

D Gebrauchsanweisung

Filter-Set 3000

GB Operating Instructions

Filter Set 3000

F Mode d'emploi

Kit de filtrage 3000

NL Gebruiksaanwijzing

Filterset 3000

S Bruksanvisning

Filtersats 3000

I Istruzioni per l'uso

Set filtro 3000

E Manual de instrucciones

Set de filtro 3000

P Instruções de utilização

Conjunto de filtragem 3000

DK Brugsanvisning

Filtersæt 3000

GARDENA Filter Set 3000

Welcome to GARDENA aquamotion...



Please read these operating instructions carefully and follow the instructions. Use the instructions to familiarise yourself with the Filter Set, using it correctly and the safety information.



For safety reasons, children and young people under 16 years of age and people who are not acquainted with these operating instructions should not use this Filter Set.

→ Please keep these operating instructions in a safe place.

Contents

1. The Applications Range of Your GARDENA Filter Set	9
2. For Your Safety	9
3. Mode of Operation of the Filter	11
4. Putting into Operation	11
5. Maintenance	12
6. Trouble-Shooting	13
7. Putting out of Operation	13
8. Accessories	14
9. Technical Data	14
10. Service	14

1. The Applications Range of Your GARDENA Filter Set

Intended purpose

The GARDENA Filter Set is intended for domestic use in your garden, where it should only be used within your garden pond to keep small garden ponds clean which are not more than 3 m³ in size, with or without fish.

Please note



The GARDENA Filter Set is not suitable for industrial use or in combination with chemicals, food, easily combustible and explosive substances. It is not intended for operating watering equipment and systems.

2. For Your Safety

Operating the pump

The pump should be operated via a residual current device with a residual current rating of ≤ 30 mA (DIN VDE 0100-702 and 0100-738).

→ Please ask your electrician for his advice.

The pump must be placed on solid, even ground.

Mains power cables

Mains power cables should not have a smaller cross-section than a rubber sheathed cable of the designation H05 RNF. Extension cables must meet the requirements of DIN VDE 0620.

For Austria

In Austria power cables should correspond to ÖVE-EM 42, T2 (2000)/1979 § 22 according to § 2022.1. According to this standard pumps used in swimming pools and ponds should only be operated via an isolating transformer.

→ Please contact your electrician..

For Switzerland

In Switzerland mobile appliances which are used outdoors, must be connected via a residual-current device.

Visual check

Before operating the pump, look to see if there is any damage of the pump (esp. regarding power cable and plug). A damaged pump must not be used. In case of damage, please have the pump checked by our GARDENA Service Centre or by an authorised electrician.

Check line voltage

Data indicated on the type plate must match technical data of the mains supply.

Do not operate pump when there are people in the water

The pump must not be operated when there are people in the water.

Swimming pools and garden ponds

Swimming pools and garden ponds should be designed according to international and national design regulations.

→ Please consult a professional electrician.

Do not use power cable to carry the pump or to pull the plug out of the socket

Do not use the power cable to carry the pump or to pull the plug out of the socket. Protect the power cable from heat, oil and sharp edges.

Disconnect plug

Always unplug the equipment when dismantling the set, when it is not in use and before maintenance.

→ Always disconnect the pump from the mains before undertaking any work on it.

→ Please follow the safety and assembly instructions in these operating instructions.

Temperature of the liquid used

The temperature of the liquid used must not be below 4 °C or above 35 °C.

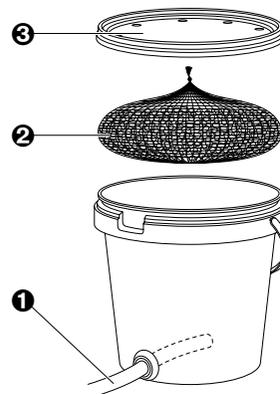
Wear and reduced output

Sand and other abrasive substances in the liquid cause increased wear and reduce the output of the pump.

Positioning the filter

Place the filter in a stable position within the garden pond so that the filter is completely covered by water.

3. Mode of Operation of the Filter

**1 Water intake**

Connection hose to the water feature pump in the pond.

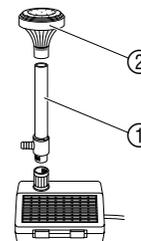
2 Natural water treatment with GARDENA Zeolith

GARDENA Zeolith has a large surface area. The crystalline micro-pores of the natural stone binds pollutants and filters out dirt particles and impurities mechanically.

3 Water discharge

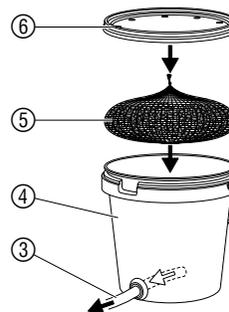
The purified water emerges through the perforated filter cover.

4. Putting into Operation

Fit the pump:

1. Screw the extension pipe ① on to the pump.

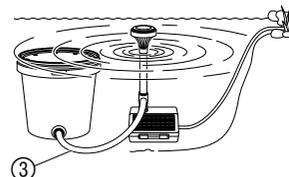
2. Place fountain attachment ② on the extension pipe ①.

Fit the filter:

1. Push the hose ③ from inside through the filter container ④ until the end of the hose ③ rests in the centre of the filter container ④.

2. Take the net of Zeolith ⑤ out of the protective plastic film and insert in the filter container ④.

3. Press the filter cover ⑥ in place around the filter container ④ until the filter cover ⑥ is heard to snap in position.

Using the Filter Set for the first time:

1. Push the hose ③ on to the side outlet of the pump.

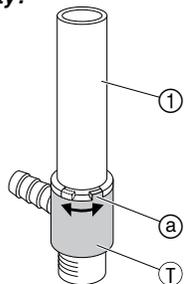
2. Place filter and water feature pump in a stable position within the garden pond so that the filter and the pump are completely covered with water.

The fountain should project out of the pond.

3. Plug the mains plug of the pump into a 230 V AC power socket.
Warning: The water feature pump will start immediately!

Do not allow the pump to run without water:
Do not allow the pump to run without water because dry-running leads to an undesirable build up of heat and will destroy the pump.

Setting the water throughput quantity:

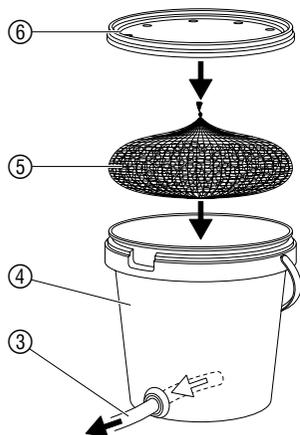


The water throughput quantity for the filter and therefore the height of the fountain can be set to any desired level. The more water flowing through the filter, the less flows through the fountain and vice versa.

- Hold the T-piece ① firmly and turn the extension pipe ① by hand.
- Turn the marking ② on the extension pipe ① clockwise to increase the water throughput for the fountain
– or –
turn the marking ③ on the extension pipe ① anti-clockwise to increase the water throughput for the filter.

5. Maintenance

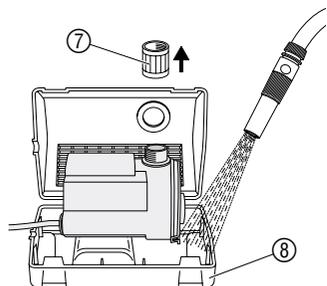
Cleaning the filter:



We recommend cleaning the Zeolith inside (approx. 2.5 l) about every 6 months (e.g. in salt water) or replacing it to ensure that the zeolith is working properly. Only use **GARDENA Zeolith 1 l: Art. No. 7914**, **Zeolith 5 l: Art. No. 7915**, **Zeolith 10 l: Art. No. 7913** when replacing the filter.

1. Unplug the fountain pump from the mains.
2. Remove the filter set from the pond.
3. Remove the hose ③ from the pump.
4. Take the filter cover ⑥ off.
5. Empty the filter container ④ completely and rinse out.
6. Remove the Zeolith net ⑤ and soak for approximately 24 hours in a solution of cooking salt (20 g salt / litre).
7. Then rinse the Zeolith net ⑤ with fresh lukewarm water.
8. Assemble the filter again in reverse order.
9. Start the filter up again (see 4. Putting into Operation: "Using the filter for the first time").

Cleaning the pump:



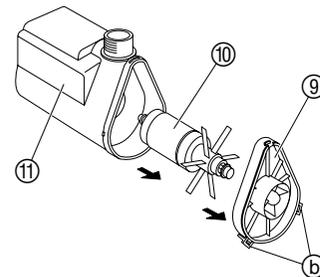
Cleaning the pump filter housing:

The water intake slots on the water feature pump must be free from dirt.

1. Unplug the fountain pump from the mains.
2. Remove the filter set from the pond.
3. Pull hose ③ off the pump and unscrew threaded sleeve ⑦.
4. Open up the pump filter housing ⑧ and spray clean with a jet of water.
5. Clean the water intake slots of the filter housing ⑧ with a brush.

Note:
Do not use any hard objects or powerful detergents for cleaning the set!

Remove dirt deposits in the pump:



1. Unplug the water fountain pump from the mains.
2. Remove the filter set from the pond.
3. Pull hose ③ off the pump and unscrew threaded sleeve ⑦.
4. Open up pump filter housing ⑧ and remove the pump.
5. Open the snap hook ⑥ and take the pump cover ⑨ off the motor housing ⑪.
6. Draw the impeller unit ⑩ out of the motor housing ⑪.
7. Remove any dirt deposits from pump components.
8. Replace the impeller unit ⑩ in the motor housing ⑪.
9. Press the pump cover ⑨ into the motor housing ⑪ until the connection is heard to snap into place.

6. Trouble-Shooting

Fault	Possible Cause	Remedy
The water is not clear.	The pond is extremely dirty and rich in nutrients.	<ol style="list-style-type: none"> 1. Check nitrate concentration (e. g. with the GARDENA Pond Test Set, Art. No. 7920) 2. If necessary, change the water and clean the pond liner.
	Too many fish and creatures in the pond.	→ Add up the estimated length of the fish. There should only be "80 cm fish" per m ³ water in the pond.
Pump does not work.	Connections are faulty.	→ Check connections.
	Impeller unit blocked.	→ Remove dirt deposits in the pump (see 5. Maintenance).

If any other faults arise, please contact GARDENA Service.

7. Putting out of Operation

Over-wintering:



1. Before frosts commence, remove the Filter Set from the pond, take the hose off the pump and empty the filter completely.
2. Clean the Filter Set.
3. Store the filter in a frost-proof place.
4. Store the pump in a container full of water, in a frost-free place.
The mains plug should not be soaked during the process.

Store out of reach of children.

8. Accessories

Radio control	Start the fountain from your patio or lounge.	GARDENA Radio Control Set, Art. No. 7874
---------------	---	---

9. Technical Data

Art. No.	7911
Rated power	7.5 W
Flow	720 l/h
Max. delivery head	1.1 m
Max. submersion depth	1.0 m
Power cable	10 m H05 RNF
Fitting	G 1/2
Max. media temperature	35 °C
Mains voltage / Frequency	230 V / 50 Hz
Noise level $L_{WA}^{1)}$	48 dB (A)

1) Measuring method according to EN 60335-1

10. Service

Warranty

GARDENA honours the guarantee legally required for this product (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 impeller unit is a wearing part and is not covered by the guarantee.

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

If you have any problems with your pump, please contact our Customer Service or return the defective unit together with a short description of the problem directly to one of the GARDENA Service Centres listed on the back of this leaflet.

Product Liability

We expressly point out that, in accordance with the product liability law, we are not liable for any damage caused by our units 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.

Deutschland

GARDENA Kress + Kastner GmbH
GARDENA Service
Hans-Lorensen-Straße 40
D-89079 Ulm
Produktfragen: (07 31) 490-123
Reparaturen: (07 31) 490-290

Argentina

Argensem S.A.
Venezuela 1075
(1618) El Talar - Buenos Aires

Australia

NYLEX Corporation Ltd.
25-29 Nepean Highway
P.O. Box 68
Mentone, Victoria 3194

Austria

GARDENA Österreich Ges. m.b.H.
Stettnerweg 11-15
2100 Korneuburg

Belgium

MARKT (Belgium) NV/SA
Sterrebeekstraat 163
1930 Zaventem

Brazil

M. Cassab
Av. das Nações Unidas, 20.882
Santo Amaro, CEP 04795-000
São Paulo - S.P.

Bulgaria / България

ДЕНЕКС ООД
бул. „Черни връх“ 43
София 1407

Canada

GARDENA Canada Ltd.
100, Summerlea Road
Brampton, Ontario
Canada L6T 4X3

Chile

Antonio Martinic Y CIA. LTDA.
Gilberto Fuenzalida 185 Loc.
Las Condes - Santiago de Chile

Costa Rica

Compania Exim
Euroiberoamericana S.A.
350 Sur del Automercado
Los Yoses
San Pedro

Cyprus

FARMOKIPIKI LTD
P.O. Box 7098
74, Digeni Akrita Ave.
1641 Nicosia

Czech Republic

GARDENA spol. s.r.o.
Řípská 20
62700 Brno

Denmark

GARDENA Danmark A/S
Naverland 8
2600 Glostrup

Finland

Habitec Oy
Martinkyläntie 52
01720 Vantaa

France

GARDENA France
Service Après-Vente
BP 50080
95948 ROISSY CDG Cedex

Great Britain

GARDENA UK Ltd.
27-28 Brenkley Way
Bleazard Business Park
Seaton Burn
Newcastle upon Tyne
NE13 6DS

Greece

Agrokip G. Psomadopoulos & Co.
20, Lykourgou str.
Kallithea - Athens

Hungary

GARDENA Magyarország Kft.
Késmárk utca 22
1158 Budapest

Iceland

Heimilistaeki hf
Saetun 8
P.O. Box 5340
125 Reykjavik

Republic of Ireland

Michael McLoughlin & Sons
Hardware Limited
Long Mile Road
Dublin 12

Italy

GARDENA Italia S.r.l.
Via Donizetti 22
20020 Lainate (Mi)

Japan

KAKUDAI Mfg. Co. Ltd.
1-4-4, Itachibori Nishi-ku
Osaka 550

Luxembourg

Magasins Jules Neuberg
Grand Rue 30
Case Postale No. 12
Luxembourg 2010

Netherlands

GARDENA NEDERLAND B.V.
Postbus 50176
1305 AD ALMERE

Neth. Antilles

Jonka Enterprises N.V.
Sta. Rosa Weg 196
P.O. Box 8200
Curaçao

New Zealand

NYLEX New Zealand Limited
Private Bag 94001
South Auckland Mail Centre
10 Offenhauser Drive
East Tamaki, Manukau

Norway

GARDENA Norge A/S
Postboks 214
2013 Skjetten

Poland

GARDENA Polska Sp. z o.o.
Szymanów 9 d
05-532 Baniocha

Portugal

MARKT (Portugal), Lda.
Recta da Granja do Marquês
Edif. GARDENA
Algueirão
2725-596 Mem Martins

Russia / Россия

АО АМИДА ТТЦ
ул. Мосфильмовская 66
117330 Москва

Singapore

Variware
Holland Road Shopping Centre
227-A 1st Fl., Unit 29
Holland Avenue
Singapore 1027

Slovenia / Croatia

Silk d.o.o. Trgovina
Brodišče 15
1236 Trzin

South Africa

GARDENA South Africa (Pty.) Ltd.
P.O. Box 11534
Vorna Valley 1686

Spain

ANMI Andreu y Miriam S.A.
Calle Pere IV, 111
08018 Barcelona

Sweden

GARDENA Svenska AB
Box 9003
20039 Malmö

Switzerland

GARDENA Kress + Kastner AG
Bitziberg 1
8184 Bachenbülach

Ukraine / Украина

АОЗТ АЛЬЦЕСТ
ул. Гайдара 50
г. Киев 01033

Turkey

Dost Diş Ticaret Mümessilik A.Ş.
Yeşilbağlar Mah. Başkent
Cad. No. 26
Pendik - İstanbul

USA

GARDENA
3085 Shawnee Drive
Winchester, VA 22604

7911-20.960.01/0011
GARDENA Kress + Kastner GmbH
Postfach 27 47, D-89070 Ulm
<http://www.gardena.com>