

Betriebsanleitung Bewässerungsventil

Irrigation Valve

Mode d'emploi

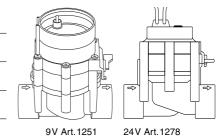
Operating Instructions

D

F

GB

-	Electrovanne	
NL	Instructies voor gebruik Beregeningsventiel	
S	Bruksanvisning Ventil	
DK	Brugsanvisning Vandingsventil	
FIN	Käyttöohje Kasteluventtiili	
N	Bruksanvisning Vanningsventil	
I	Istruzioni per l'uso Valvola cordless	



Е	Manual de instrucciones
	Válvula de riego

- Instruções de utilização Válvula de Irrigação
- RO Instrucțiuni de utilizare Flectrovalvă
- TR Kullanma kılavuzu Solenoid vana

GARDENA Irrigation Valve



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 Irrigation Valve, its 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 Irrigation Valve. Persons with reduced physical or mental abilities may use the product only if they are supervised or instructed by a responsible person. Children must be supervised to ensure that they do not play with the product. Never operate the product when you are tired, ill or under the influence of alcohol, drugs or medicine.

→ Please keep these operating instructions in a safe place.

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1. Where to Use Your GARDENA Irrigation Valve

Intended use

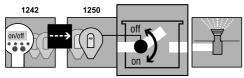
The Irrigation Valves are intended solely for outdoor use for fully automatic control of individual irrigation systems. It is a benefit to arrange a watering system into separate sections in case of varying watering needs for different plant areas or if there is insufficient water available for simultaneous operation of the entire watering system.

The Irrigation Valve is installed upstream in the watering system (e. g. Pop-up Sprinklers; Micro-Drip-System), for example, in the ground.

Please note

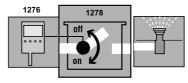
Compliance with the enclosed operating instructions provided by GARDENA is a prerequisite for proper use of the Irrigation Valve.

9V:



The Irrigation Valve 1251 forms part of an irrigation system in conjunction with the Programming Unit 1242 and the Control Unit 1250.

24 V:



The Irrigation Valve 1278 forms part of an irrigation system in conjunction with the Watering Controller 1276.



The Irrigation Valve must only be used in conjunction with the – 9 V Control Units; Radio Receivers / 24 V Watering Controller – approved by GARDENA.

2. Safety Instructions

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

9 V and 24 V products are not interchangeable.

Blocking the Irrigation Valve

→ In the case of dirty water, the GARDENA Central Filter Art. No. 1510 must be installed upstream in the watering system.

Water pressure

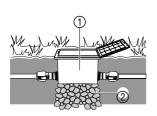
The function of your watering system depends on the available water pressure. Therefore, care should be taken not to overlap watering cycles of the various watering circuits and to ensure that the watering circuits you have planned will be supplied with sufficient water at an adequate pressure.

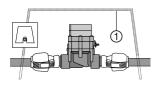
Please refer to the planning instructions in the special brochure entitled "Watering Systems – Sprinkler System Planning Guide" available from GARDENA.

3. Initial Operation

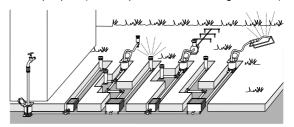
If the Irrigation Valve is installed below ground level, it must be installed in a sturdy and step-proof valve mount ① (valve box) e.g. GARDENA Art. No. 1254/1255/1290/1292.

Install the valve mount:





1. Draw up a plan (an example is shown in the figure below).



Additional information is provided in the GARDENA Sprinkler System Planning Guide which is available from your GARDENA dealer.

2. For underground installation, place a layer of coarse gravel ② underneath the valve mount ①.

This ensures proper drainage of the box.

Install the valve box with the top edge of the box at ground level.

This avoids damage when mowing the lawn.

Please refer to the relevant operating instructions for information on how to install the Irrigation Valves in GARDENA Valve Boxes V1 and V3.

Installing the Irrigation Valve without a Valve Box:

The integrated solenoid valve works only correctly with the Irrigation Valve connected in flow direction.

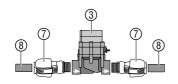


Flow direction

- → Pay attention to the flow direction (arrows) when installing the Irrigation Valve ③.
- ightarrow Seal the screw connections with PTFE sealing tape, Art. 7219.

Connecting GARDENA Connecting pipes ® (2700/2701/2704/2705/2718) or other commercially available connecting pipes:

- Screw a GARDENA Connector ② 2763 (1" = 25 mm) / 2769 (5/4" = 32 mm) into the Irrigation Valve ③.
- Connect the GARDENA connecting pipes (8) or other commercially available connecting pipes (25 mm / 32 mm).



Connect Soil Moisture Sensor or Rain Sensor electronic (optional):

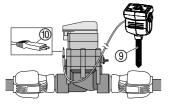
In conjunction with the programmed watering time, the moisture level of the soil or the natural precipitation can be taken into account for each Irrigation Valve.

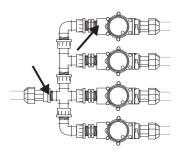
When a sufficient moisture content of the soil is reached, a programme may be interrupted or activation of a programme may be suppressed.

- Place the Soil Moisture Sensor (9) in the area to be irrigated

 or the Rain Sensor electronic (if necessary with an extension cable) outside of the area to be irrigated.
- 9V: Plug the connector (1) into the sensor socket of the Control Unit.

24V: Insert plug (10) in the sensor connection of the Watering Control System Art. 1276 (s. Operating Instructions Art. 1276).



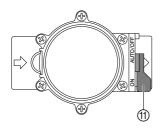


Conventional installation:

If using Art. 2750/2751/2752/2753/2755 the points marked with an arrow must be sealed with sealing tape (e.g. Art. No. 7219).

4. Operation

Adjusting valve control:



Fully Automatic Control:

→ Set selection lever (f) to "AUTO/OFF". Programme-controlled water flow to the watering system according to the programming in the Control Unit/Radio Receiver.

An automatically opened valve cannot be closed manually.

Manual Control:

→ Set selection lever ⁽¹⁾ to "ON".
Permanent water flow, independent of the programming.

5. Trouble-Shooting

Fault	Possible Causes	Remedy
Solenoid valve does not	No water supply.	→ Turn on water supply.
open, no water flow	Control Unit / Radio Receiver / Watering Controller not connected correctly to Irrigation Valve.	→ Connect Control Unit / Radio Receiver / Watering Controller correctly to Irrigation Valve.

Fault	Possible Causes	Remedy
Solenoid valve does not close, continuous water flow	Solenoid valve installed opposite to flow direction.	→ Turn solenoid valve (observe the flow direction).
	Selection lever (1) set to "ON".	→ Set selection lever ① to "AUTO/OFF".



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.

6. Protection against Frost

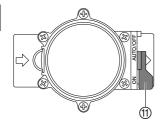
Winter storage:

GARDENA Irrigation Valves are intended for outdoor use and are only frost-proof to a limited extent. The only way to protect your Irrigation Valves completely is to remove the valves before the frosty season begins. Alternatively, you can drain the pipeline system upstream and downstream of the Irrigation Valve.

Emptying the pipeline system UPSTREAM of the valve:

 Turn off the tap and disconnect the hose between the tap and the GARDENA Water Connection Point Art. No. 2722 / Art. No. 2795.

This allows the air to flow freely and the supply line can be drained using the drain valve integrated in the Connecting Point.



This requires that the Connecting Point be installed deeper in the ground than the Irrigation Valve.

- 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 1 of all valves to the "ON" position.
- If you are using the GARDENA Valve Box V3, make sure you open the integrated drain cap.

Emptying the pipeline system <u>DOWNSTREAM</u> of the valve:

Requirement: The Drainage Valve must be installed deeper than or at the same depth as the Irrigation Valve.

→ Install a GARDENA Drainage Valve Art. No. 2760 immediately after the valve.

The system is drained automatically via the the GARDENA Drainage Valve.

→ If neither of these requirements is fulfilled, the valve must be removed and stored in a place safe from frost.

Disposal:

(in accordance with Directive 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.

7. Technical Data

Solenoid Valve	9 V (Art. No. 1251)	24 V (Art. No. 1278)
Voltage	9 V DC	24 V AC
Operating pressure	0.5 to 12 bar	0.5 to 12 bar
Flow medium	clean fresh water	clean fresh water
Max. water temperature	40 °C	40 °C

8. 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-authorised third party have attempted to repair the unit.

Faults with the Irrigation Valve caused by incorrectly installed batteries or leaking batteries in the Control Unit / Radio Receiver are not covered by the guarantee.

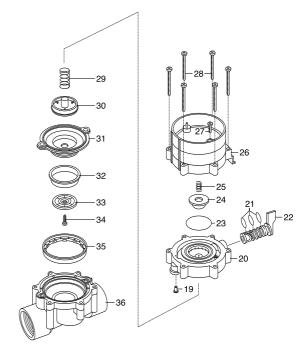
This manufacturer's guarantee does not affect the user's existing warranty claims against the dealer/seller.

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.

Bild Nr. Picture No.	Ersatzteil-Nr. Spare Part No.	Bezeichnung Bewässerungsventil 9V/1" ArtNr. 1251	Description Watering Valve 9V/1" Art. No. 1251
10.00	1051 00 500 00		
19-36	1251-00.500.00	Bew. Ventil 9V/1" (=Art.1251)	Watering valve 9 V / 1" (= Art.1251)
19	1815-00.610.27	Steuerdüse, rot	Control nozzle, red
20	1251-00.500.26	Ventildeckel	Valve cover
21	913-00.680.01	O-Ring 7,5 x 2	O-Ring 7,5 x 2
22+21	1251-00.701.00	Kücken, vollst.	Mixer dial, cpl.
23	1672-00.600.11	O-Ring 24 x 2	O-Ring 24 x 2
24	1174-00.617.00	Magnetplatte, vollst.	Magnetic plate, cpl.
25	1174-00.610.11	Druckfeder, klein	Pressure spring, small
26	1251-00.510.00	Elekromagnet, vollst.	Electric magnet, cpl.
27	1174-00.610.07	Blechschraube 3,5 x 25-F-H	Sheet metal screw 3,5 x 25-F-H
28	1251-00.500.21	Blechschraube 4,2 x 60	Sheet metal screw 4,2 x 60 (6 x)
29	1174-00.610.08	Druckfeder, gross	Pressure spring, large
30 - 34	1251-00.520.00	Membrane, vollst.	Diaphragm
35	1251-00.500.11	Stützring	Support ring
36	1251-00.500.06	Ventilkörper	Valve body
	1251-00.540.00	Feinfilter	Fine filter
146			



Bewässerungsventil Art. 1251



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 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 Ergänzungsteile 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 i henhold til produktansvarsloven er vi ikke ansvarlige for skader forårsaget af vores udstyr, hvis det skyldes 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.

D EG-Konformitätserklärung

Der Unterzeichnete Husqvarna AB, 561 82 Huskvarna, Sweden bestätigt, dass die nachfögend 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.

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.

F Certificat de conformité aux directives européennes

Le constructeur, soussigné: Husquarna AB, 561 82 Huskvarna, Sweden, déclare qu'à la sortie de ses usines le matériel neuf désigné ci-dessous était 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 Husquarna supprime la validité de ce certificat.

NL EU-overeenstemmingsverklaring

Ondergetekende Husqvarna AB, 561 82 Huskvarna, Sweden, bevestigt, dat het volgende genoemde apparaat in de door ons in de handel gebrachte uitvoering voldoet aan de eis van, en in overeenstemming is met de EU-richtlijnen, de EU-veilligheidsstandaard en de voor het product specifieke standaard. Bij een niet met ons afgestemde verandering aan het apparaat verliest deze verklaring haar qeldichield.

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 värt tillständ.

DK EU Overensstemmelse certificat

Undertegnede Husqvarna AB, 561 82 Huskvarna, Sweden bekræfter hermed, at enheder listet herunder, ved afsendelse fra fabrikken, er i overensstemmelse med harmoniserede EU retningslinier, EU sikkerhedsstandarder og produkt-specifikationsstandarder. Dette certifikat træder ud af kraft hvis enhederne er ændret uden vor godkendelse.

FIN EY-vaatimustenmukaisuusvakuutus

Allekirjoittanut Husqvarna AB, 561 82 Huskvarna, Sweden vakuuttaa, että allamaintut laitteet täyttävät tehtaaltamme lähtiessään yhdenmukaistettujen EY-direktiivien, EY-turvalliisuusstandardien ja tuotekohtiaisten standardien vaatimukset. Laittelisiin tehdyt muutokset, joista ei ole sovittu kanssamme, johtavat tämän vakuutuksen raukeamissen.

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.

E Declaración de conformidad de la UE

El que subscribe Husqvarna AB, 561 82 Huskvarna, Sweden, declara que la presente mercancia, 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 mercancia sin nuestra previa autorización, esta declaración pierde su validez.

P Certificado de conformidade da UE

Os abaixo mencionados Husqvarna AB, 561 82 Huskvarna, Sweden, por este meio certificam que ao sair da fábrica o aparelho abaixo mencionado está de acordo com as directrizes harmonizadas da UE, padrões de segurança e de produtos específicos. Este certificado ficará nulo se a unidade for modificada sem a nossa aprovação.

RO LIF - 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

Ventil

Válvula de Irrigação

Bezeichnung des Gerätes: Bewässerungsventil Description of the unit: Irrigation Valve Désignation du matériel : Flectrovanne Omschrijving van het apparaat: Beregeningsventiel

Produktbeskrivning:

Beskrivelse af enhederne: Vandingsventil Laitteiden nimitys: Kasteluventtiili Descrizione del prodotto: Valvola cordless Descripción de la mercancía: Válvula de riego

Descrição do aparelho:

Descrierea articolelor: Flectrovalvă FI I-Richtlinien: EU directives:

Directives européennes :

EU-richtliinen: FU direktiv:

EU Retningslinier: 2011/65/FC

FY-direktiivit: Direttive UE: Normativa UE: Directrizes da UE: Directive UF:

Hinterlegte Dokumentation: GARDENA Technische Dokumentation

M. Kualer 89079 Ulm

Deposited Documentation: GARDENA Technical Documentation

M. Kualer 89079 Ulm

Documentation déposée : Documentation technique GARDENA

M. Kualer 89079 Ulm

Typ: Art -Nr · Art No · Type:

Type: Référence : Tvp: Art nr

9 V 1251 Tvp: Art nr · Type: Varenr.:

24 V 1278 Tyvpit: Art -n · o · Art.:

Modello:

Tipo: Art Nº. Tipo: Art Nº∙ Tipuri: Nr art.:

Anbringungsiahr der CE-Kennzeichnung:

Year of CE marking:

Date d'apposition du marquage CE :

Installatieiaar van de CE-aanduiding:

CE-Märkningsår:

2014 CE-Mærkningsår:

CE-merkin kiinnitysyuosi:

Anno di rilascio della certificazione CE:

Colocación del distintivo CF: Ano de marcação pela CE:

Anul de marcare CE:

Ulm, den 14.01.2014 Ulm, 14.01.2014 Fait à Ulm, le 14.01.2014 Ulm, 14-01-2014 Ulm, 2014.01.14. Ulm, 14.01.2014 Ulm, 14.01.2014 Ulm, 14.01.2014 Ulm, 14.01.2014 Ulm, 14.01.2014 Ulm, 14.01.2014

Der Bevollmächtigte
Authorised representative
Représentant légal
Gemachtigde
Behörig Firmatecknare
Teknisk direktør
Valtuutettu edustaja
Rappresentante autorizado
Representante autorizado
Vodja tehničnega oddelka

Reinhard Pompe (Vice President) Deutschland / Germany

GARDENA GmbH Central Service Hans-Lorenser-Straße 40 D-89079 Lllm Produktfragen: (+49) 731 490-123 Reparaturen: (+49) 731 490-290

service@gardena.com

Δlhania

COBALT Sh.p.k. Br. 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.husgyarna.com

Armenia Garden Land Ltd. 61 Tigran Mets

0005 Yerevan Australia Husqyarna Australia Ptv. Ltd. Locked Bag 5 Central Coast BC

NSW 2252 Phone: (+61) (0) 2 4352 7400 customer.service@ husgyarna.com.au

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

Azerbaijan Firm Progress a Alivey Str 26A 1052 Baku

Belgium

GARDENA Belgium NV/SA Sterrebeekstraat 163 1930 Zaventem Phone: (+32) 2 7 2 0 9 2 1 2 Mail: info@gardena.be

Bosnia / Herzegovina SILK TRADE doo Industrijska zona Bukva bb 74260 Tešani

Brazil

Husqyarna do Brasil Ltda Av. Francisco Matarazzo. 1400 - 199 andar São Paulo - SP CEP: 05001-903 Tel: 0800-112252 marketing.br.husqvarna@ husqvarna.com.br

Rulgaria

Хускварна България ЕООЛ Бул. "Андрей Ляпчев" № 72 1799 София Тел.: (+359) 02/9753076 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

Maguinarias 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, Valparaíso # 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

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

Costa Rica Compania Exim

Furoiberoamericana 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 doo Josipa Lončara 3 10090 Zagreb Phone: (+385) 1 3794 580 silk.adria@zg.t-com.hr

Cyprus

Med Marketing 17 Digeni Akrita Ave PO Box 27017 1641 Nicosia

Czech Republic Husavarna Česko s.r.o. Türkova 2319/5h 149 00 Praha 4 - Chodov Bezplatná infolinka: 800 100 425 servis@cz.husgvarna.com Denmark

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

Dominican Republic BOSOLIESA S.B.I. Carretera Santiago Licev Km. 5 1/2 Esquina Copal II. Santiago, Dominican Republic Phone: (+809) 736-0333 ioserbosquesa@claro.net.do

Fcuador

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

Estonia Husqvarna Eesti OÜ

Consumer Outdoor Products Kesk tee 10. Aaviku küla Rae vald Hariu maakond 75305 Estonia kontakt.eti@husqvarna.ee

Finland

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

France

GARDENA France Immerible 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

Georgia

ALD Group Beliashvili 8 1159 Tleilisi

Great Britain Husqvarna UK Ltd Preston Road Avcliffe Industrial Park Newton Avcliffe County Durham DL5 6UP info.gardena@ husgvarna.co.uk

Greece

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

Hungary Husqyarna Magyarország Kft. Ezred u. 1-3 1044 Budanest Telefon: (+36) 1 251-4161 vevoszolgalat.husgvarna@ husqvarna.hu

Iceland

Ó Johnson & Kaaher Tunguhalsi 1 110 Revkiavik ooi@oik.is

Ireland

Husqvarna UK Ltd Preston Road Avcliffe Industrial Park Newton Avcliffe County Durham DI 5 6LIP info.gardena@ husgvarna.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 Koiimachi BLDG. 8F 5-1 Nibannovo Chiyoda-ku Tokyo 102-0084 Phone: (+81) 33 264 4721 m ishihara@kaku-ichi.co.ip

Kazakhstan LAMED Ltd 155/1. Tazhibayevoi Str. 050060 Almaty IP Schmidt Abayayenue 3B 110 005 Kostanav

Korea

Kyung Jin Trading CO.,LTD. 107-4. SunDuk Bld.. Yang Jae-dong. Seocho-au Seoul. (zipcode: 137-891) Phone: (+82) (0)2 574-6300

Kyrgyzstan Alve Maki av. Moladava Guardir J 3 720014 Bishkek

I atvia

Husovarna Latvija Consumer Outdoor Products Bākūžu iela 6 LV-1024 Rīga info@husqvarna.lv

Lithuania

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

Luxemboura

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

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

info@gardena.nl

Netherlands GARDENA Nederland B.V. Postbus 50176 1305 AD ALMERE Phone: (+31) 36 521 00 00

Neth. Antilles Jonka Enterprises N.V. Sta. Rosa Weg 196 P.O. Box 8200 Curação Phone: (+599) 9 767 66 55 pgm@ionka.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 GARDÉNA Husqyarna Consumer Outdoor Products Salgskontor Norge Kleverveien 6 1540 Vestby info@gardena.no

Peru

Husavarna Perú S A Jr. Bamón Cárcamo 710 Lima 1 Tel: (+51) 13320400 ext. 416 iuan.remuzgo@husgvarna.com

Poland Husavarna 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 - Albarrague 2635 - 595 Bio de Mouro 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, S1 Phone: (+40) 21 352.76.03 madex@ines.ro

ООО "Хускварна" 141400, Московская обл., г. Химки. улица Ленинградская. владение 39, стр.6 Бизнес Центр ..Химки Бизнес Парк"... помешение ОВ02 04

Russia

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

Singapore

Hv-Ray PRIVATE LIMITED 40 Jalan Pemimpin #02-08 Tat Ann Building Singapore 577185 Phone: (+65) 6253 2277 shiving@hvrav.com.sq

Slovak Republic Husavarna Česko s.r.o. Türkova 2319/5b 149 00 Praha 4 - Chodov Bezplatná infolinka: 800 154 044 servis@sk.husgvarna.com

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

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

Spain Husovarna 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 Paramariho Suriname-South America

Sweden Husavarna AR S-561 82 Huskvarna info@gardena.se

Switzerland / Schweiz Husqyarna Schweiz AG Consumer Products Industriestrasse 10 5506 Mägenwil Phone: (+41) (0) 62 887 37 90 info@gardena.ch

Turkev GARDENA Dost Dis Ticaret Mümessillik A.S. Sanavi Cad. 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. orbic 204-r 03022. Kuïa Тел. (+38) 044 498 39 02 info@gardena.ua

Uruguay FFLI SA Entre Ríos 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. Tlf: (+58) 212 992 33 22

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info@casayjardin.net.ve