

4000/5 eco Art. 1754
 5000/5 eco Art. 1755
 5000/5 eco inox Art. 1756

D Betriebsanleitung
 Hauswasserwerk

GB Operating Instructions
 Pressure Tank Unit

F Mode d'emploi
 Groupe de surpression

NL Gebruiksaanwijzing
 Hydrofoorpomp

S Bruksanvisning
 Hydroforpump

DK Brugsanvisning
 Husvandværk

FI Käyttöohje
 Painevesiyksikkö

N Bruksanvisning
 Trykktank

I Istruzioni per l'uso
 Autoclave

E Instrucciones de empleo
 Estación de Bombeo con Calderín

P Manual de instruções
 Bomba doméstica

PL Instrukcja obsługi
 Zestaw hydroforowy

H Használati utasítás
 Házi vízellátó

CZ Návod k obsluze
 Domáci vodárna

SK Návod na obsluhu
 Domáca vodáreň

GR Οδηγίες χρήσης
 Πιεστικό με βαρέλι

RUS Инструкция по эксплуатации
 Станция бытового водоснабжения
 автоматическая

SLO Navodilo za uporabo
 Hišna vodna črpalka

HR Upute za uporabu
 Kućni hidroforska pumpa

SRB Uputstvo za rad
BIH Kućna hidroforska pumpa

UA Інструкція з експлуатації
 Домова водопровідна станція

RO Instrucțiuni de utilizare
 Hidrofor cu rezervor

TR Kullanma Kılavuzu
 Konut Suyu Tertibatı

BG Инструкция за експлоатация
 Хидрофорна уредба с
 разширителен съд

AL Manual përdorimi
 Impiant uji për shtëpi

EST Kasutusjuhend
 Hüdfooriga veeautomaat

LT Eksploatavimo instrukcija
 Siurblys su slėgio rezervuaru

LV Lietošanas instrukcija
 Spiedtvertnes ierīce

GARDENA Pressure Tank Unit 4000/5 eco, 5000/5 eco, 5000/5 eco inox



Translation of the original German operating instructions.

Please read the operating instructions carefully and observe the notes given. Use these operating instructions to familiarise yourself with the product, the proper use and the safety instructions.



Never operate the product when you are tired, ill or under the influence of alcohol, drugs or medicine.

This product may be used under supervision, or if instruction regarding the safe use of the product has been provided and the resulting dangers have been understood, by children aged 8 and above, as well as by persons with physical, sensory or mental disabilities or a lack of experience and knowledge. Children must not be allowed to play with the product. Cleaning and user maintenance must not be performed by children without supervision. The use of this product by young people under the age of 16 is not recommended.

→ Keep these operating instructions in a safe place.

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1. Area of application of your GARDENA Pressure Tank Unit

Correct use:

The GARDENA Pressure Tank Unit is intended for private use in the house and garden; it is not intended for operation of watering equipment and accessories in public gardens.

Liquids pumped:

The GARDENA Pressure Tank Unit can be used to deliver rainwater, tap water and chlorinated swimming pool water.

Please note:



The GARDENA Pressure Tank Unit is not suitable for continuous operation (e.g. industrial use, continuous circulation operations). Corrosive, easily combustible, aggressive or explosive liquids (such as gasoline, petroleum or nitro thinner), saltwater and food must not be pumped. The temperature of the liquid must not exceed 35 °C.

2. Safety Instructions

Electrical safety



DANGER! Electric shock!

Risk of injury due to electric shock!

→ **Always unplug your pump before filling, after operation, when troubleshooting and before carrying out any maintenance work.**

Caution: Pursuant to DIN VDE 0100-702, the use of the pump is only permissible if the pump is operated via a residual-current device (FI switch).

The pump must be located on solid, even ground, protected from flooding. Take care that the pump cannot fall into water.

As an additional safety device an authorised safety switch can be used.

→ Please ask your electrician for his advice.

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

The power cable as well as any extension cable must not have a smaller diameter than rubber sheathed cables according to DIN VDE 0620 (see Technical Data – *Connection cable*).

Protect the power cable from heat, oil and sharp edges.

Do not use the power cable for carrying the pump or for unplugging.

→ If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

In Austria

In Austria the electrical connection must satisfy the ÖVE-EM 42, T2 (2000)/1979 § 22 to § 2022.1. This requires that pumps used for swimming pools and garden ponds may only be powered through an isolating transformer.

→ Please ask your electrician for his advice.

In Switzerland

In Switzerland portable devices that are used outdoors must be connected through an earth leakage circuit breaker. Mobile appliances that are used outdoors must be connected via a residual-current device.

General Information



Risk of injury due to hot water!

If the pressure switch is defective or if the water supply on the intake side of the pump fails, any water remaining in the pump may heat up, generating a risk of injuries caused by hot water on leakage.

The pump is equipped with a temperature fuse, which switches off the pump at high water temperatures (approx. 65 °C) (orange warning lamp lights up).

→ **After temperature-related cut-out, disconnect the pump from the mains via the main circuit breaker, let the water cool (approx. 10 – 15 min.) and secure the water supply on the intake side before putting into operation again.**

→ Before operating the pressure tank unit, first make a visual check to ensure there is no damage to the pressure tank unit (especially regarding power cable and plug).

A damaged pressure tank unit must not be used.

→ In case of damage, please have the pressure tank unit checked by our GARDENA Service Centre or by an authorised electrician.

Protect the pump from rain. Do not use the pressure tank unit in a wet or moist area.

In order to avoid dry-running of the pressure tank unit, take care that the end of the suction hose is always submerged into the liquid.

The pressure tank unit must not be run dry nor with the stopcock in the suction pipework closed.

→ Before each operation, fill the pressure tank unit to overflowing with approx. 2 to 3 l of the liquid to be pumped!

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

When using the pump for domestic water supply, please adhere to the local water and sewerage regulations. In addition observe the regulations of DIN 1988.

→ If necessary contact your local water authority.

Warning! This unit makes an electromagnetic field while it operates. This field may under some conditions interfere with active or passive medical implants. To decrease the risk of conditions that can possibly injure or kill, we recommend persons with medical implants to speak with their physician and the medical implant manufacturer before operating.

Warning! Keep toddlers away when you assemble the unit. Small parts can be easily swallowed. There is also a risk that the polybag can suffocate toddlers.

3. Initial Operation

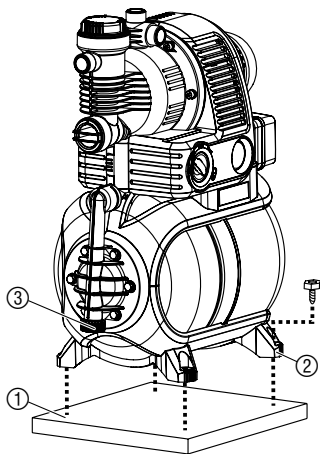
Installing the Pressure Tank Unit:

The installation position must be firm and dry, and permit a secure mounting for the pressure tank unit.

→ Install the Pressure Tank Unit at a safe distance from the pumping medium.

The pump must be installed in a location with low air humidity and sufficient ventilation in the area of the ventilation slots. It must be at a distance of at least 5 cm from the walls. No dirt contamination (e.g. sand or earth) may be sucked in through the ventilation slots.

Fixed installation of the Pressure Tank Unit:



The Pressure Tank Unit can be screwed with all 4 feet (2) onto a solid surface (1).

Alternatively, spring mounted feet (Art. 1753-00.901.00) for low vibration and quiet running are available as accessories via the GARDENA Service.

Install the pressure tank unit so that there is room to place a suitably sized drainage tray under the drain screw (3) to allow the unit or system to be drained.

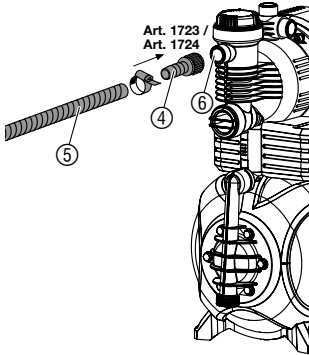
If possible, install the unit higher than the surface of the water to be pumped. If this is not possible, install a vacuum-resistant valve between the unit and the suction hose, for example for cleaning the integrated filter.

If the pump is permanently installed indoors for domestic water supply, the Pressure Tank Unit should not be connected to the domestic water pipework with rigid pipes but with flexible tubing, to reduce noise and to avoid damage to the pump caused by pressure blows.

If the system is being installed permanently, please fit suitable valves on both the intake and delivery sides. This is important e.g. for maintenance and cleaning work or if the system is being shut down.

The connection pieces on the intake and delivery sides may only be tightened by hand.

Connect the hose to the suction side:



A vacuum-tight suction hose must be used e.g.:

- GARDENA Suction Unit **Art. no. 1411/1418/1412** or
- GARDENA Bore Hole Suction Hose **Art. no. 1729**.

Do not use any water hose snap connection system components on the intake side!

→ **Connect the suction hose ⑤ with the intake side connection ⑥ of the pump.**

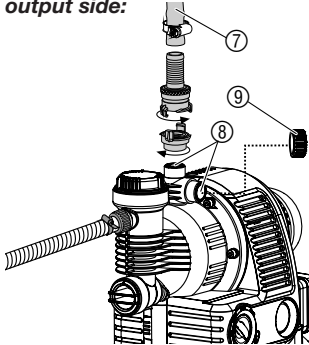
Connect the suction hoses ⑤ without a threaded connector via a connection piece (e.g. Art. no. **1723/1724**) ④ with the intake side connection and screw in place so that they are airtight.

To reduce the pump repriming time, we recommend using a suction hose with backflow preventer, which prevents the suction hose emptying automatically when the Pressure Tank Unit is switched off.

For suction heights exceeding 4 m also secure the suction hose ⑤ (e.g. by fastening it to a wooden post) to relieve the pump of the weight of the suction hose.

If very fine dirt is present in the pumping medium, we recommend the use of a **GARDENA Pump Preliminary Filter Art. no. 1730/1731**.

Connect hose to the output side:



Note:

Use pressure-tight GARDENA hoses, 19 mm (3/4") in diameter, in connection with the GARDENA Quick-Release Threaded Connector with 33.3 mm (G1) internal thread, **Art. no. 7109**, and the GARDENA Suction and High Pressure Connector, **Art. no. 7120**, for 19 mm (3/4") hoses and a GARDENA Hose Clip, **Art. no. 7192**.
Under no circumstances use these hoses on the suction side.

1. Connect the delivery hose ⑦ with one of the three connections ⑧ to the delivery side.
2. Unused pressure connections must be closed off with an end cap ⑨.

Tip: With fixed piping, only assign max. 2 connections ⑧ so that the air can be bled off via the end cap ⑨ of the third connection. Permanent pipes must be laid at an ascending angle in order to allow the water to flow back into the pump on the pressure side.

4. Operation

Starting the Pressure Tank Unit:

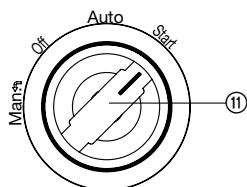
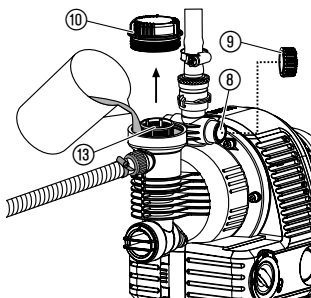
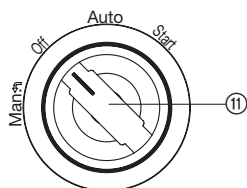


DANGER! Electric shock!

→ Before filling the pump, unplug the equipment from the mains.

WARNING!

→ Fill the pump to the overflow (approx. 2 to 3 l) with water each time before the pump is switched on.



1. Turn the rotary switch ⑪ to **OFF**.
2. Unscrew the cover ⑩ of the filter chamber by hand.
3. Open an end cap ⑨ on the delivery side to bleed off the air.
4. Open any valves in the delivery line (watering accessories, water stop, etc.) and drain off any residual water in the delivery hose so that the air can escape during filling and priming.
5. Slowly pour pumping medium (approx. 2 to 3 l) through the filler neck ⑬ until water emerges from the open delivery side connection ⑧.
6. Screw the filter chamber cover ⑩ closed again, turning by hand until it stops.
7. **Close the end cap ⑨ on the delivery side which had been opened to bleed off the air.**
8. **Insert the mains plug into a 230 V mains socket.**
9. **Turn the rotary switch ⑪ to START. The pump will start immediately!**

Once priming has taken place, the rotary switch switches automatically to **AUTO** and the dry-running safety is activated. Once the maximum pressure is reached the pump will switch off automatically. When the pressure falls below the minimum value due to water being drawn off, the pump will switch on again automatically.



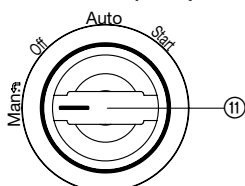
WARNING!

If the pump has not started priming after 10 min., turn the rotary switch ⑪ to OFF.

→ See 7. Trouble-Shooting "The pump sucks nothing up".

The maximum self-priming head of 8 m is only achieved if the pump is filled until it overflows from the filler connection ⑬ and the delivery hose is held high enough during self-priming so that no water can escape from the pump via the delivery hose. It is not necessary to hold up the delivery hose if filled suction hoses with backflow preventer are used.

Manual mode (Man.):



When conveying very large water quantities at very low pressure, the pump switches off in **Auto** mode for safety reasons. However, should this operation be required, the pump can be operated in **manual mode (Man.)**

Warning: This deactivates the dry-running safety.

→ **Pull the rotary switch ⑪ and turn to Man.**

The pump will start.

ECO switch:



In order to save energy (up to 15 %), the cut-out pressure on the pump can, depending on the individual application, be regulated between **ECO** and **MAX** (the pressure difference between **ECO** and **MAX** totals approx. 1 bar).

→ Turn the **ECO** rotary switch ⑭ to the required position.

Note on the use of sprinklers:

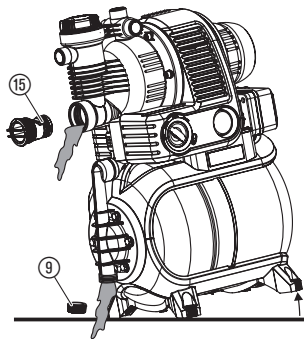
Depending on the flow rate of the sprinkler, an uneven watering pattern may occur through the pump being switched on and off automatically.

5. Storage

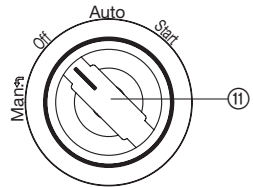
To put into storage:



If there is a risk of frost, the Pressure Tank Unit must be emptied and stored where it will not become frozen. Store out of the reach of children.



1. Turn the rotary switch ⑪ to **OFF**.
2. Unplug the mains connection for the pump.
3. Open the delivery side consumer.
4. Unscrew the end cap ⑨ and screw out the check valve ⑮ using a suitable tool.
5. Tip the pump in the direction of the water outlet so that the Pressure Tank Unit is completely drained off.
6. Store the pressure tank unit in a dry, frost-free place.



Disposal:

(in accordance with
RL 2012/19/EU)



The product must not be added to normal household waste. It must be disposed of in line with local environmental regulations.
→ Important: Make sure that the unit is disposed of via your municipal recycling collection centre.

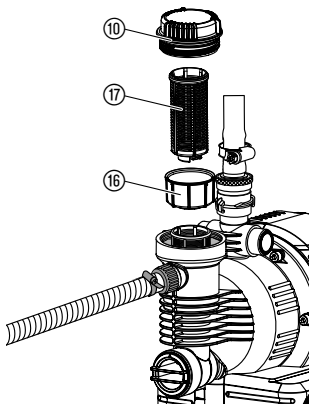
6. Maintenance



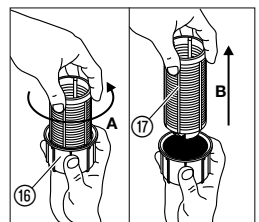
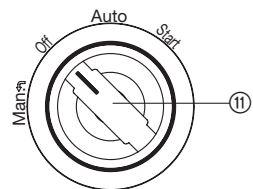
DANGER! Electric shock!

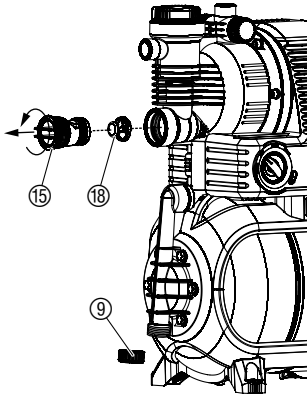
→ Pull out mains plug before undertaking any maintenance.

Clean suction filter:

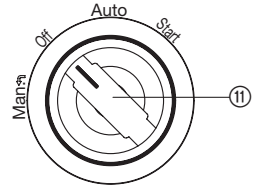


1. Turn the rotary switch ⑪ to **OFF**.
2. If necessary, close all the shut-off devices on the intake side.
3. Unscrew and remove cover ⑩ of the filter chamber.
4. Draw out filter unit ⑮ ⑰ vertically upwards.
5. Hold beaker ⑯ firmly, turn filter ⑰ anti-clockwise **A** and draw out **B** (bayonet fitting).
6. Clean beaker ⑯ under running water and clean the filter ⑰ e.g. with a soft brush.
7. Refit filter again in reverse order.



Cleaning the check valve:

1. Turn the rotary switch ⑪ to **OFF**.
2. If necessary, close all valves on the intake side.
3. Open all pressure side outlets, so that the pressure side is depressurised.
4. Unscrew the end cap ⑨ and drain off the water
5. Screw out the cover ⑮ of the check valve (if applicable using a suitable tool).
6. Remove the valve body ⑱ and wash it under running water.
7. Refit in reverse order.
8. Switch the Pressure Tank Unit back on again (see 4. Operation).

**7. Trouble-Shooting****DANGER! Electric shock!**

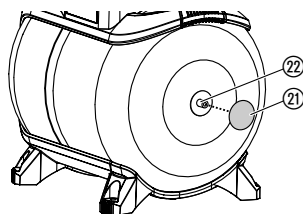
→ **Unplug the cable at the mains before trouble-shooting.**

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

Problem	Possible Cause	Remedy
The pump sucks nothing up.	Rotary switch is not turned to START .	→ Restart the pump (see 4. Operation).
	The pump is sucking air through a leak at a connection on the suction side.	→ Check all connections and make them air-tight as necessary.
	Pump is not adequately primed with the liquid to be pumped.	→ Fill the pump and ensure that the water is able to flow back into the pressure line (see 4. Operation).
	Air cannot escape on the pressure side, because the pressure side outlets are closed.	→ Open the pressure side outlets.
	End of the suction hose is not in the water, the non-return valve at the end of the suction hose is missing or leaking, the suction hose is kinked, connections are leaking or the suction filter is blocked.	→ Check the complete suction hose from suction point through to the pump for leak-tightness and repair any leaks as necessary. Check the intake side water supply. If applicable, clean the suction filter.
Pump motor does not start or stops suddenly during operation.	Mains plug not plugged in.	→ Insert mains plug into a mains socket (230 V AC).
	Power failure.	→ Check fuse and cables.

Problem	Possible Cause	Remedy
Pump motor does not start or stops suddenly during operation.	Thermo circuit breaker activated (orange warning lamp lights up and the pump housing is heated).	<ol style="list-style-type: none"> 1. Turn the rotary switch to OFF. 2. Open consumer (relief pressure). 3. Ensure sufficient ventilation and allow the pump to cool for approx. 15 min. 4. Restart the pump (see 4. Operation).
	The dry-running safety has been activated (orange warning lamp lights up).	→ Check the water supply on the intake side and restart the pump (see 4. Operation).
	Water removal in Auto mode too high. Pressure monitoring has been activated (orange warning lamp lights up).	→ Turn the rotary switch to Man. (Warning! Dry-running safety is deactivated).
Pump motor runs, but quantity delivered or pressure fall away suddenly.	Leak on the suction side.	→ Repair the leak.
	Too little water on intake side.	→ Throttle the pump on the pressure side so that the flow quantity on the suction side is governed by that on the pressure side.
	Suction filter, check valve or backflow preventer at the end of the suction hose is blocked.	→ Clean the suction filter, check valve or backflow preventer.
Pump switches on and off too frequently.	Leakage on delivery side.	→ Check the delivery side for leaks and remove as necessary.
	Pressure in the boiler is too low.	→ Top up the air in the storage tank (see below).
	Boiler diaphragm is damaged.	→ Contact GARDENA Service.
Pump switches on and off several times before shutting down.	Installation-related fluctuations in pressure.	→ Turn ECO switch slightly towards MAX .

Top up the air in the storage tank:



The pressure in the storage tank must be approx. 1.0 bar.

To top up the air, an air pump/tyre pump with a pressure gauge (manometer) is required.

1. Unscrew the protective cover ②.
2. Open all pressure side outlets, so that the pressure side is depressurised.
3. Attach the air pump/tyre pump to the boiler valve ② and pump air in until the air pump/tyre pump pressure gauge shows approx. 1.0 bar.
4. Screw the protective cover ② back on.



For any other malfunctions please contact the GARDENA service department. Repairs must only be carried out by GARDENA service departments or specialist dealers authorised by GARDENA.

8. Available accessories

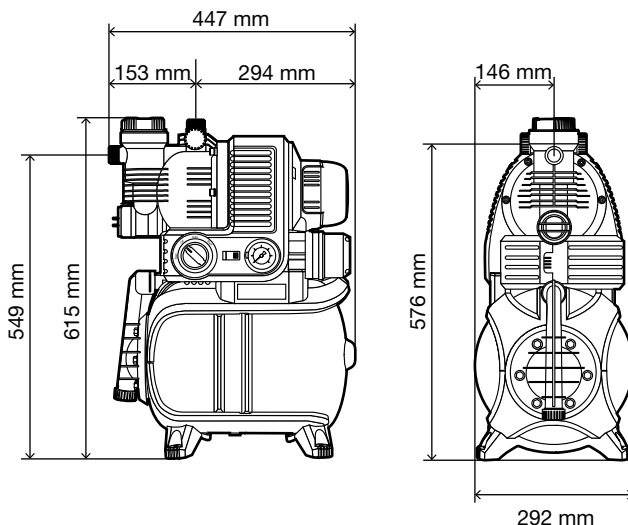
GARDENA Suction Hoses	Kink and vacuum-resistant, sold by the metre with 19 mm (3/4"), 25 mm (1") or 32 mm (5/4") diameter without fittings or in fixed lengths Art. no. 1411/1418, complete with fittings.	
GARDENA Suction Hose Fittings	For vacuum-resistant connection of the pump to the suction hose sold by the metre.	Art. no. 1723/1724
Suction Filter with Backflow Preventer	To equip suction hoses with Backflow Preventer sold by the metre.	Art. no. 1726/1727
GARDENA Pump Preliminary Filter	Recommended for pumping sandy water.	Art. no. 1730/1731
GARDENA Bore Hole Suction Hose	For vacuum-resistant connection of the pump to boreholes or pipe networks. Length 0.5 m. With 33.3 mm (G1) female thread at both ends.	Art. no. 1729
GARDENA Spring mounted feet (4 x)	Spring mounted feet for vibration-free, quiet running. Can be obtained via GARDENA Service.	Art. no. 1753-00.901.00

9. Technical Data

Type	4000/5 eco (Art. no. 1754)	5000/5 eco (Art. no. 1755)	5000/5 eco inox (Art. no. 1756)
Voltage/Frequency	230 V AC/50 Hz	230 V AC/50 Hz	230 V AC/50 Hz
Rated power	850 W	1100 W	1200 W
Connection cable	1.5 m H05RN-F	1.5 m H07RN-F	1.5 m H07RN-F
Max. delivery capacity	3500 l/h	4500 l/h	4500 l/h
Max. pressure / max. delivery head	4.5 bar/45 m	5.0 bar/50 m	5.0 bar/50 m
Max. suction height	8 m	8 m	8 m
Cut-in pressure	1.5 ± 0.1 bar	1.8 ± 0.1 bar	1.8 ± 0.1 bar
Switch-off pressure eco/max.	2.2/3.2 bar	2.5/3.5 bar	2.5/3.5 bar
Perm. internal pressure (delivery side)	6 bar	6 bar	6 bar
Weight	15.0 kg	17.0 kg	17.0 kg

Type	4000/5 eco (Art. no. 1754)	5000/5 eco (Art. no. 1755)	5000/5 eco inox (Art. no. 1756)
Dimensions (L x W x H)	45 cm x 29 cm x 62 cm	45 cm x 29 cm x 62 cm	45 cm x 29 cm x 62 cm
Sound power level $L_{WA}^{1)}$ (measured/guaranteed)	83 dB(A)/84 dB(A)	87 dB(A)/88 dB(A)	87 dB(A)/89 dB(A)
Uncertainty $K_{WA}^{1)}$	2.1 dB(A)	2.1 dB(A)	2.3 dB(A)

¹⁾ Measuring process complying with RL 2000/14/EG



10. Service/Warranty

Service:

Please contact the address on the back page.

Warranty:

GARDENA Manufacturing GmbH guarantees this unit for 2 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 impeller and filter are wearing parts and are therefore 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 problems with this unit, please contact our Service.

D Produkthaftung

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 Ergänzungssteile und Zubehör.

GB 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.

F Responsabilité

Nous vous signalons expressément que GARDENA n'est pas responsable des dommages causés par ses appareils, dans la mesure où ces dommages seraient causés suite à une réparation non conforme, dans la mesure où, lors d'un échange de pièces, les pièces d'origine GARDENA n'auraient pas été utilisées, ou si la réparation n'a pas été effectuée par le Service Après-Vente GARDENA ou l'un des Centres SAV agréés GARDENA. Ceci est également valable pour tout ajout de pièces et d'accessoires autres que ceux préconisés par GARDENA.

NL Productaansprakelijkheid

Wij wijzen er nadrukkelijk op, dat wij op grond van de wet aansprakelijkheid voor producten niet aansprakelijk zijn voor schade ontstaan door onze apparaten, indien deze door onvakkundige reparatie veroorzaakt zijn, of er bij het uitwisselen van onderdelen geen gebruik gemaakt werd van onze originele GARDENA onderdelen of door ons vrijgegeven onderdelen en de reparatie niet door de GARDENA technische dienst of de bevoegde vakman uitgevoerd werd. Ditzelfde geldt voor extra-onderdelen en accessoires.

S Produktansvar

Tillverkaren är inte ansvarig för skada som orsakats av produkten om skadan beror på att produkten har reparerats felaktigt eller om, vid reparation eller utbyte, andra än Original GARDENA reservdelar har använts. Samma sak gäller för kompletteringsdelar och tillbehör.

DK Produktansvar

Vi gør udtrykkeligt opmærksom på, at vi i henhold til produktansvarsloven ikke er ansvarlige for skader forårsaget af vores udstyr, såfremt det sker på grund af uautoriserede reparationer eller hvis dele er skiftet ud og der ikke er anvendt originale GARDENA dele eller dele godkendt af os, eller hvis reparationerne ikke er udført af GARDENA-service eller en autoriseret fagmand. Det samme gælder for ekstra udstyr og tilbehør.

FI Tuotevastuu

Korostamme nimenomaan, että tuotevastuulain nojalla emme ole vastuussa laitteistamme johtuneista vahingoista, mikäli nämä ovat aiheutuneet epäasianmukaisesta korjauksesta tai osia vaihdettaessa ei ole käytetty alkuperäisiä GARDENA-varaosia tai hyväksymiämme osia ja korjauksen on suorittanut muu kuin GARDENA-huoltokeskus tai valtuuttamamme ammattihenkilö. Tämä pätee myös lisäksiin ja lisävarusteisiin.

I Responsabilità del prodotto

Si rende espressamente noto che, conformemente alla legislazione sulla responsabilità del prodotto, non si risponde di danni causati da nostri articoli se originati da riparazioni eseguite non correttamente o da sostituzioni di parti effettuate con materiale non originale GARDENA o comunque da noi non approvato e, in ogni caso, qualora l'intervento non venga eseguito da un centro assistenza GARDENA o da personale specializzato autorizzato. Lo stesso vale per le parti complementari e gli accessori.

E Responsabilidad de productos

Advertimos que conforme a la ley de responsabilidad de productos no nos responsabilizamos de daños causados por nuestros aparatos, siempre y cuando dichos daños hayan sido originados por arreglos o reparaciones indebidas, por recambios con piezas que no sean piezas originales GARDENA o bien piezas no autorizadas por nosotros, así como en aquellos casos en que la reparación no haya sido efectuada por un Servicio Técnico GARDENA o por un técnico autorizado. Lo mismo es aplicable para las piezas complementarias y accesorios.

P Responsabilidade sobre o produto

Queremos salientar que segundo a lei da responsabilidade do fabricante, nós não nos responsabilizaremos por danos causados pelo nosso equipamento, quando estes ocorrerem em decorrência de reparações inadequadas ou da substituição de peças por peças não originais da GARDENA, ou peças não autorizadas.

A responsabilidade tornar-se-à nula também depois de reparações realizadas por oficinas não autorizadas pela GARDENA. Esta restrição valerá também para peças adicionais e acessórios.

PL Odpowiedzialność za produkt

Zwracamy Państwu uwagę, że nie ponosimy odpowiedzialności za uszkodzenia naszych maszyn, bądź szkody spowodowane ich wadliwym funkcjonowaniem, powstałe na skutek nieprawidłowo przeprowadzonych napraw lub użycia nieoryginalnych części zamiennych. Naprawy winny być przeprowadzane tylko przez punkty serwisowe Husqvarna lub autoryzowane serwisy. Dotyczy to również części uzupełniających i oprzyrządowania.

H Termékszavatosság

Nyomatékosan utalunk arra a tényre, hogy a termékszavatossági törvény szerint nem kell jótállást vállalnunk azokra a károokra, amelyeket nem a mi készülékeink okoztak, ha ezeket átkészületlen javítás okozta vagy egy alkatrész kicserélésénél nem a mi eredeti GARDENA alkatrészeinket vagy általunk engedélyezett alkatrészeket használták fel és a javítást nem a GARDENA szerviz vagy egy erre felhatalmazott szakember végezte. Hasonlóképpen érvényes ez a kiegészítő alkatrészekre és tartozékokra is.

CZ Odpovědnost za výrobek

Výslovně upozorňujeme na to, že podle zákona o odpovědnosti za výrobek nenese odpovědnost za škody způsobené našimi přístroji, pokud byly způsobené neodbornou opravou nebo použitím jiných než našich originálních náhradních dílů GARDENA nebo námi schválených dílů a neprovedením opravy servisem GARDENA nebo autorizovaným odborníkem. Odpovídající platí i pro doplňkové díly a příslušenství.

SK Predmet záruky

Upozorňujeme dôrazne na to, že podľa zákona o poskytovaní záruk nezodpovedáme za škody spôsobené našimi výrobkami, v prípade, že boli boli vyvolané neodbornými opravami, výmenou dielcov, ktoré nepatria k originálnym dielom GARDENA alebo neboli nami schválené a rovnako boli spôsobené servisnými zásahmi, ktoré neboli vykonané servisom GARDENA alebo autorizovaným odborníkom. Rovnako to platí pre doplnky a príslušenstvo.

GR Ευθύνη για το προϊόν

Σας υπενθυμίζουμε ρητά, ότι σύμφωνα με το νόμο περί ευθύνης για τα προϊόντα δεν ευθυνόμαστε για ενδεχόμενες βλάβες που προκαλούνται από τις συσκευές μας, εφόσον οφείλονται σε μία ακατάλληλη επισκευή ή σε μια αντικατάσταση τμημάτων για την οποία δεν έχουν χρησιμοποιηθεί τα πρωτότυπα ανταλλακτικά της GARDENA ή τα από μας εγκεκριμένα ανταλλακτικά και σε περίπτωση που δεν εκτελείται η επισκευή από το Τμήμα Εξυπηρέτησης Πελατών της GARDENA ή από έναν εξουσιοδοτημένο εξειδικευμένο τεχνίτη. Το ίδιο ισχύει για εξαρτήματα και συμπληρωματικά τμήματα.

SLO Jamstvo za izdelek

Pismo poudarjamo, da po zakonu jamstva za izdelek nismo odgovorni za škodo, ki bi nastala zaradi uporabe našega izdelka, prav tako tudi ne za škodo ki bi nastala zaradi nepravilnega popravila izdelka ali pri napačni zamenjavi delov, ki niso originalni deli GARDENA ali pri uporabi z naše strani potrjenih delov, ki pa niso bili vgrajeni v servisu GARDENA ali v naši pooblašteni servisni službi. Enako velja tudi za nadomestne dele in opremo.

HR Odgovornost za proizvod

Izričito napominjemo da u skladu sa Zakonom o odgovornosti za proizvode nismo odgovorni za štete uzrokovane našim uređajima ako su one izazvane nestručnim popravkom ili u slučaju zamjene dijelova nisu korišteni originalni GARDENA dijelovi ili dijelovi koje smo odobrili i popravak nije izvršio GARDENA servis ili ovlašteni stručnjak. Isto vrijedi i za dodatne dijelove i pribor.

RO Responsabilitatea legala a produsului

Menționăm în mod expres ca, în concordanță cu responsabilitatea legală a produsului, nu suntem răspunzători de nici un accident provocat de produsele noastre dacă se datorează reparării necorespunzătoare sau dacă piesele de schimb nu sunt originale GARDENA sau aprobate de GARDENA, sau dacă reparațiile nu au fost efectuate de un Centru de Service GARDENA sau un specialist autorizat. Aceleași prevederi se aplică și pieselor de schimb și accesoriilor.

BG Отговорност за качество

Изрично подчертаваме, че съгласно закона за отговорност за качество, ние не носим отговорност за вредите причинени от нашите уреди, ако същите са причинени от неправилен ремонт или при подмяната на части не са използвани оригинални части на GARDENA или части одобрени от нас и ремонта не е извършен от сервиз на GARDENA или оторизиран специалист. Същото важи за допълнителните части и принадлежности.

EST Tootevastutus

Juhime teie tähelepanu sellele, et tootevastutusseaduse kohaselt ei vastuta me meie seadmete poolt põhjustatud kahjude eest, kui need on tekkinud asjatundmatu paranduse tagajärjel või kui detaili vahetamisel ei kasutatud GARDENA originaalvaruosi ega meie poolt kasutada lubatud varuosia ja kui parandustöid ei ole teinud GARDENA klienditeenindusspetsialistid ega meie volitatud spetsialistid. Sama kehtib lisadetailide ja tarvikute kohta.

LT Atsakomybė už produkciją

Nurodome, kad remdamiesi Atsakomybės už produkciją įstatymu, neatsakome už nuostolius, sukeltus mūsų prietaisy, jei jie atsirado dėl netinkamo remonto, arba, jei keičiant dalis, buvo naudojamasi neoriginalios GARDENA dalys arba dalys, kurių mes neleidome naudoti, o remontą atliko ne GARDENA servisas arba neįgaliotasis specialistas. Tas pats galioja papildomoms dalims ir priedams.

LV Produkta atbildība

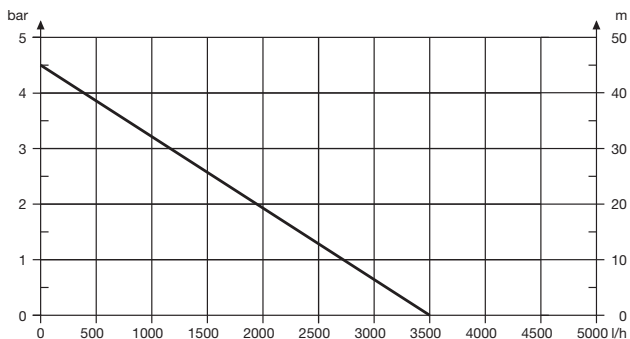
Mēs skaidri norādām uz to, ka saskaņā ar Produktu atbildības likumu, mēs neatbildam par mūsu iekārtu radītiem zaudējumiem, ciktāl tos ir izraisījis neatbilstošs remonts vai daļu nomaiņa ar neoriģinālām GARDENA daļām vai ne ar mūsu norādītajām detaļām un remontu nav veicis GARDENA serviss vai pilnvarots speciālists. Tas pats attiecas uz papildinošajām daļām un piederumiem.

<p>D EG-Konformitätserklärung Der Unterzeichnete Husqvarna AB, 561 82 Huskvarna, Sweden bestätigt, dass die nachfolgend bezeichneten Geräte in der von uns in Verkehr gebrachten Ausführung die Anforderungen der harmonisierten EU-Richtlinien, EU-Sicherheitsstandards und produktspezifischen Standards erfüllen. Bei einer nicht mit uns abgestimmten Änderung der Geräte verliert diese Erklärung ihre Gültigkeit.</p>	<p>H EU-Megfelelőeségi nyilatkozat Alulírott, a Husqvarna AB, 561 82 Huskvarna, Sweden igazolja azt, hogy az alábbiakban megnevezett készülékek, az általunk forgalomba hozott kivitelben teljesítik a harmonizációs EU-irányelvek, az EU biztonsági szabványok és a termékre jellemző szabványok követelményeit. Ha a készülékeken a mi beleegyezésünk nélkül változtatást végeznek, akkor ez a nyilatkozat érvényét veszti.</p>
<p>GB EU Declaration of Conformity The undersigned Husqvarna AB, 561 82 Huskvarna, Sweden hereby certifies that, when leaving our factory, the units indicated below are in accordance with the harmonised EU guidelines, EU standards of safety and product specific standards. This certificate becomes void if the units are modified without our approval.</p>	<p>CZ Prohlášení o shodě EU Podepsaný Husqvarna AB, 561 82 Huskvarna, Sweden potvrzuje, že dále uvedené přístroje v rámci dovozu uvedeném provedení splňují požadavky harmonizovaných směrnic EU, bezpečnostních norem EU a norem specifických pro výrobek. Při námi neschválené změně přístrojů ztrácí toto prohlášení platnost.</p>
<p>F Certificat de conformité aux directives européennes Le constructeur, soussigné : Husqvarna AB, 561 82 Huskvarna, Sweden déclare qu'à la sortie de ses usines le matériel neuf désigné ci-dessous étai conforme aux prescriptions des directives européennes énoncées ci-après et conforme aux règles de sécurité et autres règles qui lui sont applicables dans le cadre de l'Union européenne. Toute modification portée sur ce produit sans l'accord express de GARDENA suppose la validité de ce certificat.</p>	<p>SK EU-Vyhlasenie o zhode Nižšie uvedená firma Husqvarna AB, 561 82 Huskvarna, Sweden vyhlasuje, že uvedené zariadenia, ktoré uviedla na trh v tomto vyhotovení, spĺňajú požiadavky harmonizovaných smerníc EU, bezpečnostných noriem EU a noriem špecifických pre výrobok. Pri zmene zariadenia, ktorá nebola odsúhlasená výrobcom stráca toto vyhlásenie platnosť.</p>
<p>NL EU-overeenstemmingsverklaring Ondergetekende Husqvarna AB, 561 82 Huskvarna, Sweden bevestigt, dat de volgende genoemde apparaten in de door ons in de handel gebrachte uitvoering voldoen aan de eis van, en in overeenstemming zijn met de EU-richtlijnen, de EU-veiligheidsstandaard en de voor het product specifieke standaard. Bij een niet met ons afgestemde verandering aan de apparaten verliest deze verklaring haar geldigheid.</p>	<p>GR Δήλωση Συμμόρφωσης προς τις Οδηγίες της ΕΕ Η υπογράφουσα Husqvarna AB, 561 82 Huskvarna, Sweden δηλώνει, ότι τα εξής αναφερόμενα εκδοόμενα από την εταιρία μας προϊόντα ανταποκρίνονται σε όλες τις εναρμονισμένες προδιαγραφές της ΕΕ, στα πρότυπα ασφαλείας της ΕΕ και στα ειδικά για το προϊόν πρότυπα. Σε μία μη συμφωνημένη με την εταιρία μας τροποποίηση των συσκευών αυτή η δήλωση χάνει την ισχύ της.</p>
<p>S EU Tillverkarintyg Undertecknad firma Husqvarna AB, 561 82 Huskvarna, Sweden intygar härmed att nedan nämnda produkter överensstämmer med EU:s direktiv, EU:s säkerhetsstandard och produktspecifikation. Detta intyg upphör att gälla om produkten ändras utan vårt tillstånd.</p>	<p>SLO EU-izjava o skladnosti Podpisani proizvajalca «Husqvarna AB, 561 82 Huskvarna, Sweden» s podpisom potrjuje, da sledeče opisana naprava, ki smo jo poslali na tržišče izpolnjuje zahteve harmoniziranih standardov ES-smernic, ES-varnostnih standardov in izdelku specifičnih standardov. V primeru spremembe na napravi brez našega pisnega dovoljenja ta izjava izgubi svojo pomen in veljavnost.</p>
<p>DK EU Overensstemmelse certifikat Undertegnede Husqvarna AB, 561 82 Huskvarna, Sweden bekræfter hermed, at enheder listede herunder, ved afsendelse fra fabrikken, er i overensstemmelse med harmoniserede EU retningslinjer, EU sikkerheds standarder og produkt specifikations standarder. Dette certifikat træder ud af kraft hvis enhederne er ændret uden vor godkendelse.</p>	<p>HR Izjava o skladnosti EU-a Dolje potpisana tvrtka Husqvarna AB, 561 82 Huskvarna, Sweden ovime potvrđuje da dolje navedeni uređaji u izvedbi plaširanoj na tržište ispunjavaju zahtjeve harmoniziranih EU smjernica, EU sigurnosnih normi i normi za određene proizvode. Ova izjava postaje ništavna u slučaju izmjene uređaja koje nismo odobrili.</p>
<p>FI EU-yhdenmukaisuusvakuutus Allekirjoittanut Husqvarna AB, 561 82 Huskvarna, Sweden vakuuttaa, että alla mainittu laitteet täyttävät tehtaaltamme lähtiesään yhdenmukaisistettujen EU-direktiivien, EU-turvallisuusstandardien ja tuotekohtaisten standardien vaatimukset. Laitteisiin tehyd muutokset, joista ei ole sovittu kanssamme, joutavat tämän vakuutuksen raukaamiseen.</p>	<p>RO UE-Certificat de conformitate Prin prezenta Husqvarna AB, 561 82 Huskvarna, Sweden, certifica faptul ca, in momentul in care produsele mentionate mai jos ies din fabrica sunt in concordanta cu directivele UE, standardele de siguranta UE si standardele specifice ale produsului UE. Acest certificat devine nul in cazul modificării aparatului fără aprobarea noastră.</p>
<p>I Dichiarazione di conformità alle norme UE La sottoscritta Husqvarna AB, 561 82 Huskvarna, Sweden certifica che il prodotto qui di seguito indicato, nei modelli da noi commercializzati, è conforme alle direttive armonizzate UE nonché agli standard di sicurezza e agli standard specifici di prodotto. Qualunque modifica apportata al prodotto senza nostra specifica autorizzazione invalida la presente dichiarazione.</p>	<p>BG ЕС-Декларация за съответствие Подписаната фирма Husqvarna AB, 561 82 Huskvarna, Sweden декларира, че описаните по-долу уреди, пуснати в продажба съгласно нашата спецификация, изпълняват изискванията на хармонизираните ЕС-директиви, ЕС-стандарти за безопасност и специфичните производствени стандарти. При промяна на уреда, която не е съгласувана с нас, тази декларация губи своята валидност.</p>
<p>E Declaración de conformidad de la UE El que suscribe Husqvarna AB, 561 82 Huskvarna, Sweden declara que la presente mercancía, objeto de la presente declaración, cumple con todas las normas de la UE, en lo que a normas técnicas, de homologación y de seguridad se refiere. En caso de realizar cualquier modificación en la presente mercancía sin nuestra previa autorización, esta declaración pierde su validez.</p>	<p>EST Eli vastavusdeklaratsioon Allkirjutanud Husqvarna AB, 561 82 Huskvarna, Sweden kinnitab, et kirjeldatud seade vastab meie poolt ringluse viidud kujul ELi harmoniseeritud direktiividele, ELi ohutusstandarditele ja tootega seotud standarditele. Meiega kooskõlastamata muudatus tegemise korral seadmel kaotab see deklaratsioon kehtivuse.</p>
<p>P Certificado de conformidad da UE Os abaixo mencionados Husqvarna AB, 561 82 Huskvarna, Sweden, por este meio certificam que ao sair da fábrica os aparelhos abaixo mencionados estão de acordo com as directivas harmonizadas da UE, padrões de segurança e de produtos específicos. Este certificado ficará nulo se as unidades forem modificadas sem a nossa aprovação.</p>	<p>LT ES Atitikties deklaracija Pasirašanti mūsų Husqvarna AB, 561 82 Huskvarna, Sweden patvirtina, kad žemiau nurodyti prietaisai ir jų modeliai, kurie buvo pagaminti mūsų gamyklose atitinka ES direktyvas, ES saugumo standartus ir specifinius gaminių standartus. Atlikus bet kokį prietaiso pakeitimą, kuris nėra suderintas su mumis, ši deklaracija praranda galiojimą.</p>
<p>PL Deklaracja zgodności Unii Europejskiej Husqvarna AB, 561 82 Huskvarna, Sweden potwierdza, że poniżej określone urządzenia w wersji oferowanej przez nas do sprzedaży spełniają wymagania zharmonizowanych dyrektyw Unii Europejskiej, standardu bezpieczeństwa Unii Europejskiej i standardu specyficznego dla tego typu produktów. W przypadku zmiany urządzenia, która nie została z nami uzgodniona, niniejsza deklaracja traci moc obowiązującą.</p>	<p>LV ES-atbilstības deklarācija Parakstīstusies Husqvarna AB, 561 82 Huskvarna, Sweden, Vācija apstiprina, ka sekojoši apzīmētās iekārtas, kurās mēs izplatām, savā izpildījumā atbilst harmonizētajām ES direktīvām, ES drošības standartiem un produkta specifiskajiem standartiem. Ar mūsu neapstiprinātām izmaiņām iekārtā šī deklarācija zaudē savu derīgumu.</p>

<p>Bezeichnung der Geräte: Description of the units: Désignation du matériel : Omschrijving van de apparaten: Produktbeskrivning: Beskrivelse af produktet: Laitteiden nimitys: Descrizione dei prodotti: Descripción de la mercancía: Descrição dos aparelhos: Nazwa urządzenia: A készülékek megnevezése: Označení přístrojů: Označenie zariadenia: Ονομασία της συσκευής: Opis naprave: Oznaka uređaja: Descrierea articolelor: Обозначение на уредите:</p> <p>Seadmete nimetus: Prietaisų pavadinimas: Iekārtu apzīmējums:</p>	<p>Hauswasserwerk Pressure Tank Unit Groupe de surpression Hydrofoorpomp Hydroforpump Husvandværk Painesviyksikkö Autoclave Estación de Bombeo con Calderín Bomba doméstica Zestaw hydroforowy Házi vízellátó Domáci vodárna Domáca vodáreň Πιεστικό με βαρέλι Hišna vodna črpalka Kučini hidroforska pumpa Hidrofor cu rezervor Хидрофорна уредба с разширителен съд Hüdrofooriga veeautomaat Siurblys su slėgio rezervuaru Spiedtvertnes ierīce</p>	<p>Schall-Leistungspegel: gemessen / garantiert Noise level: measured / guaranteed Puissance acoustique : mesurée / garantie Geluuidsniveau: gemeten / gegarandeerd Ljudnivá: uppmätt / garanterad Lyudtryksnivaeu: afmált / garaní Melunt tehotas: mitattu / taattu Livello rumorosità: testato / garantito Nivel sonoro: medicdo / garantido Nível de ruído: medicdo / garantido Poziom nateženia džvękiu: zmierzono / gwarantowane Zajteljesítmény szint: mért / garantált Hluková hladina výkonu: naměřeno / garantováno Výkonová hladina hluku: meraná / garantovaná Επίπεδο ισχύος ήχου: μετρήθηκαν / εγγυημένα Nivo hrupa: izmerjeno / zagotovljeno Razina zvučne snage: izmjereno / garantirano Nivel de putere acustică: măsurat / garantat Ниво на шума: измерено / гарантирано Helivoimuse tase: mõõdetud / garanteeritud Garso stiprumo lygis: išmatuotas / garantuotas Troksņu jaudas līmenis: izmēritais / garantētais</p> <p>1754 83 dB (A) / 84 dB (A) 1755 87 dB (A) / 88 dB (A) 1756 87 dB (A) / 89 dB (A)</p>
<p>Typen: Typ: Types: Types: Types : Tipi: Type: Tipovi: Typ: Tipuri: Typer: Типове: Tuypit: Túúbid: Tipi: Tipal: Tipos: Tipi: Tipos: 4000/5 eco Typy: 5000/5 eco Tipusok: 5000/5 eco inox Typy: 5000/5 eco inox</p>	<p>Art.-Nr.: Art.: Art. No.: Αριθ. ειδους: Référéncie : Art št.: Art.nr.: br. art. Art.nr.: Nr art.: Art. nr.: Арт. номер: Tuoten:o Toote nr : Art.: Gaminio nr.: Art. No: Izstr.: Art. no: 1754 Nr artykuła: 1755 Cikkszám: 1755 Číslo artiklu: 1756</p>	<p>Anbringningsjaar der CE-Kennzeichnung: Year of CE marking: Année d'apposition du marquage CE : Installatiejaar van de CE-aanduiding: Märkningsår: CE-Mærkningsår: CE-mérkin kiinnitysvoosi: Anno di applicazione della certificazione CE: Colocación del distintivo CE: Ano de marcação pela CE: Rok nadania oznakowania CE: CE-jelzés elhelyezésének éve: Rok umístění značky CE: Rok udelenia značky CE: Έτος σήματος CE: Leto namestitve CE-oznake: Anul de marcare CE: Година на поставяне на CE-маркировка: CE-márgistuse paigaldamise aasta: Metai, kuriais pažymėta CE-ženklui: CE-marķējuma uzlikšanas gads: 2013</p>
<p>EU-Richtlinien: EU directives: Directives européennes : EU-richtlijnen: EU directiv: EU Retningslinier: EY-direktiivi: Direttive UE: Normativa UE: Directrices da UE: Dyrektywy Unii Europejskiej: EU-irányelvek: Smérnice EU: EU-Predpisy: Οδηγίες της ΕΕ:</p>	<p>ES-smernice: EU smjernice: Directive UE: EC- direktivi: ELi direktiivi: ES direktivos: ES-direktivas:</p> <p>2014/35/EG 2014/30/EG 2011/65/EG 2000/14/EC 97/23/EG</p>	<p>Ulm, den 22.01.2016 Ulm, 22.01.2016 Fait à Ulm, le 22.01.2016 Ulm, 22-01-2016 Ulm, 2016.01.22. Ulm, 22.01.2016 Ulmssa, 22.01.2016 Ulm, 22.01.2016 Ulm, 22.01.2016 Ulm, 22.01.2016 Ulm, dnia 22.01.2016 Ulm, 22.01.2016 Ulm, 22.01.2016 Ulm, 22.01.2016 Ulm, dná 22.01.2016 Ulm, 22.01.2016 Ulm, 22.01.2016 Ulm, 22.01.2016 Ulm, dana 22.01.2016 Ulm, 22.01.2016 Ulm, 22.01.2016 Ulm, 22.01.2016 Ulm, 22.01.2016</p>
<p>Harmonisierte EN:</p>	<p>EN 60335-1 EN 60335-2-41 EN 13831</p>	<p>Der Bevollmächtigte Authorised representative Le mandataire De gevolmachtigde Auktoriserad representant Autoriseret repræsentant Valtuutettu edustaja Persona delegata La persona autorizada O reprezentante Pelnomocnik Meghatalmazott Zplnomocnénec Spilnomocnnyj Ο εξουσιοδοτημένος Pooblaščenec Ovlaštena osoba Conducerea tehnică Упълномощен Volitatud esindaja Igalotasis atstovas Pilnvarotā persona</p> <p> Reinhard Pompe Vice president</p>
<p>Hinterlegte Dokumentation: GARDENA- Technische Dokumentation, M. Kugler 89079 Ulm</p>	<p>Konformitätsbewertungsverfahren: Nach 2000/14/ EG Art. 14 Anhang V</p>	
<p>Deposited Documentation: GARDENA Technical Documentation, M. Kugler 89079 Ulm</p>	<p>Conformity Assessment Procedure: according to 2000/14/EC Art.14 Annex V</p>	
<p>Documentation déposée: Documentation technique GARDENA, M. Kugler 89079 Ulm</p>	<p>Procédure d'évaluation de la conformité: Selon 2000 /14 /CE art. 14 Annexe V</p>	

Pumpen-Kennlinien
Performance characteristics
Courbes de performance
Prestatiegrafieken
Kapacitetskurva
Ydelses karakteristika
Pumpun ominaiskäyrä
Pumpekarakteristikk
Curva di rendimento
Curva característica de la bomba
Características de performance

4000/5 eco



Charakterystyka pompy
Szivattyú-jelleggörbe

Charakteristika čerpadla
Charakteristiky čerpadla

Χαρηκτηριστικό διάγραμμα
Χαρηκτηριστικα насоса

Karakteristika črpalka
Obilježja pumpe

Karakteristika pumpe
Крива характеристики насоса

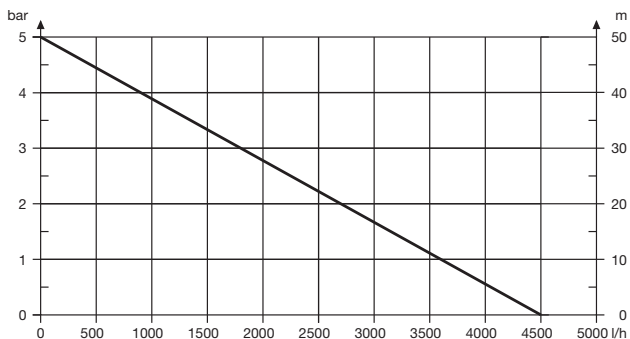
Caracteristică pompă
Pompa karakter eğrisi

Помпена характеристика
Fuqia e pompës

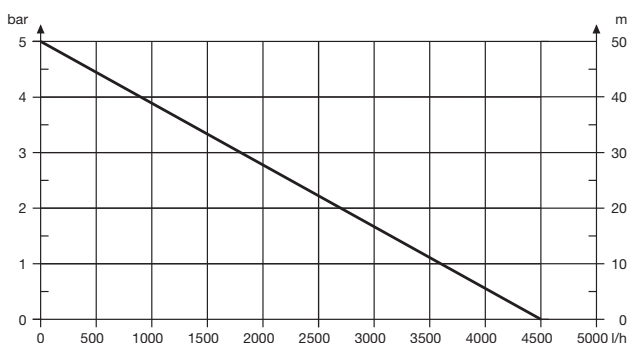
Pumba karakteristik
Siurblio charakteristinė kreivė

Sūkņa raksturlīkne

5000/5 eco



5000/5 eco inox



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