



Art. 7953

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| <b>D</b>  | <b>Gebrauchsanweisung</b><br>Licht-/Wasserspieldüse              |
| <b>GB</b> | <b>Operating Instructions</b><br>Light and Waterworks Jet        |
| <b>F</b>  | <b>Mode d'emploi</b><br>Buse pour jet d'eau avec éclairage       |
| <b>NL</b> | <b>Gebruiksaanwijzing</b><br>Licht-/waterspelsproeier            |
| <b>S</b>  | <b>Bruksanvisning</b><br>Ljus-/vattenspelmunstycke               |
| <b>I</b>  | <b>Istruzioni per l'uso</b><br>Gioco di acqua e luce             |
| <b>E</b>  | <b>Manual de instrucciones</b><br>Tobera de juegos de luz y agua |
| <b>DK</b> | <b>Brugsanvisning</b><br>Lys-/fontænedyse                        |

## GARDENA Light and Waterworks Jet

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*Welcome to GARDENA aquamation ...*



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

For safety reasons, children under 16 as well as persons not familiar with these operating instructions should not use this Light and Waterworks Jet.

Keep these operating instructions in a safe place.

## The Applications Range for your Light and Waterworks Jet

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### *Intended purpose*

The GARDENA Light and Waterworks Jet is a 12 V low-voltage system for your garden pond.

### *Attention*

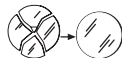


Attention! The GARDENA Light and Waterworks Jet is exclusively designed for 12 V low-voltage operation.  
Connecting to a 230 V power supply can be life-threatening!

Please adhere to the following safety instructions:



Attention! Risk of fire when dry-running. Keep distance.



Change each broken cover glass.

## ⚠ For your Safety

### Use of the transformer

The transformer must be operated over a residual-current circuit breaker (FI switch) with a nominal residual current of  $\leq 30$  mA. (DIN VDE 0100-702 and 0100-738). Please ask your electrical retailer.

### In Switzerland

In Switzerland, movable units which are used outdoors must be connected up using a residual-current circuit breaker.

### Carry out a visual inspection

Carry out a visual inspection before using in order to determine whether the Light and Waterworks Jet is damaged. A damaged Light and Waterworks Jet may not be used. In case of damage, have the nozzle checked by GARDENA Service or an authorised electrician.

### Observe the mains voltage

The information given on the type plate of the transformer must comply with the data for the mains power.

### Do not carry the lamp by its cable

Do not carry the Light and Waterworks Jet or the transformer by the cable and do not use the cable to pull the plug from plug-in connections. Protect the cable from heat, oil and sharp edges.

### Pulling the mains plug

Pull the mains plug after putting the Light and Waterworks Jet out of operation, when not in use and before carrying out any maintenance work.

### Caution! 12 V low voltage

The GARDENA Light and Waterworks Jet and plug-in connections are exclusively designed for 12 V low-voltage operation. Connecting to a 230 V power supply can be life-threatening!

### Transformers and sunshine

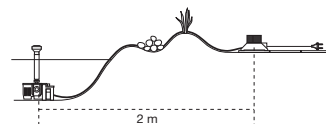
Do not expose transformers to direct irradiation from the sun.

### Supply the system only with power from a transformer

Each lightline system may only be supplied with power from a transformer for safety reasons. It is not permitted to wire up transformers in parallel!

## Putting into Operation – Installation

### Transformer required



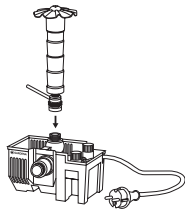
To operate your GARDENA Light and Waterworks Jet you need either:

- a GARDENA lightline transformer ST 50/1, Article No. 4271, ST 30/1, Article No. 4273 or ST 100/2, Article No. 4275 with the GARDENA Waterworks Set 1200/1800/2500, Article No. 7855/7858/7859 or
- the GARDENA Waterworks Set 1200 / 12 V, Article No. 7856. (→ The second output from the transformer can be used here for the Light and Waterworks Jet.)

## Setting up the transformer



### Installing the jet



Set up the GARDNEA lightline transformer in a dry place not endangered by flooding!

The area for the connecting cables must be dry.

1. Unscrew any pre-mounted waterworks above the socket joint from the pump.
2. Screw the Light and Waterworks Jet with the 26,5 mm (G 3/4) thread onto the pipe joint of the pump and pay attention that the cable does not get caught when doing this.
3. Place the pump in the water and adjust the Light and Waterworks Jet in a vertically upright direction (→ uniform jet of water).
4. Putting the pump into operation.  
(Read the operating instructions for your pump for this!)
5. Then insert the plug for the Light and Waterworks Jet in a socket of the GARDENA transformer and the mains plug of the transformer in a 230 V a.c. outlet socket.

Note: You can extend your GARDENA Light and Waterworks Jet with the GARDENA telescopic pipe, Article No. 7884.

- The light may only be on when there is water flowing!  
(The flow of water prevents elevated temperatures.)
- The 4 venting holes in the cap must not be obstructed!
- First turn the jet off before turning the pump off.

The jet of water from the nozzle can be adjusted by the regulating the pump.

### Attention!



### Adjusting the jet of water

## Notes on Care

### Checking the plug-in connections

### Contamination of the protective glass



### Replacing the lamp



- Check the plug-in connections of transformer output/ light cable at regular intervals of time for contamination and clean when necessary.

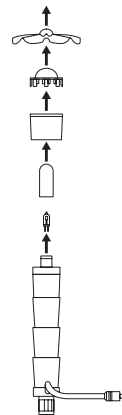
→ Important: Clean the protective glass at regular intervals! Contamination by algae or calcification can lead to overheating and hence to the lamp flickering.

- Water can condense and collect in the protective glass from long periods of operation. Remove the protective glass. Clean the lamp as well. (→ Refer to "Replacing the lamp" for disassembly).

Do not use any corrosive or abrasive cleaning agents.

Only 12 V halogen lamps with max. 20 W (and G4 socket) may be used!

1. Disconnect the jet from the mains supply!
2. Pull the shield and the cap upwards and then withdraw the upper case.
3. Remove the protective glass by withdrawing upwards.
4. Hold the halogen lamp firmly by its socket and replace.  
Note: Do not touch the glass body of the halogen lamp with your fingers as this can shorten the service life considerably.
5. Mount the parts in the reverse order of disassembly.



Notes:

- Clean and dry the threaded socket and the seal before mounting again.
- The protective glass must be pressed over the seal as far as this will go.
- Pay attention to proper seating when replacing the cap so that a perfect jet of water is given.

Spare parts are available as required from the GARDENA customer service.

## Storage

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### Storage location

- Carefully clean and check the Light and Waterworks Jet.
- Store the Light and Waterworks Jet away from any danger of frost.



The storage location must not be accessible to children.

## Trouble-Shooting or Defects

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If you have any problems with your Light and Waterworks Jet please contact our Service or return the defective unit together with a short description of the problem – in case of guarantee, with the warranty card duly completed and signed – postage paid 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.

## Technical Data

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	<b>Light and Waterworks Jet</b>
Article No.	7953
Rated power	20 W halogen lamp
Connected load	12 V~
Connecting thread	26,5 mm (G 3/4)

## Guarantee

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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 require-

ments of the operating instructions. Neither the purchaser nor a non-authorized third party have attempted to repair the unit.

The bulb is a wearing part and is not covered by the guarantee.

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

In the event of a fault, please send the defective unit together with the receipt and a description of the fault, postage paid, to one of the GARDENA Service Centres on the back of this page.

We will return your Light and Waterworks Jet free of charge once it has been repaired.

<b>Garantiekarte</b>	Licht-/Wasserspieldüse
<b>Warranty Card</b>	Light and Waterworks Jet
<b>Bon de garantie</b>	Buse pour jet d'eau avec éclairage
<b>Garantiekkaart</b>	Licht-/waterspelsproeier
<b>Garantikort</b>	Ijus-/vattenspelmunstycke
<b>Certificato di garanzia</b>	Gioco di acqua e luce
<b>Tarjeta de garantía</b>	Tobera de juegos de luz y agua
<b>Garantibevis</b>	Lys-/fontænedyse

Wurde gekauft am:  
 Was purchased on:  
 Achetée le (date et lieu d'achat) :  
 Werd gekocht op:  
 Försäljningsdatum:  
 Data di acquisto:  
 Se vendió el:  
 Købt den:

Händlerstempel  
 Dealer's stamp/Receipt  
 Cachet du revendeur  
 Stempel van de detaillist  
 Återförsäljarens stämpel  
 Timbro del rivenditore  
 Sello del comerciante  
 Forhandlerens stempel



Beanstandung:  
Reasons for complaint:  
Défaut constaté :  
Klacht:  
Reklamation:  
Difetto riscontrato:  
Reclamación:  
Reklamation:





**Deutschland**

GARDENA  
Kress + Kastner GmbH  
GARDENA Service  
Hans-Lorenser-Straße 40  
D-89079 Ulm  
Produktfragen: (07 31) 4 90-1 23  
Reparaturen: (07 31) 4 90-2 90

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(1618) El Talar – Buenos Aires

**Australia**

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Mentone, Victoria 3194

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2100 Korneuburg

**Belgium**

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Sterrebeekstraat 163  
1930 Zaventem

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

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Gilberto Fuenzalida 185 Loc.  
Las Condes – Santiago

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Compania Exim  
Euroiberoamericana S. A.  
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South Auckland Mail Centre  
10 Offenhauser Drive  
East Tamaki, Manukau

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GARDENA Norge A/S  
Postboks 214  
2013 Skjetten

**Polen**

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

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2725-596 Mem Martins

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Long Mile Road  
Dublin 12

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1236 Trzin

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Yeşilbağlar Mah. Başkent  
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Pendik – Istanbul/Turkey

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Winchester, VA 22604

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7953-20.960.03/0011  
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<http://www.gardena.com>