the requirements of the operating instructions.
- Neither the purchaser or a non-authorized third party have attempted to repair the unit.

The wearing parts filter foam, valve rubbers and filter bag are excluded from the warranty.

This manufacturer's guarantee does not affect the user's existing warranty claims against the dealer/seller.

If a fault occurs with your Pond Silt Remover, please return the faulty unit together with a copy of the receipt and a description of the fault, with postage paid to one of the GARDENA Service Centres listed on the back of these operating instructions.

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<p>GB <i>Product Liability</i></p>	<p>We expressly point out that, in accordance with the product liability law, we are not liable for any damage caused by our products if it is due to improper repair or if parts exchanged are not original GARDENA parts or parts approved by us, and, if the repairs were not carried out by a GARDENA Service Centre or an authorised specialist. The same applies to spare parts and accessories.</p>
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