

WP 600
Art. 7630

WP 1200
Art. 7631

WP 1800
Art. 7632

D **Gebrauchsanweisung**
Gartenbrunnenpumpe

GB **Operating Instructions**
Garden Spring Pump

F **Mode d'emploi**
Pompe pour fontaine de jardin

NL **Gebruiksaanwijzing**
Pomp voor tuinfontein

S **Bruksanvisning**
Trädgårdsfontännpump

I **Istruzioni per l'uso**
Pompa per fontana da giardino

E **Manual de instrucciones**
Bomba para pozos de jardín

P **Instruções de utilização**
Bomba para fonte de jardim

DK **Brugsanvisning**
Havebrøndpumpe

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GARDENA Garden Spring Pump

WP 600 / WP 1200 / WP 1800

Welcome to the Garden of GARDENA ...



Please read the Operating Instructions carefully and comply with them. Use these operating instructions to familiarise yourself with the pump, its proper use and the safety instructions.



For safety reasons, children under 16 as well as persons not familiar with these operating instructions must not use this pump.

→ Keep these operating instructions in a safe place.

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1. Where to use your GARDENA Fountain Pump set

Intended Use:

The GARDENA Garden Spring Pump is intended for domestic use for supplying water to springs and gargoyles. It is not designed for operating watering equipment and accessories or irrigation systems. The pump can be used both indoors and outdoors.

Please note



The GARDENA Garden Spring Pump is not suitable for continuous operation in industrial applications. Corrosive, easily combustible, aggressive or explosive substances (such as gasoline, petroleum or nitro thinners), or saltwater must not be pumped, nor must foodstuffs or drinking water.

2. Safety instructions

Electrical Safety:



DANGER ! Electric shock !

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

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). The pump must be placed on solid, even ground.

→ Please ask your electrician for his advice.

Mains power cables should not have a smaller cross-section than a rubber sheathed cable of the designation H05 RN-F3G0,75. Extension cables must meet the requirements of DIN VDE 0620. Check line voltage. Data indicated on the type plate must match technical data of the mains supply.

Please unplug the pump after operation and before carrying out any maintenance works.

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

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

→ Please consult a professional electrician.

Before operating the pump, look to see if there is any damage to the pump (esp. regarding power cable and plug).

The connection cable of the pump cannot be replaced. If the cable is damaged the pump must be scrapped.

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.

User instructions:

Never let the pump run dry; running dry generates heat and will damage the pump.

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

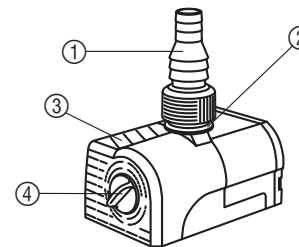
Sand and other abrasive substances in the liquid cause increased wear and reduce the output of the pump.

Please observe the local noise prevention regulations.

3. Initial Operation

Commissioning the pump:

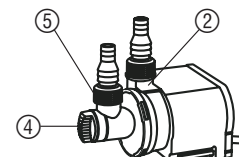
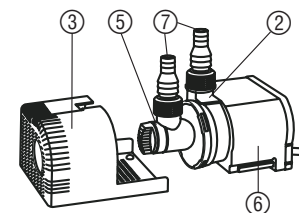
1. Screw the stepped nipple ① on to the pump outlet ②.
2. Connect the stepped nipple ① to the spring / gargoyles with a hose (1/2" or 3/4").
3. Install the pump at ground level so that the filter housing ③ is standing in water to at least half its height.
4. Insert the pump plug into a mains socket.
Caution: The pump will start immediately.
5. Use the flow control ④ to set the desired water flow for the spring / gargoyles.



Commissioning the pump if it is installed out of water:

If the pump is installed out of water, the filter housing ③ must be taken off.

1. Pull off the filter housing ③.
2. Turn the pump inlet ⑤ anticlockwise and pull it vertically off the motor housing ⑥ (bayonet socket).
3. Depending on the pumping application, the pump inlet can be rotated in 90° steps. Twist the pump inlet ⑤ accordingly, again press it vertically on to motor housing ⑥ and tighten it clockwise (see 5. Cleaning).
4. Screw stepped nipples ⑦ on to the pump inlet ⑤ and pump outlet ②.
5. Connect the pump inlet ⑤ to the water reservoir with a hose (1/2" or 3/4"). **The level in the water reservoir must be higher than the pump inlet ⑤.**
6. Connect the pump outlet ② to the spring / gargoyles with a hose (1/2" or 3/4").
7. Fill the hose to the pump inlet ⑤ with water.
8. Insert the pump plug into a mains socket.
Caution: The pump will start immediately.
9. Use the flow control ④ to set the desired water flow for the spring.



4. Storing your Garden Spring Pump

Storage:



The pump should be stored out of the reach of children.

1. Before the frosty season begins, take the pump out of the pond and clean it.
2. To avoid difficulties when starting up in the spring, we recommend storing the pump in a frost-free location in a container filled with water. *The mains plug must not be submerged.*

Disposal:

(in accordance with
RL2002/96/EC)



The product must not be added to normal household waste. It must be disposed of properly.

5. Cleaning

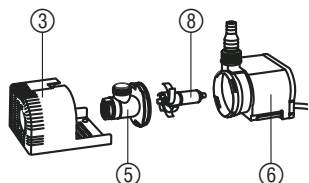


CAUTION! Electric shock !

Risk of injury due to mains electricity.

→ Before cleaning the pump, unplug the it from the mains.

Cleaning the pump:



1. Remove the filter housing ③ from the motor housing ⑥, and clean it.
2. Turn the pump inlet ⑤ anticlockwise and pull it vertically off the motor housing ⑥ (bayonet socket).
3. Take the impeller ⑧ out of the motor housing ⑥ and clean it.
4. Push the cleaned impeller ⑧ back into the motor housing ⑥.
5. Push the pump inlet ⑤ vertically on to the motor housing ⑥ and tighten it clockwise. (If the pump is to suck from underneath, the thread must face downwards).
6. Push the filter housing ③ back on to the motor housing ⑥.

6. Trouble-shooting



CAUTION! Electric shock!

Risk of injury due to mains electricity.

→ Before fault-finding, unplug the pump at the mains.

Fault	Possible cause	Remedy
The pump delivers no water	Mains plug not plugged in.	→ Plug in mains plug.
	Impeller unit is blocked.	→ Clean pump.
	Impeller running in the wrong direction due to insufficient water.	→ Disconnect from the mains and top up with water.
	Pump installed out of water and not filled.	→ Fill the inlet hose with water.
The pump delivers a reduced water flow	Filter housing dirty.	→ Clean filter housing.

CAUTION!



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

If any other faults arise, please contact GARDENA Service.

7. Accessories

GARDENA Underwater lights UL 20 / UL 20 S Set	Illumination of garden springs or objects in / on the pond.	art. 7952 art. 7958
GARDENA radio control set	Start water features and lighting from the terrace or your living room.	art. 7874

8. Technical Data

	WP 600 (art. 7630)	WP 1200 (art. 7631)	WP 1800 (art. 7632)
Mains voltage/mains frequency	230 V AC / 50 Hz	230 V AC / 50 Hz	230 V AC / 50 Hz
Rated power	8 W	16 W	30 W
Power cable	10 m; H05-RN-F	10 m; H05-RN-F	10 m; H05-RN-F
Flow	600 l/h	1200 l/h	1800 l/h
Max. delivery head	1,2 m	1,6 m	2,0 m
Max. submersion depth	1 m	1 m	1 m
Pump connection	G 1/2	G 1/2	G 1/2
Media temperature	4 °C – 35 °C	4 °C – 35 °C	4 °C – 35 °C

9. Service / Guarantee

Guarantee

GARDENA guarantees this product for 3 years (from 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 feed impeller is a wearing part and is not covered by the warranty.

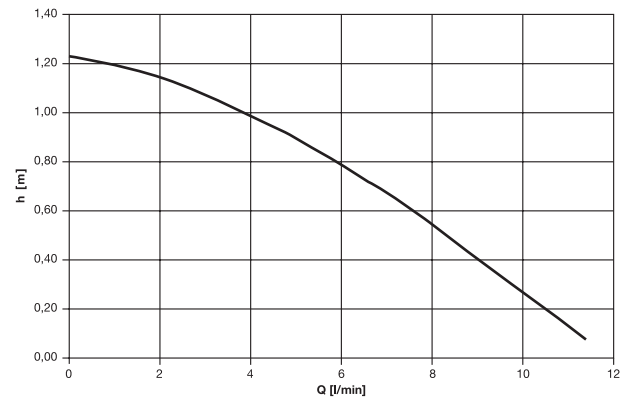
This manufacturer's guarantee does not affect the user's existing warranty claims against the dealer/ seller.

If you have any problems with your Fountain Pump Set, please contact our Service or return the defective unit together with a short description of the problem – in case of guarantee, with a copy of the receipt – postage paid to one of the GARDENA Service Centres listed on the back of this leaflet.

<p>D Produkthaftung</p>	<p>Wir weisen ausdrücklich darauf hin, dass wir nach dem Produkthaftungsgesetz nicht für durch unsere Geräte hervorgerufene Schäden einzustehen haben, sofern diese durch unsachgemäße Reparatur verursacht oder bei einem Teileaustausch nicht unsere originale GARDENA Teile oder von uns freigegebene Teile verwendet wurden und die Reparatur nicht vom GARDENA Service oder dem autorisierten Fachmann durchgeführt wird. Entsprechendes gilt für Ergänzungsteile und Zubehör.</p>
<p>GB Product Liability</p>	<p>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.</p>
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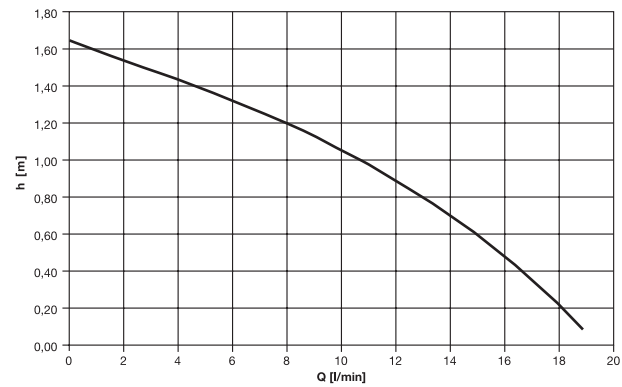
WP 600: Art. 7630

Pumpen-Kennlinie
Performance characteristics
Courbes de performance
Prestatiegrafiek
Kapacitetskurva
Curva di rendimento
Curva característica
de la bomba
Características de performance
Ydelses karakteristika



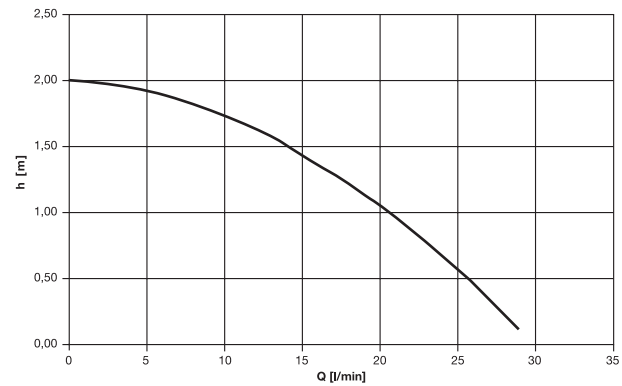
WP 1200: Art. 7631

Pumpen-Kennlinie
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WP 1800: Art. 7632

Pumpen-Kennlinie
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Características de performance
Ydelses karakteristika



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