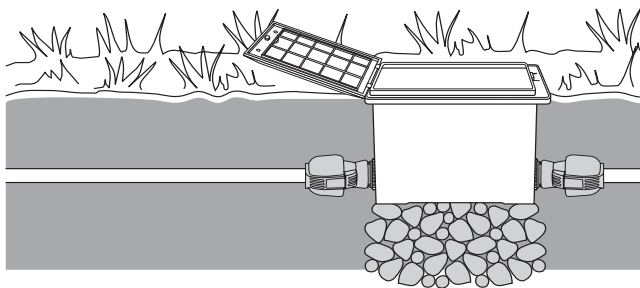
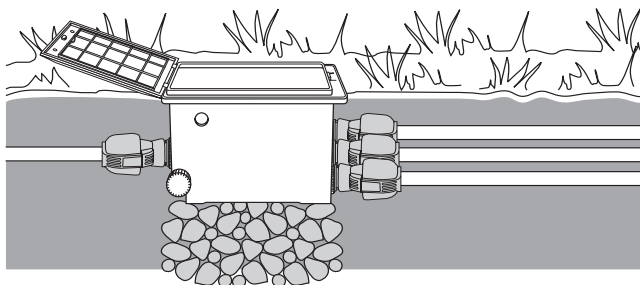


V1 Art.1254



V3 Art.1255

**D Betriebsanleitung**

Ventilbox

GB Operating Instructions

Valve Box

F Mode d'emploi

Bloc-vanne

NL Instructies voor gebruik

Ventielbox

S Bruksanvisning

Ventildosa

I Istruzioni per l'uso

Pozzetto per valvole

E Manual de instrucciones

Caja de válvulas

P Instruções de utilização

Boxe de válvulas

DK Brugsanvisning

Ventilboksen

GARDENA Valve Box V1 / V3

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 operating instructions to familiarise yourself with the Valve Box, its proper use and the notes on safety.



For safety reasons, children and young people under 16 years of age as well as people who are not familiar with these operating instructions should not use this Valve Box. Persons with reduced physical or mental abilities may use the product only if they are supervised or instructed by a responsible person.

→ Please keep these operating instructions in a safe place.

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1. Where to Use Your GARDENA Valve Box

Intended use

The Valve Boxes are intended for installing GARDENA Watering Valves underground.

Control Technology of Watering Valves

The watering system can be controlled in the following ways:

Watering Valve Art. 1251 (9 V):

- Direct valve programming with the **Programming Unit Art. 1242** is ideal for decentralised valve installation with **Controller Art. 1250**.

Watering Valve Art. 1278 (24 V)*:

- Up to 12 Watering Valves can be controlled via cables using the **Watering Controller 4040 Art. 1276 / Expansion Module 2040 Art. 1277** and the **Connection Cable Art. 1280**.

* Only available on selected markets.

You must read and comply with the Operating Instructions provided by GARDENA to ensure that you use the Valve Box properly.

2. Safety Precautions

Winter Storage



→ Read the notes on safety in the Valve Box

→ Before the frost period starts: see point 5. Putting out of operation "Winter storage".

→ Please observe the notes on safety in the operating instructions.

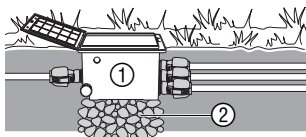
3. Assembly

Installing a Central Filter:



We recommend installing the GARDENA Central Filter Art. 1506/1510 upstream of the watering system to protect the components of the watering system from dirt and contamination. If you are using dirty water, a filter must be installed upstream of the watering system.

Install the Valve Box:

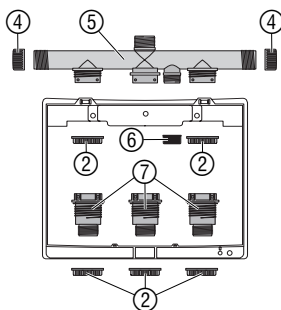


→ Grease all O-rings and metal securing clips before assembly! Push an O-ring over each end of the telescopic pipe ⑧ / ⑫.

1. Install the Valve Box ① on a bed of coarse gravel ② approx. 20 cm x 30 cm x 10 cm (V1) / 30 cm x 35 cm x 10 cm (V3). *This ensures proper drainage of the box.*
2. Install the valve box with the top edge of the box at ground level. *This avoids damage when mowing the lawn.*

When installing the Valve Box, the lid must be closed. The adjacent earth may only be carefully compacted to prevent the walls getting pressed in and the lid from then no longer closing completely. If necessary, support walls from inside with spacers when compacting earth.

Connect GARDENA connecting pipes to valve box:



Only for Valve Box V3:

The distributor ⑤ has 3 inputs. The Valve Box can therefore be connected to the watering system in various ways.

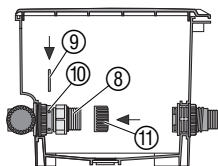
1. Screw cover caps ④ onto the unused inputs.
2. Insert the distributor ⑤ into the Valve Box from the outside and secure to the Valve Box from the inside using the two nuts ②
3. Screw the drain cap ⑥ onto the distributor ⑤.

For Valve Box V1 and V3:

1. Push the connections ⑦ into the Valve Box from the inside and secure to the Valve Box from the outside using the two nuts ②.

The **GARDENA Connecting Pipes** 25 mm Art. 2700 / 2701 and 32 mm Art. 2704 / 2705 can be connected using the **GARDENA Connectors** 25 mm Art. 2762 and 32 mm Art. 2768.

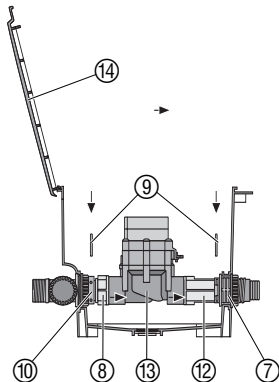
V3: Close open distributor output:



If you are only installing 2 valves in a Valve Box V3, the open distributor output must be sealed with an end cap.

1. Push the short telescopic pipe ⑧ into the open distributor output.
2. Insert the securing clip ⑨ into the holes of the distributor output ⑩. *The flushing pipe ⑧ is fixed in place.*
3. Screw the cover cap ⑪ onto the short telescopic pipe ⑧.

**Assemble the Irrigation Valve
9 V / 24 V (Art. 1251 / 1278):**



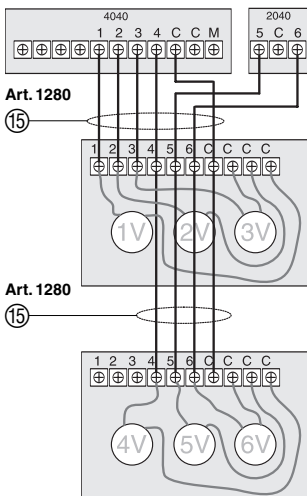
Attention! Flow direction!

→ Pay attention to the flow direction (arrows) when assembling the Irrigation Valve ⑬.

1. Push the long telescopic pipe ⑫ all the way into the nipple on the outlet-side ⑦.
2. Screw the short telescopic pipe ⑧ into the inlet side of the Irrigation Valve ⑬. The arrows on the Irrigation Valve point in the flow direction.
3. Push the Watering Valve with the short telescopic pipe ⑧ into the distributor output ⑩.
4. Screw the long telescopic pipe ⑫ into the outlet-side of the Irrigation Valve ⑬.
5. Insert the securing clip ⑨ into the holes of the distributor outputs ⑩ and the connections ⑦.
The telescopic pipes ⑧ / ⑫ are fixed in place.

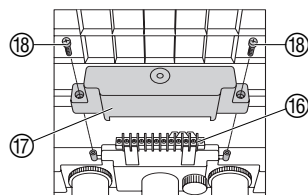
When you open the box lid ⑭ you can see the flow direction marked by the arrows on the Irrigation Valve ⑬.

Connecting Watering Valves 24 V (Art. 1278):

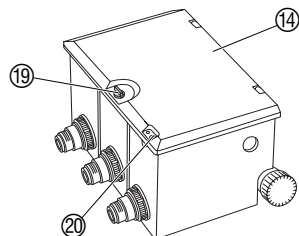


You can connect up to 12 Watering Valves Art. 1278 (24 V) to the Watering Controller 4040 Art. 1276 using the Connection Cable Art. 1280 in combination with the expansion module 2040 Art. 1277.

1. Guide the connection cable ⑮ into the side of the Valve Box V3 and attach to the terminal strip ⑯ according to the outputs of the watering controller (refer to colour of cable).
2. Screw one cable from each valve into the connections C.
3. Screw the other cable from each valve into the connections 1–6 according to the routing of the cables.
4. If you are using 2 Valve Boxes of model V3, connect the second Valve Box V3 to the first Valve Box V3 using the connection cable.
5. Push the protective cap ⑰ over the terminal strip ⑯ and tighten both screws ⑱.



Locking the box lid:



→ Lock the box lid ⑭ by turning the closing lever ⑲ 90°. The lid is then protected when the lawn is mowed.

The box lid ⑭ can be locked to protect it against theft.

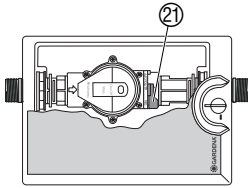
→ Overlap the holes ⑳ in the Valve Box and box lid and lock using a small padlock or locking chain.

– or –

Alternatively, you can protect the lid ⑭ against theft using a metal screw (4.2 x 19 mm).

4. Operation

Adjusting valve control:



Fully Automatic Control:

→ Set selection lever ⑳ to “**AUTO/OFF**”.
Program-controlled water flow to watering system according to programming (using Controller / Radio Receiver or Watering Controller).

An automatically opened valve cannot be closed manually.

Manual Control:

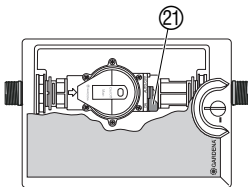
→ Set selection lever ⑳ to “**ON**”. *Permanent water flow, independent of the programming.*

5. Putting out of operation

Winter storage:



The following precautions must be taken – especially before the frost period starts – to prevent damage to the Irrigation Valves and the entire watering system:



1. Close the water tap and disconnect the hose from the **GARDENA Water Connection Point Art. No. 1594 / 2795**
This allows air to flow freely.
2. If the watering system is directly connected to the water tap, turn off the water supply and open the venting tap.
3. Set the selection lever ⑳ of all valves to the “**ON**” position.

4. Draining the Irrigation Valve / Valve Box.

There are various ways to drain the system:

- Drain the system by blowing out the water with compressed air.
- Remove all the valves and store in a place protected from frost.
- With Valve Box V3, open the draining cap ⑥ and empty the supply line. You can leave the Watering Valves in the Valve Box provided that the lines leading from the Valve Box V3 are drained via a draining valve (e.g. in the GARDENA Pop-up Sprinklers) that is installed lower than the Watering Valve.

5. Remove the battery from the Control Unit / Radio Receiver.
6. Lock the box lid (see 3. **Assembly “Lock the box lid”**).

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.

6. Trouble-Shooting

Fault	Possible Cause	Remedy
Watering Valve does not open, no water flow	Watering Controller / Controller not connected correctly to Watering Valve.	→ Connect Watering Controller / Controller / correctly to Watering Valve.
	No water supply.	→ Turn on water supply.
Watering Valve does not close, constant flow of water	Watering Valve installed in opposite direction to flow direction.	→ Turn Watering Valve in the box (observe the direction of the water flow).
	Selector lever ② set to "ON" position.	→ Set selector lever ② to "AUTO/OFF".

If other faults occur, please contact GARDENA Customer Service.

7. Accessories

Control	GARDENA Soil Moisture Sensor	Art. No. 1188
	GARDENA Rain Sensor electronic	Art. No. 1189
	GARDENA Extension Cable for Soil Moisture Sensor and Rain Sensor electronic	Art. No. 1186
	GARDENA Connection Cable	Art. No. 1280
	GARDENA Connecting Clips	Art. No. 1282
Filter	GARDENA Central Filter	Art. No. 1506 / 1510

8. Technical Data

Irrigation Valve	Operating pressure	0.5 to 12 bar
	Flow medium	clean fresh water
	Max. water temperature	40 °C

9. Service / Warranty

Warranty:	<p>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:</p> <ul style="list-style-type: none"> • The unit must have been handled properly and in keeping with the requirements of the operating instructions. • Neither the purchaser or a non-authorised third party have attempted to repair the unit.
------------------	---

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

If a fault occurs with your Irrigation Valve, please return the faulty unit together with a copy of the receipt and a description of the fault, with postage paid to one of the GARDENA Service Centres listed on the back of these operating instructions.

<p>D <i>Produkthftung</i></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 Original GARDENA Teile oder von uns freigegebene Teile verwendet werden und die Reparatur nicht vom GARDENA Service oder dem autorisierten Fachmann durchgeführt wird. Entsprechendes gilt für Ergänzungssteile und Zubehör.</p>
<p>GB <i>Product Liability</i></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>
<p>F <i>Responsabilité</i></p>	<p>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.</p>
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Deutschland / Germany

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

Argentina

Husqvarna Argentina S.A.
Vera 745
(C1414AOO) Buenos Aires
Phone: (+54) 11 4858-5000
diego.poggi@ar.husqvarna.com

Australia

Husqvarna Australia Pty. Ltd.
Locked Bag 18
Gosford NSW 2250
Phone: (+61) (0) 2 4372 1500
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

Belgium

GARDENA Belgium NV/SA
Sterrebeekstraat 163
1930 Zaventem
Phone: (+32) 2 72092 12
Mail: info@gardena.be

Brazil

Palash Comércio e
Importação Ltda.
Rua São João do Araguaia, 338
- Jardim Califórnia -
Barueri - SP - Brasil -
CEP 06409-060
Phone: (+55) 11 4198-9777
eduardo@palash.com.br

Bulgaria

Хускварна България ЕООД
1799 София
Бул. „Андрей Ляпчев“ № 72
Тел.: (+359) 2 80 99 424
www.husqvarna.bg

Canada / USA

GARDENA Canada Ltd.
100 Summerlea Road
Brampton, Ontario L6T 4X3
Phone: (+1) 905 792 9330
info@gardenacanada.com

Chile

Antonio Martinic y Cia Ltda.
Cassillas 272
Centro de Cassillas
Santiago de Chile
Phone: (+56) 2 20 10 708
garfar_cl@yahoo.com

Costa Rica

Compania Exim
Euroberoamericana 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

KLIS d.o.o.
Stanciceva 79
10419 Vukovina
Phone: (+385) 1 622 777 0
gardena@klis-trgovina.hr

Cyprus

FARMOKIPIKI LTD
P.O. Box 7098
74, Digeni Akritas Ave.
1641 Nicosia
Phone: (+357) 22 75 47 62
condam@spidernet.com.cy

Czech Republic

GARDENA spol. s r.o.
Tuřanka 115
627 00 Brno
Phone: (+420) 548 217 777
gardena@gardenabrno.cz

Denmark

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

Estonia

Husqvarna Eesti OÜ
Consumer Outdoor Products
Kesk tee 10, Aaviku küla
Rae vald, Harju maakond
75305
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 Barbanniers, B.P. 99
- F - 92232 GENNEVILLIERS
cedex
Tél. (+33) 01 40 85 30 40
service.consommateurs@
gardena.fr

Great Britain

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

Greece

HUSQVARNA GREECE S.A.
Branch of Koropi
Ilfestou 33A
Industrial Area Koropi
194 00 Athens - Greece
V.A.T. EL094094640
Phone: (+30) 210 66 20 225
info@husqvarna-consumer.gr

Hungary

Husqvarna
Magyarország Kft.
Ezred u. 1 - 3
1044 Budapest
Phone: (+36) 80 20 40 33
gardena@gardena.hu

Iceland

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

Ireland

Michael McLoughlin & Sons
Hardware Limited
Long Mile Road
Dublin 12

Italy

GARDENA Italia S.p.A.
Via Donizetti 22
20020 Lainate (Mi)
Phone: (+39) 02.93.94.79.1
info@gardenaitalia.it

Japan

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

Latvia

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

Lithuania

UAB Husqvarna Lietuva
Consumer Outdoor Products
Atleities 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

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 76437
Manukau City 2241
Phone: (+64) (09) 9202410

Norway

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

Poland

Husqvarna Poland Spółka z o.o.
Oddział w Szymanowie
Szymanów 9 d
05-532 Baniocha
Phone: (+48) 22 727 56 90
gardena@gardena.pl

Portugal

GARDENA Portugal Lda.
Sintra Business Park
Edifício 1, Fracção 0-G
2710-089 Sintra
Phone: (+351) 21 922 85 30
info@gardena.pt

Romania

MADEX INTERNATIONAL SRL
Soseaua Odaii 117-123,
Sector 1,
București, RO 013603
Phone: (+40) 21 352 76 03
madex@ines.ro

Russia

ООО ГАРДЕНА PVC
123007, г. Москва
Хорошевское шоссе, д. 32А
Тел.: (+7) 495 380 31 92
info@gardena-rus.ru

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

GARDENA spol. s r.o.
Tuřanka 115
627 00 Brno
Phone: (+420) 548 217 777
gardena@gardenabrno.cz

Slovenia

GARDENA d.o.o.
Brodriše 15
1236 Trzin
Phone: (+386) 1 580 93 32
servis@gardena.si

South Africa

GARDENA
South Africa (Pty.) Ltd.
P.O. Box 11534
Vorna Valley 1686
Phone: (+27) 11 315 02 23
sales@gardena.co.za

Spain

GARDENA IBÉRICA S.L.U.
C/ Basauri, nº 6
La Florida
28023 Madrid
Phone: (+34) 91 708 05 00
atencioncliente@gardena.es

Sweden

GARDENA
Husqvarna Consumer Outdoor
Products
Försäljningskontor Sverige
Box 9003
200 39 Malmö
info@gardena.se

Switzerland / Schweiz

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

Turkey

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

Ukraine / Україна

ТОВ «ГАРДЕНА УКРАЇНА»
Васильківська, 34, 204-Г
03022, Київ
Тел. (+38) 044 498 39 02
info@gardena.ua

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