

GB Operating Instructions
Water Timer electronic

F Mode d'emploi
Programmateur électronique

T 1030 D Art. 1832-25

GARDENA Water Timer electronic T 1030 D

Welcome to the Garden of GARDENA...



Translation of the original instructions from German. Please read these operating instructions carefully and observe the notes given. Use these instructions to familiarise yourself with the Water Timer electronic and its proper use as well as the notes on safety.



For safety reasons, children and young people under 16 as well as anyone who is not familiar with these operating instructions may not use the Water Timer.

→ Please keep these operating instructions in a safe place.

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1. Where to Use Your GARDENA Water Timer

Intended use

The GARDENA Water Timer is intended for private use in domestic and hobby gardens, exclusively for outdoor use, to control sprinklers and watering systems.

Please note



The GARDENA Water Timer must not be used for industrial purposes or in conjunction with chemicals, foodstuffs, easily flammable and explosive materials.

2. Safety Instructions

Use:

Warning!

→ **Only use the Water Timer outdoors.**

The water timer is not approved for indoor use.

The minimum operating pressure is 1 bar, the maximum operating pressure is 12 bar. The minimum flow rate is 20 l/h.

→ Check the filter in the sleeve nut regularly and clean if necessary.

→ Do not pull the hose connected to the Water Timer and avoid tensile strain.

Battery:

For functional safety reasons, only use a 9 V alkali-manganese (alkaline) battery type IEC 6LR61.

The Water Timer will only run for approx. 1 year if the new alkaline battery has a nominal voltage of at least 9 V.

→ Check the battery before you buy it.

Putting your Water Timer into operation:

To prevent water entering the battery compartment, the Water Timer must only be mounted in a perpendicular position with the sleeve nut pointing upwards.

After you have selected the watering program, the Water Timer opens at the selected starting time. To avoid getting wet when operating the Water Timer, connect the hose or turn off the tap before selecting the program. Alternatively, the control unit can be removed for programming.

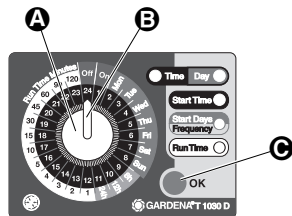
Water flow:

The max. temperature for the water is 40 °C.

→ Only use clear fresh water.

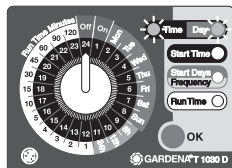
3. Function

Control knob and OK button:



- A** Control knob
- B** Control knob pointer
- C** OK button

Battery status display:



The GARDENA Water Timer electronic allows you to set different watering cycles for different watering times independent of whether you are using a sprinkler, a sprinkler system installation or drip-head watering system to irrigate your garden.

Your Water Timer electronic will water your garden completely automatically according to the program you choose. You can set the timer to water your garden early in the morning or late at night when water evaporates the least, or while you are away on holiday.

You simply program the time (to the nearest hour), day, watering starting time / cycle / days and duration by turning the pointer **B** of the control knob **A** to the correct time and pressing the **OK button C**.

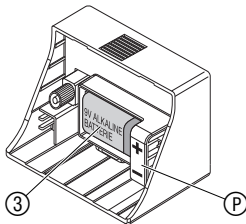
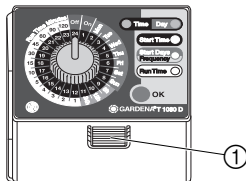
The Water Timer opens at the starting time you have selected.

The 2 LEDs **Time** and **Day** flash to indicate that the battery is flat.
 → Replace the battery (see 4. Operation “Inserting the Battery”).
 The functional safety of the water timer depends on the capability of the battery.

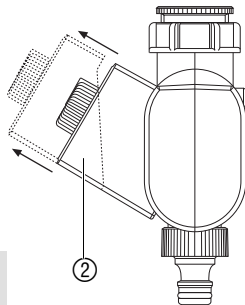
If you change the battery the program is not saved. You must reprogram the Water Timer (see 5. Operation).

4. Putting Your Water Timer into Operation

Inserting the battery:



1. Press the release button ① and remove the control unit ② from the housing of the Water Timer.
2. Insert the battery ③ in the battery compartment. Pay attention to the polarity P (+/- markings).
The Time LED flashes.
3. Re-attach the control unit ② to the housing.

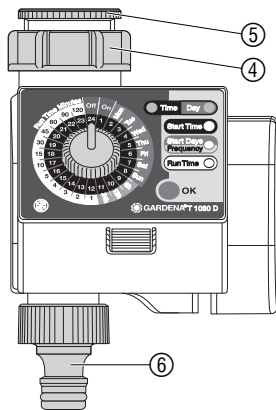


Make sure you exchange the battery at the right time to prevent the Water Timer failing due to a low battery when you are away for longer periods of time.

Make sure that the time the battery has been in operation and the time you are planning to be away does not add up to more than a year.

Even if the battery is almost empty, the Water Timer ensures that an open valve is always closed since less energy is required to close the valve than to open it.

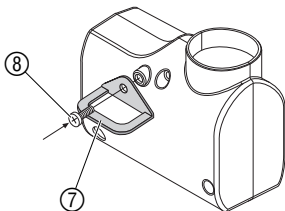
Connecting your Water Timer:



The Water Timer is fitted with a sleeve nut ④ for taps with G 1" (33.3 mm) thread. The adaptor supplied ⑤ allows the Water Timer to be connected to taps with a G 3/4" (26.5 mm) thread.

1. **For tap with a G 3/4" (26.5 mm) thread:**
Screw adaptor ⑤ on to the tap manually (do not use pliers).
2. Screw sleeve nut ④ of the Water Timer on to the adaptor thread by hand (do not use pliers).
3. Screw tap connector ⑥ on to the Water Timer.
4. Open the tap.

Installing the anti-theft protection (optional):

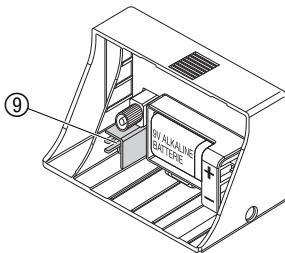


To protect your Water Timer against theft, the **GARDENA Anti-Theft Protection Art. No. 1815-00.791.00** is available from the GARDENA Service.

1. Fasten the bracket (7) to the back of the Water Timer using the screw (8).
2. The bracket can be used to attach a chain, for example.

The screw cannot be loosened once it has been screwed in.

Connect soil moisture or rain sensor (optional):



In addition to time-based watering, it is also possible to include the soil moisture or rain sensor in the watering program.

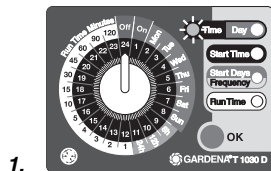
If the soil is moist enough, the program will be stopped, or the program will be prevented from starting. Manual operation via **On/Off** is unaffected by this.

1. a) Place soil moisture sensor in the watered area
b) place rain sensor (with extension cable if necessary) outside the watered area.
2. Insert the sensor in the sensor connection (9) of the Water Timer.

5. Operation

Setting the watering program :

The Water Timer control unit ② can be removed. This allows you to set the watering program somewhere other than where the Water Timer is to be used.

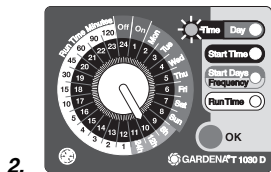


Notes to program the water timer :

- The current time is entered to the nearest hour. We recommend that you select the time to the full hour.
- Confirm the selected point of the program within 120 seconds by pressing the **OK button**, otherwise the program has not been stored.

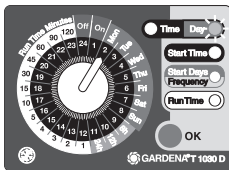
1. Turn the control knob to **Off** and confirm by pressing the **OK button**. *The program stored in the memory is overwritten. The Time LED flashes.*

Setting the current time :



2. Set the current time on the **inner black scale** by turning the control knob and confirm the time you have selected by pressing the **OK button** (e.g.: **10:00 am**). *The Time LED lights up for half a second and the current time is entered to the nearest hour. The Day LED flashes.*

3.



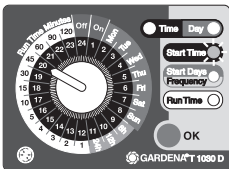
Setting the current day :

- Set the current day on the **outer grey scale** by turning the control knob and confirm the day you have selected by pressing the **OK button** (e.g.: **Mon Monday**).

*The **Day LED** lights up for half a second and the current day has been stored.*

*The **Start Time LED** flashes.*

4.



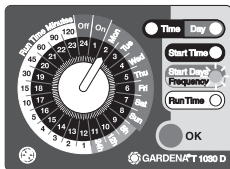
Setting the watering starting time :

- Set the watering starting time on the **inner black scale** by turning the control knob and confirm the time you have selected by pressing the **OK button** (e.g.: **20:00**).

*The **Start Time LED** lights up for half a second and the watering starting time has been stored.*

*The **Start Days LED** flashes.*

5.



Setting the watering days:

If you would like to water your garden every day, skip this point and continue with “Setting the Watering Cycle”.

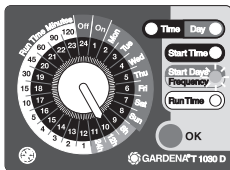
5. Set the watering day on the **outer grey scale** using the control knob and confirm your selection by pressing the **OK button** (e.g.: **Mon Monday**).

*The **Start Days LED** lights up for half a second and the watering day has been stored.*

Repeat the process for all desired days.

*The **Frequency LED** flashes.*

6.



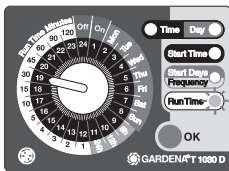
Setting the watering cycle:

6. Set the watering cycle on the **outer blue scale** using the control knob and confirm your selection by pressing the **OK button** (e.g.: **12 hour cycle**).

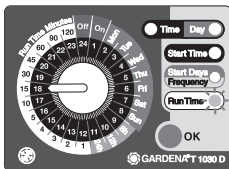
*The **Frequency LED** lights up for half a second and the watering cycle has been stored.*

*The **Run Time LED** flashes.*

7.



Changing the watering time:



Setting the watering time:

7. Set the watering time on the **outer white scale** (Run Time Minutes) using the control knob and confirm your selection by pressing the **OK button** (e.g.: **30 minutes**).

The Run Time LED lights up for half a second and the watering time has been stored.

The program you have selected is now active.

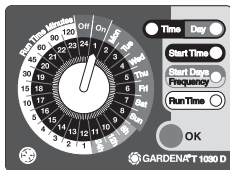
On hot or cooler days you can change the watering time.
The program you have set remains unchanged.

1. Select the new watering time on the **outer white scale** (Run Time Minutes) by turning the control knob and confirm your selection by pressing the **OK button** (e.g.: **15 minutes**).

The Run Time LED flashes for a half second and the watering time is changed.

The program with the new watering time is now active.

Manual watering (On):



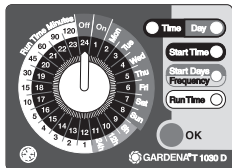
On especially hot days the programmed watering cycle is sometimes insufficient. You can then turn on your irrigation system manually. **The program you have set remains unchanged.**

→ Turn the control knob to **On**.

The valve opens for 30 minutes independent of the set program.

To activate the set program again, you must reset the watering time to the time originally set.

Bad-weather function (Off):



On rainy days the programmed watering cycle is often unnecessary. You can therefore stop the programmed watering cycle (bad-weather function). **The program you have set remains unchanged.**

→ Turn the control knob to **Off**.

The valve closes and remains closed, independent of the watering cycle you have set.

To activate the set program again, you must reset the watering time to the time originally set.

In order to save water we recommend installing the GARDENA Soil Moisture Sensor or Rain Sensor electronic.

6. Putting Your Water Timer Out of Operation

Storage/Wintering:

→ Store your Water Timer in a dry place away from frost before the first frost sets in.

Disposing of flat batteries:

→ Please return flat batteries to a GARDENA dealer or dispose of them properly at your nearest recycling centre.

Only dispose of batteries when they are flat.

Disposal:

*(in accordance with
RL2002/96/EC)*



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.

7. Trouble-Shooting

Fault	Possible cause	Remedy
Not able to open the Water Timer manually using On/Off.	Battery capacity too low (2 LEDs flash).	→ Insert a new alkaline battery.
	Tap turned off.	→ Turn on tap.
Watering not initiated.	Control knob turned to Frequency or On/Off.	→ Turn the control knob to "Run Time Minutes".
	Battery capacity too low (2 LEDs flash).	→ Insert a new alkaline battery.
	Data input/changes made while the program was starting or immediately before.	→ Input data or make changes before or after the starting times you have chosen.
	Tap turned off.	→ Turn on tap.
Battery flat after working for a short time.	The battery you inserted is not an alkaline battery.	→ Use an alkaline battery.



In the event of other faults please contact GARDENA Service.

Repairs should only be carried out by GARDENA service centres or dealers authorised by GARDENA.

8. Available accessories

GARDENA Soil Moisture Sensor	Art. No. 1188
GARDENA Rain Sensor electronic	Art. No. 1189
GARDENA Anti-theft device	Art. No. 1815-00.791.00 From GARDENA Service

9. Technical Data

Min./max. operating pressure:	1 bar / 12 bar
Minimum flow rate:	20 l/h
Flow medium:	clean fresh water
Max. water temperature:	40 °C
Number of program-controlled watering cycles per day:	every 8, 12, 24 hours
Watering cycles per week:	each day can be selected / not selected
Watering time per program:	1, 2, 3, 4, 5, 10, 15, 30, 45, 60, 90 or 120 minutes
Battery:	1 x 9 V alkali-manganese (alkaline) type IEC 6LR61
Running time:	Approx. 1 year

10. Service / Warranty

GARDENA guarantees this product 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.
- Faults which occur as a result of incorrectly installed or leaking batteries are not covered by the guarantee.
- Damage caused by frost 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 Water Timer, 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.

Deutschland / Germany

GARDENA GmbH
Central Service
Hans-Lorenser-Straße 40
D-89079 Ulm
Produktfragen:
(+49) 731 490-123
Reparaturen:
(+49) 731 490-290
service@gardena.com

Albania

COBALT Sh.p.k.
Rr. Siri Kodra
1000 Tirana

Argentina

Husqvarna Argentina S.A.
Av.del Libertador 5954 -
Piso 11 - Torre B
(C1428ARP) Buenos Aires
Phone: (+54) 11 5194 5000
info.gardena@
ar.husqvarna.com

Armenia

Garden Land Ltd.
61 Tigran Mets
0005 Yerevan

Australia

Husqvarna Australia Pty. Ltd.
Locked Bag 5
Central Coast BC
NSW 2252
Phone: (+61) (0) 2 4352 7400
customer.service@
husqvarna.com.au

Austria / Österreich

Husqvarna Austria GmbH
Consumer Products
Industriezeile 36
4010 Linz
Tel.: (+43) 732 77 01 01 -90
consumer.service@husqvarna.at

Azerbaijan

Firm Progress
a. Aliyev Str. 26A
1052 Baku

Belgium

GARDENA Belgium NV/SA
Sterrebeekstraat 163
1930 Zaventem
Phone: (+32) 2 720 92 12
Mail: info@gardena.be

Bosnia / Hercegovina

SILK TRADE d.o.o.
Industrijska zona Bukva bb
74260 Tešanj

Brazil

Husqvarna do Brasil Ltda
Av. Francisco Matarazzo,
1400 – 19º andar
São Paulo - SP
CEP: 05001-903
Tel: 0800-112252
marketing.br.husqvarna@
husqvarna.com.br

Bulgaria

Хускварна България ЕООД
Бул. „Андрей Ляпчев“ № 72
1799 София
Тел.: (+359) 02/975 30 76
www.husqvarna.bg

Canada / USA

GARDENA Canada Ltd.
100 Summerlea Road
Brampton, Ontario L6T 4X3
Phone: (+1) 905 792 93 30
info@gardenacanada.com

Chile

Maquinarias Agroforestales
Ltda. (Maga Ltda.)
Santiago, Chile
Avda. Chesterton
8355 comuna Las Condes
Phone: (+56) 2 202 4417
Dalton@maga.cl
Zipcode: 7560330

Temuco, Chile
Avda. Valparaiso # 01466
Phone: (+56) 45 222 126
Zipcode: 4780441

China

Husqvarna (China) Machinery
Manufacturing Co., Ltd.
No. 1355, Jia Xin Rd.,
Ma Lu Zhen, Jia Ding Dist.,
Shanghai
201801
Phone: (+86) 21 59159629
Domestic Sales
www.gardena.com.cn

Colombia

Husqvarna Colombia S.A.
Calle 18 No. 68 D-31, zona
Industrial de Montevideo
Bogotá, Cundinamarca
Tel. 571 2922700 ext. 105
jairo.salazar@
husqvarna.com.co

Costa Rica

Compania Exim
Euroiberoamericana S.A.
Los Colegios, Moravia,
200 metros al Sur del Colegio
Saint Francis - San José
Phone: (+506) 297 68 83
exim_euro@racsa.co.cr

Croatia

SILK ADRIA d.o.o.
Josipa Lončara 3
10090 Zagreb
Phone: (+385) 1 3794 580
silk.adria@zg.t-com.hr

Cyprus

Med Marketing
17 Digeni Akrita Ave
P.O. Box 27017
1641 Nicosia

Czech Republic

Husqvarna Cesko s.r.o.
Türkova 2319/5b
149 00 Praha 4 – Chodov
Bezplatná infolinka:
800 100 425
servis@cz.husqvarna.com

Denmark

GARDENA / Husqvarna
Consumer Outdoor Products
Salgsafdeling Danmark
Box 9003
S-200 39 Malmö
info@gardena.dk

Dominican Republic

BOSQUESA, S.R.L
Carretera Santiago Licey
Km. 5 ½
Esquina Copal II.
Santiago, Dominican Republic
Phone: (+809) 736-0333
joserbosquesa@claro.net.do

Ecuador

Husqvarna Ecuador S.A.
Arupos E1-181 y 10 de Agosto
Quito, Pichincha
Tel. (+593) 22800739
francisco.jacome@
husqvarna.com.ec

Estonia

Husqvarna Eesti OÜ
Consumer Outdoor Products
Kesk tee 10, Aaviku küla
Rae vald
Harju maakond
75305 Estonia
kontakt.etj@husqvarna.ee

Finland

Oy Husqvarna Ab
Consumer Outdoor Products
Lautatarhankatu 8 B/ PL 3
00581 HELSINKI
info@gardena.fi

France

GARDENA France
Immeuble Exposial
9-11 allée des Pierres Mayettes
ZAC des Barbannières, B.P. 99
-F- 92232 GENNEVILLIERS
cedex
Tél. (+33) 01 40 85 30 40
service.consommateurs@
gardena.fr

Georgia

ALD Group
Beliasvili 8
1159 Tbilisi

Great Britain

Husqvarna UK Ltd
Preston Road
Aycliffe Industrial Park
Newton Aycliffe
County Durham
DL5 6UP
info.gardena@
husqvarna.co.uk

Greece

ΕΛΛΑΣ Α.Ε.Β.Ε.
Υπ/μα Ηφείστου 33Α
Βλ. Πλ. Κορωπίου
194 00 Κορωπί Αττικής
V.A.T. EL094094640
Phone: (+30) 210 66 20 225
info@husqvarna-consumer.gr

Hungary

Husqvarna Magyarorszag Kft.
Ezred u. 1-3
1044 Budapest
Telefon: (+36) 1 251-4161
vevoszolgalat.husqvarna@
husqvarna.hu

Iceland

Ó. Johnson & Kaaber
Tunguhalsi 1
110 Reykjavik
ooj@ojk.is

Ireland

Husqvarna UK Ltd
Preston Road
Aycliffe Industrial Park
Newton Aycliffe
County Durham
DL5 6UP
info.gardena@
husqvarna.co.uk

Italy

Husqvarna Italia S.p.A.
Via Como 72
23868 VALMADRERA (LC)
Phone: (+39) 0341.203.111
info@gardenaitalia.it

Japan

KAKUICHI Co. Ltd.
Sumitomo Realty &
Development Kojimachi
BLDG., 8F
5-1 Nibanncyo
Chiyoda-ku
Tokyo 102-0084
Phone: (+81) 33 264 4721
m_ishihara@kaku-ichi.co.jp

Kazakhstan

LAMED Ltd.
155/1, Tazhibayevoi Str.
050060 Almaty
IP Schmidt
Abayavenue 3B
110 005 Kostanay

Kyrgyzstan

Alye Maki
av. Moladaya Guardir J 3
720014 Bishkek

Latvia

Husqvarna Latvija
Consumer Outdoor Products
Bakūžu iela 6
LV-1024 Rīga
info@husqvarna.lv

Lithuania

UAB Husqvarna Lietuva
Consumer Outdoor Products
Ateities pl. 77C
LT-52104 Kaunas
centras@husqvarna.lt

Luxembourg

Magasins Jules Neuberg
39, rue Jacques Stas
Luxembourg-Gasperich 2549
Case Postale No. 12
Luxembourg 2010
Phone: (+352) 40 14 01
api@neuberg.lu

Mexico

AFOSA
Av. Lopez Mateos Sur # 5019
Col. La Calma 45070
Zapopan, Jalisco
Mexico
Phone: (+52) 33 3818-3434
icomejo@afosa.com.mx

Moldova

Convel S.R.L.
290A Muncesti Str.
2002 Chisinau

Netherlands

GARDENA Nederland B.V.
Postbus 50176
1305 AD ALMERE
Phone: (+31) 36 521 00 00
info@gardena.nl

Neth. Antilles

Jonka Enterprises N.V.
Sta. Rosa Weg 196
P.O. Box 8200
Curaçao
Phone: (+599) 9 767 66 55
pgm@jonka.com

New Zealand

Husqvarna New Zealand Ltd.
PO Box 76-437
Manukau City 2241
Phone: (+64) (0) 9 9202410
support.nz@husqvarna.co.nz

Norway

GARDENA
Husqvarna Consumer
Outdoor Products
Salgskontor Norge
Klevertveien 6
1540 Vestby
info@gardena.no

Peru

Husqvarna Perú S.A.
Jr. Ramón Cárcamo 710
Lima 1
Tel: (+51) 1 3320400
ext. 416
juan.remuzgo@husqvarna.com

Poland

Husqvarna
Poland Spółka z o.o.
ul. Wysockiego 15 b
03-371 Warszawa
Phone: (+48) 22 330 96 00
gardena@husqvarna.com.pl

Portugal

Husqvarna Portugal, SA
Lagoa - Albarraque
2635 - 595 Rio de Moura
Tel.: (+351) 21 922 85 30
Fax : (+351) 21 922 85 36
info@gardena.pt

Romania

Madex International Srl
Soseaua Odaii 117- 123,
RO 013603
Bucuresti, S 1
Phone: (+40) 21 352.76.03
madex@ines.ro

Russia

ООО „Хускварна“
141400, Московская обл.,
г. Химки,
улица Ленинградская,
владение 39, стр.6
Бизнес Центр
„Химки Бизнес Парк“,
помещение ОВ02_04

Serbia

Domel d.o.o.
Autoput za Novi Sad bb
11273 Belgrade
Phone: (+381) 1 18 48 88 12
miroslav.jejina@domel.rs

Singapore

Hy-Ray PRIVATE LIMITED
40 Jalan Pemimpin
#02-08 Tat Ann Building
Singapore 577185
Phone: (+65) 6253 2277
shiyang@hyray.com.sg

Slovak Republic

Husqvarna Česko s.r.o.
Türkova 2319/5b
149 00 Praha 4 – Chodov
Bezplatná infolinka:
800 154 044
servis@sk.husqvarna.com

Slovenia

Husqvarna Austria GmbH
Consumer Products
Industriezeile 36
4010 Linz
Tel.: (+43) 732 77 01 01-90
consumer.service@
husqvarna.at

South Africa

Husqvarna
South Africa (Pty) Ltd
Postnet Suite 250
Private Bag X6,
Cascades, 3202
South Africa
Phone: (+27) 33 846 9700
info@gardena.co.za

Spain

Husqvarna España S.A.
C/ Basauri, nº 6
La Florida
28023 Madrid
Phone: (+34) 91 708 05 00
atencioncliente@gardena.es

Suriname

Agrofix n.v.
Verlengde Hogestraat # 22
Phone: (+597) 472426
agrofix@sr.net
Pobox : 2006
Paramaribo
Suriname-South America

Sweden

Husqvarna AB
S-561 82 Huskvarna
info@gardena.se

Switzerland / Schweiz

Husqvarna Schweiz AG
Consumer Products
Industriestrasse 10
5506 Mägenwil
Phone: (+41) (0) 848 800 464
info@gardena.ch

Turkey

GARDENA Dost Diş Ticaret
Mümesillik A.Ş.
Sanayi Çad. Adil Sokak
No: 1/B Kartal
34873 Istanbul
Phone: (+90) 216 38 93 939
info@gardena-dost.com.tr

Ukraine / Україна

ТОВ «Хусварна Україна»
вул. Васильківська, 34,
офіс 204-г
03022, Київ
Тел. (+38) 044 498 39 02
info@gardena.ua

Uruguay

FELI SA
Entre Rios 1083 CP 11800
Montevideo - Uruguay
Tel: (+598) 22 03 18 44
info@felisa.com.uy

Venezuela

Corporación Casa y Jardín C.A.
Av. Caroní, Edif. Trezmen, PB.
Colinas de Bello Monte.
1050 Caracas.
Tel: (+58) 212 992 33 22
info@casayjardin.net.ve

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Manufacturing GmbH
D-89070 Ulm
http://www.gardena.com