

Art. 1188

**D Betriebsanleitung**  
Bodenfeuchtesensor

**GB Operating Instructions**  
Soil Moisture Sensor

**F Mode d'emploi**  
Sonde d'humidité

**NL Instructies voor gebruik**  
Bodemvochtigheidssensor

**S Bruksanvisning**  
Fuktighetsmätare

**I Istruzioni per l'uso**  
Tester di umidità

**E Manual de instrucciones**  
Sensor de humedad

**P Instruções de manejo**  
Sensor de humidade do solo

**DK Brugsanvisning**  
Fugtighedssensor

# GARDENA Soil Moisture Sensor

Welcome to the Garden of GARDENA...



Translation of the original instructions from German.

Please read these operating instructions carefully and observe the information they contain. Use these operating instructions to familiarise yourself with the GARDENA Soil Moisture Sensor, its proper use and the notes on safety.



For safety reasons, children under the age of 16 as people, who are not familiar with the operating instructions should not use the Soil Moisture Sensor. 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 instructions in a safe place.

## Contents:

1. Where to use Your GARDENA Soil Moisture Sensor .....	10
2. Safety instructions .....	10
3. Function .....	11
4. Initial Operation .....	11
5. Operation .....	13
6. Putting into Storage .....	14
7. Maintenance .....	14
8. Troubleshooting .....	15
9. Accessories .....	15
10. Technical Data .....	16
11. Service / Warranty .....	16

## 1. Where to use Your GARDENA Soil Moisture Sensor

### Intended use:

The GARDENA Soil Moisture Sensor is designed to be used solely outdoors in domestic and private gardens and in greenhouses to control sprinklers and watering systems via a GARDENA Water Computer and multi-channel control systems taking account the soil moisture level.

The Soil Moisture Sensor can also be used together with the GARDENA Fully Automatic Flower Box Watering Set Art. 1407.

### Please note:



**It is not permitted to use the Soil Moisture Sensor for industrial or commercial applications and in conjunction with chemicals, foodstuffs, highly combustible or explosive substances.**

## 2. Safety instructions

### Batteries:

For reasons of operational reliability the Soil Moisture Sensor should only be operated with two 1.5 V (alkaline) round cells **type IEC LR14**.

To prevent failure of the Soil Moisture Sensor due to weak batteries in conjunction with a

lengthy absence, batteries should be replaced in due course.

This will depend on the previous operating life of the batteries and the probable length of absence, which should not exceed a year in total.

### **Information regarding use:**

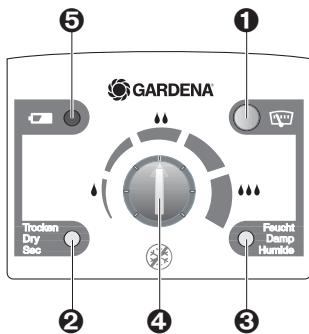
The Soil Moisture Sensor is equipped with a safety switch. If the sensor cable is damaged or the batteries flat, the selected watering time of the Water Computer will be used for watering.

The spread of moisture in the soil after watering or rainfall is rather slow.

In the worst-case scenario it may happen that irrigation and a rain shower overlap until the required soil moisture is attained.

## **3. Function**

### **Control panel of Soil Moisture Sensor:**



With the GARDENA Soil Moisture Sensor the soil moisture level is taken into consideration for watering.

The Soil Moisture Sensor measures the soil moisture at the root level of the plants automatically approximately every 10 minutes and sends the measured results to the Water Computer.

#### **① Indicator button:**

Activates display of moisture level last measured.

#### **② "Dry" LED**

Indicates that the Soil Moisture Sensor is measuring dry in relation to the switching controller ④.

#### **③ "Damp" LED:**

Indicates that the Soil Moisture Sensor is measuring damp in relation to the switching controller ④.

#### **④ Switching controller:**

Sets the soil moisture level at which watering is to take place.

#### **⑤ Battery LED:**

If the battery LED flashes the batteries have to be replaced.

If the batteries are flat and are not replaced, the connected Water Computer will function with the watering program selected.

→ Replace batteries (see **7. Maintenance** "Replace batteries").

## **4. Initial Operation**

### **Insert batteries:**

→ To insert batteries (see **7. Maintenance** "Replace batteries").

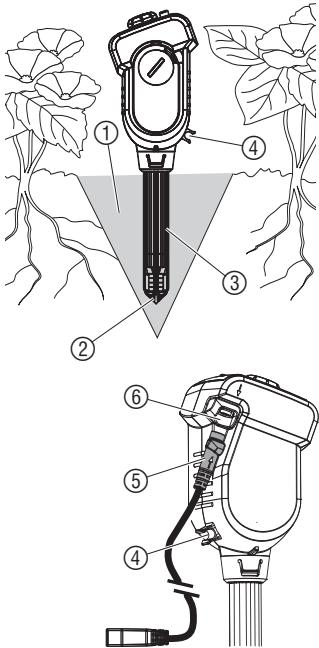
### **Select correct location for Soil Moisture Sensor:**

#### **Correct location:**

The Soil Moisture Sensor must be positioned **at a location in the watering area** which is exposed to the same climatic conditions as the plants (sun, wind, rain, etc.).

#### **Incorrect location:**

The Soil Moisture Sensor should not be covered by neighbouring plants. Areas of shade should be avoided. To rule out erroneous reaction results caused by waterlogging, the Soil Moisture Sensor should not be positioned in dips in the ground.

**"Plant" Soil Moisture Sensor:****WARNING !**

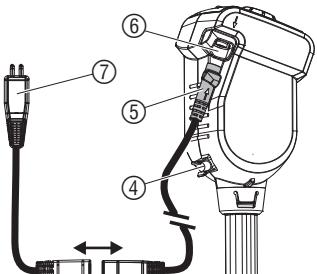
The tip of the sensor will only measure the soil moisture correctly if the sensor tip is in full contact with the ground on all sides! No air should be trapped at the sensor tip in the ground.

1. Dig a funnel-shaped hole in the ground ① at least 12 cm deep.
2. Break up the soil ① removed and take out any stones.
3. If the soil is dry, moisten.
4. Replace the damp broken-up soil ① in the funnel-shaped hole without packing tight.
5. Immerse entire sensor tip ② in water (felt must be wet).
6. Insert sensor cable (long) ⑤ in the sensor socket ⑥ of the Soil Moisture Sensor (on purchase this is already inserted).
7. Insert the Soil Moisture Sensor to the upper edge of the sensor ③ in the broken-up soil ①.  
*Here the sensor tip ② must be in full contact with the damp soil on all sides.*
8. Press down the soil ① around the sensor ③ lightly.  
*The Soil Moisture Sensor should not stand loose in the ground.*
9. Water the area around the Soil Moisture Sensor with approx. 1 litre water.  
*Depending on the ground it may take several hours until the Soil Moisture Sensor measures the actual soil moisture.*

**Connect GARDENA Micro-Drip-System :**

To ensure that the quantity of water delivered is registered by the sensor tip when using the GARDENA Micro-Drip-System, a drip head must be installed directly above the sensor.

→ Fit a Supply Pipe 4.6 mm (3/16") with drip head to the drip head holder ④ of the Soil Moisture Sensor.

**Connect adapter cable:**

1. Lay the sensor cable ⑤ in/on the ground so that it cannot be damaged or trip people up. The cable should be laid in the ground in a bed of sand to prevent any damage being caused by stones.
2. Fit adapter cable (short) ⑦ to sensor cable ⑤ (on purchase this is already fitted).
3. Insert adapter cable ⑦ in sensor connection of GARDENA Water Computer.

If the sensor cable is not long enough, it can be extended with the GARDENA Extension Cable Art. 1186 (up to 105 m).

## 5. Operation

GB

The water requirement of plants depends on many factors, e.g. type of plant, soil, sunshine, wind. To find the suitable switching point of the Soil Moisture Sensor, it has to be observed during irrigation over a period of approx. 1 - 2 weeks and re-adjusted if necessary. If the soil moisture has exceeded the switching point selected, the watering program of the Water Computer is terminated prematurely or an outstanding irrigation process blocked.

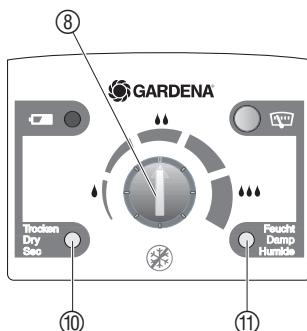
### Select presetting of switching controller:

On delivery, the switching controller is set to the **centre position**, which is suitable for normal non-forest soils (**loamy humus**).

For **sandy soils** the switching controller ⑧ should be preset slightly **to the right** (dampener).

For **potting soil** the switching controller ⑧ should be preset slightly **to the left** (drier).

### Set switching point of Soil Moisture Sensor:



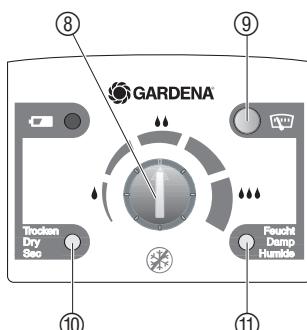
### Increase soil moisture level:

→ If the soil seems too dry for an application (type of soil or plant species), turn the switching controller ⑧ to the right towards **“Damp”** (e.g. with a coin).

### Reduce soil moisture level:

→ If the soil seems too damp for an application (type of soil or plant species), turn the switching controller ⑧ to the left towards **“Dry”** (e.g. with a coin).

### Display soil moisture:



The soil moisture can be displayed at any time with the Soil Moisture Sensor. When the Soil Moisture Sensor shows **“Damp”** ⑪, watering is not carried out.

→ Press indicator button ⑨.

*The soil moisture value last measured is indicated for 1 minute with the relevant LED (“Dry” ⑩ or “Damp” ⑪).*

During the minute in which the measured result is displayed, the switching controller can be used to find the relevant switching point by turning the switching controller until the display changes from **“Dry”** ⑩ to **“Damp”** ⑪ or vice versa. If the display does not change, the ground is either very dry or very damp.

### Usage:

To keep the soil moisture level as constant as possible, irrigation should be carried out with short watering cycles and short watering times. This especially applies to flower boxes on balconies, which have a watering time of < 5 min.

## 6. Putting into Storage

**Storage / Overwintering:**



The storage location must not be accessible to children.

1. Remove batteries from Soil Moisture Sensor.
2. Store the Soil Moisture Sensor in a dry place protected from frost.

**Disposal:**  
(in accordance with  
RL 2002/96/EC)



**Important!**

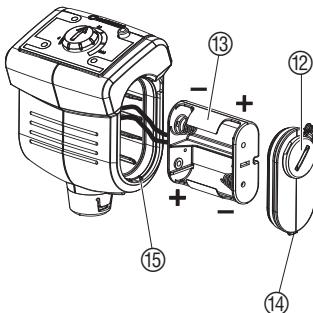
Return spent batteries to one of the sales outlets or dispose of batteries via your municipal recycling collection centre.  
Only dispose of battery once **discharged**.

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.

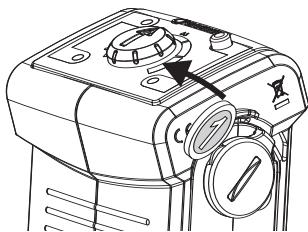
## 7. Maintenance

**Replace batteries:**



**Caution: Rechargeable batteries should not be used!**

1. Unlock battery cover ⑫ with a coin (or large screwdriver) by turning clockwise and remove using gentle pressure.
2. Remove battery holder ⑬ and insert 2 batteries (round cells 1.5 V alkaline type IEC LR14).  
**When doing so, ensure correct polarity (+/-).**
3. Insert battery holder ⑬ in Soil Moisture Sensor. When doing so, make sure that cables are not trapped.
4. Insert catch lug ⑭ of battery cover ⑫ in housing slot ⑮ and press down battery cover ⑫. When doing so, make sure that O-ring is positioned correctly.
5. Relock battery cover ⑫ with a coin (or large screwdriver) by turning anticlockwise.



**Clean control panel:**

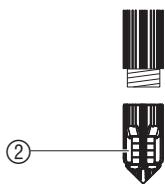
The control panel should be cleaned when soiled.

**No caustic / abrasive cleaning agents should be used.**

- Clean control panel with a damp cloth (do not use solvent).

## **Clean / replace sensor tip:**

Whenever the Soil Moisture Sensor is relocated, the sensor tip should be cleaned/replaced. The felt on the tip should not come into contact with grease.



→ Clean sensor tip ② with clear water.

If the felt becomes damaged, the sensor tip can be re-ordered from GARDENA Service.

→ Unscrew sensor tip ② and screw on new tip.

GB

## **8. Troubleshooting**

Fault	Possible cause	Remedy
<b>Watering is switched on although soil is damp</b>	Soil Moisture Sensor not positioned in watering area.	→ Position Soil Moisture Sensor in watering area.
	Switching controller too far to the right on "Damp".	→ Turn switching controller to the left accordingly.
	Defective or loose sensor cable.	→ Check sensor cable and connections.
	Batteries spent / inserted incorrectly / wrong battery used.	→ Replace batteries / insert correctly / use alkaline battery.
	Air trapped at sensor tip.	→ Remove trapped air (see 4. Initial Operation " <i>"Plant" Soil Moisture Sensor</i> ").
<b>Watering is not switched on although soil is dry</b>	Soil Moisture Sensor is in a dip in the ground.	→ Reposition Soil Moisture Sensor at correct location (see 4. Initial Operation " <i>Select correct location for Soil Moisture Sensor</i> ").
	Switching controller too far to the left on "Dry".	→ Turn switching controller to the right accordingly.
<b>Battery display of Soil Moisture Sensor flashing</b>	Batteries of Soil Moisture Sensor are flat.	→ Replace batteries of Soil Moisture Sensor.
	Soil Moisture Sensor defective.	→ Contact GARDENA Service.



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.

## **9. Accessories**

<b>GARDENA Extension Cable (length: 10 metres)</b>	Used to extend sensor cable to max. 105 metres.	<b>Art. 1186</b>
<b>GARDENA sensor tip with felt</b>	For replacement with damaged sensor tip.	obtainable via <b>GARDENA Service</b>

## 10. Technical data

### Soil Moisture Sensor (Art. 1188)

Sensor cable:	5 m
Adapter cable:	20 cm
Temperature range:	5 – 60 °C
Batteries:	2 x round cells type IEC LR14 (1.5 V alkaline 7.8 Ah)
Operating life of batteries:	approx. 1 year (with alkaline battery)

## 11. Service / Warranty

### **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.

As a wear part the sensor tip with felt is 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 Soil Moisture Sensor, 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.

## **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 gor 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.

## **FIN 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 hyväksymämme osia ja korjauksen on suoritettu muu kuin GARDENA-huoltokeskus tai valtuuttamamme ammattihienkilö. Tämä pättee myös lisääsiin 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 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 ocorram em decorrência de reparações inadequadas ou da substituição de peças por peças não originais da GARDENA, ou peças não autorizadas. A responsabilidade tornar-se-á 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 Państwa uwagę, że nie ponosimy odpowiedzialności za uszkodzenia naszych maszyn, bądź szkody spowodowane przez 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 uzupełniające i oprzyrządowania.

## **H Termékekfelelőssége**

Nyomatékosan utalunk arra, hogy a termékfelelősségi törvény értelmében nem felelünk a készülékeink által okozott károkért, amennyiben ezek szakszerűtlen javítás következményei, vagy ha a cseréket nem eredeti GARDENA – vagy általunk kibocsátott alkatrészekkel végezik el és a javítást nem a GARDENA megbízott szervizei végezték. Ez értelemsziszteren érvényes a kiegészítő részekre és a tartozékokra is.

## **CZ Ručení za výrobek**

Upozorňujeme výslovne na skutečnost, že podle zákona o ručení za výrobky nejsme povinni ručit za škody vyvolané našimi výrobky, pokud tyto škody byly způsobeny neodbornou opravou nebo v případě výměny dílů nebyly použity naše originální díly GARDENA, popř. díly, které jsme schválili, a oprava nebyla provedena v servisu GARDENA nebo autorizovaným specialistou. Analogické ustanovení platí rovněž pro doplňky a příslušenství.

## **SK Zodpovednosť za vady výrobku**

Výslovne zdôrazňujeme, že podľa zákona o ručení za výrobok nie smezodpovední za škody spôsobené našim zariadením, ak sú spôsobené nesprávou opravou, alebo ak sa nepoužili originálne diely GARDENA alebo nami schválené diely a ak nebola oprava vykonaná značkovou opravovňou GARDENA alebo autorizovaným odborníkom. To isté platí aj pre doplnkové diely a príslušenstvo.

## **GR Υπαιτιότητα προϊόντος**

Κάνουμε σαφές ότι, σύμφωνα με τους νόμους παραγωγής των προϊόντων, δεν είμαστε υπεύθυνοι για καμία ζημιά που προκλήθηκε από το προϊόν μας εάν δε χρησιμοποιήθηκαν για όλες τις συνδέσεις απολειτικά και μόνο τα γνήσια εξαρτήματα ή ανταλλακτικά της GARDENA ή αν το οερβίς δεν πραγματοποιήθηκε στο οερβίς της GARDENA. Τα ίδια ισχύουν για τα συμπληρωματικά μέρη και τα αξεσουάρ.

## **SLO Jamstvo za proizvode**

Izrecno opozarjamo, da po Zakonu o jamstvu za proizvode, ne odgovarjammo za škode, ki so jih povzročile naše naprave, in kolikor je bila povzročena zaradi nestrokovnega popravila, ali pa pri zamenjavi delov niso bili uporabljeni originalni nadomestni deli GARDENA oziroma deli, ki jih dovolimo uporabiti in če popravilo ni bilo opravljeno v servisu GARDENA oz. pri pooblaščenem strokovnjaku. Ustrezno velja tudi za dele, ki nadgrajujejo napravo in pribor.

## **RO Responsabilitatea legală a produsului**

Mentionam în mod expres că, 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 aprobat de GARDENA, sau dacă reparațiile nu au fost efectuate de un Centru de Sevice 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 сервис на GARDENA или оторизиран специалист. Същото важи за допълнителните части и принадлежности.

## **EST Tootevastustus**

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

## **LT Atsakomybė už produkciją**

Prašome atkrepti dėmesį, kad remdamiesi „Mašinu saugos“ įstatymu, neatsakome už nuostolius, sukelius mūsų prietaisų, jei jie atsirado dėl netinkamo remonto, arba, jei keičiant dalis, buvo naudojamos neoriginalios GARDENA dalys arba dalys, kurių mes neleidome naudoti, o remontą atliko ne GARDENA serviso centras ar igaliotas 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 neoriginālām GARDENA daļām vai ne ar mūsu norādītājām detalām un remontu nav veicis GARDENA serviss vai pilnvarots speciālists. Tas pats attiecas uz papildinošajām daļām un piederumiem.

<p><b>D EG-Konformitätserklärung</b></p> <p>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><b>H EU azonossági nyilatkozat</b></p> <p>Aulíford, Husqvarna AB, 561 82 Huskvarna, Sweden, igazolja, hogy az alább felsorolt, általunk forgalmazott termékek megfelelnek az EU elvárásoknak, EU biztonsági normáknak és a termékspécifikus szabványoknak egyaránt. A készülék velünk nem egyeztetett változtatása esetén ez a nyilatkozat érvényt veszti.</p>
<p><b>GB EU Declaration of Conformity</b></p> <p>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><b>CZ ES Prohlášení o shodě</b></p> <p>Níže podepsaná společnost Husqvarna AB, 561 82 Huskvarna, Sweden, potvrzuje, že níže označený přístroj v provedení, který jsme uvedli na trh, splňuje požadavky uvedené v harmonizovaných směrnících EU, v bezpečnostních standardech EU a ve standardech pro daný produkt. V případě změny přístroje, která nám nebyla odsouhlasena, ztrácí toto prohlášení platnost.</p>
<p><b>F Certificat de conformité aux directives européennes</b></p> <p>Le constructeur, soussigné : Husqvarna 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 Husqvarna supprime la validité de ce certificat.</p>	<p><b>SK ES Vyhľásenie o zhode</b></p> <p>Dolu podpísaná spoločnosť Husqvarna AB, 561 82 Huskvarna, Sweden, potvrzuje, že ďalej označený prístroj vo vyhotovení nami uvedenom do prevažky spĺňa požiadavky harmonizovaných smerníc EU, bezpečnostných štandardov EU a štandardov špecifických pre produkt. V prípade zmeny prístroja, ktorá nebola nami odsúhlasená, stráca toto vyhľásenie platnosť.</p>
<p><b>NL EU-overeenstemmingsverklaring</b></p> <p>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-sickehetsstandaard en de voor het product specifieke standaard. Bij een niet met ons afgestemde verandering aan het apparaat verliest deze verklaring haar geldigheid.</p>	<p><b>GR Πιστοποιητικό συμφωνίας ΕΚ</b></p> <p>Η υπογεγραμμένη: Husqvarna AB, 561 82 Huskvarna, Sweden πιστοποιεί ότι το μηχανήματα που υποδεικνύονται κάτωθι, όταν φέύγουν από το εργοστάσιο, είναι κατασκευασμένα σύμφωνα με τις οδηγίες της Ευρωπαϊκής Κοινότητας, τα Κοινοτικά πρότυπα ασφαλείας και τις προδιαγραφές. Αυτό το πιστοποιητικό δεν ισχύει σε περίπτωση που τα προΐστανται τροποποιηθούν χωρίς την έγκριση της.</p>
<p><b>S EU Tillverkarintyg</b></p> <p>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><b>SLO Izjava o skladnosti s pravili EU</b></p> <p>Podpisano podjetje, Husqvarna AB, 561 82 Huskvarna, Sweden, potrjuje, da v nadaljevanju navedena naprava v različici, ki smo jo poslali na trž, izpolnjuje zahteve smernic EU, varnostnih standardov EU in standardov tovrstnih proizvodov. Izjava ne velja za spremembe na napravi, ki niso opravljene v soglasju z nami.</p>
<p><b>DK EU Overensstemmelse certifikat</b></p> <p>Undertegnede Husqvarna AB, 561 82 Huskvarna, Sweden bekræfter hermed, at enhederne listet herunder, ved afsendelse fra fabrikken, er i overensstemmelse med harmoniserede EU retningslinjer, EU sikkerhedstandarer og produkt-specifikationsstandarer. Dette certifikat træder ud af kraft hvis enhederne er ændret uden vor godkendelse.</p>	<p><b>RO UE - Certificat de conformitate</b></p> <p>Prin prezenta Husqvarna AB, 561 82 Huskvarna, Sweden, certifica faptul ca, în momentul în care produsele menionate mai jos însăși din fabrică sunt în concordanță cu directivele UE, standardele de siguranță UE și standardele specifice ale produsului UE. Acest certificat devine nul în cazul modificării aparatului fără aprobarea noastră.</p>
<p><b>FIN EY-vaatimustenmukaisuusvakuutus</b></p> <p>Allekirjoitetaan Husqvarna AB, 561 82 Huskvarna, Sweden vakuuttaa, että allamainitut laitteet täytävät tehtaalman lähtiesäänn yhdenmuksittujen EY-direktiivien, EY-turvalisussuuntauksen ja tuotekohtaisen standardien vaatimukset. Laiteesiin tehdyn muutoksen, joista ei ole sovittu kanssamme, johtavat tähän vakuutuksen raukeamiseen.</p>	<p><b>BG ЕС-Декларация за съответствие</b></p> <p>Подписаната фирма Husqvarna AB, 561 82 Huskvarna, Sweden декларира, че описаните поддолу уреди, пуснати в продажба съгласно нашата спецификация, изпълняват изискванията на гармонизираните ЕС-документи, ЕС-стандарти за безопасност и специфични производствени стандарти. При промяна на уреда, която не е съгласувана с нас, тази декларация губи своята валидност.</p>
<p><b>I Dichiarazione di conformità alle norme UE</b></p> <p>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><b>EST ELI vastavusdeklaratsioon</b></p> <p>Allkirjutanu Husqvarna AB, 561 82 Huskvarna, Sweden kinnitat, et kirjeldatud seade vastab meie poolt ringluse viidui kujul ELi harmoniseeritud direktiividile, ELi ohutusstandardele ja tüotega seotud standarditele. Meilega kooskõlastamata muudatusegemise korral seadmel kaotab see deklaratsioon kehtivuse.</p>
<p><b>E Declaración de conformidad de la UE</b></p> <p>El que subscribe 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><b>LT ES Atitikties deklaracija</b></p> <p>Pasišaanti Husqvarna AB, 561 82 Huskvarna, Sweden patvirtina, kad žemiai nurodys prietaisai ir jų modeliai, kuriuos paleidome į apyvartą, patenkina harmonizuotas ES direktyvas, ES saugumo standartus ir specifinius gaminių standartus. Atlikus bet kokią prietaiso pakeitimus, kuris néra suderintas su mumsiems, ši deklaracija paranda galiojimą.</p>
<p><b>P Certificado de conformidade da UE</b></p> <p>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 diretrizes harmonizadas da UE, padrões de segurança e de produtos específicos. Este certificado ficará nulo se a unidade for modificada sem a nossa aprovação.</p>	<p><b>LV ES-atbilstības deklarācija</b></p> <p>Parakstījusies Husqvarna AB, 561 82 Huskvarna, Sweden, Vācija apstiprina, ka sekotā apzīmētā iekārtas, kurās mēs izplatām, savā izpildījumā atbilst harmonizētajā ES direktīvām, ES drošības standartiem un produkta specifikācijām standartiem. Ar mūsu neapstiprinātām izmaiņām iekārtā šī deklarācija zaudē savu derīgumu.</p>
<p><b>PL Deklaracja zgodności Unii Europejskiej</b></p> <p>Níżej podpisany Husqvarna AB, 561 82 Huskvarna, Sweden, potwierdza, że ponizej opisane urządzenia w wykonyaniu wprowadzonym przez nas do obrotu spełnia wymogi zharmonizowanych wytycznych Unii Europejskiej, standardów bezpieczeństwa Unii Europejskiej i standardów specyficznych dla danego produktu. W przypadku wprowadzenia zmian nie uzgodnionych z nami wyjaśnienie to traci swoją ważność.</p>	

Bezeichnung des Gerätes:	Bodenfeuchtesensor	Anbringungsjahr der CE-Kennzeichnung:	CE bejegyzés kelte:
Description of the unit:	Soil Moisture Sensor	Year of CE marking:	Rok přidělení značky CE:
Désignation du matériel :	Sonde d'humidité	Date d'apposition du marquage CE :	Rok pridelenia označenia CE:
Omschrijving van het apparaat:	Bodemvochtigheidssensor	Installatiejaar van de CE-aanduiding:	Έτος πιστοποίησης CE:
Produktbeskrivning:	Fuktighetsmätare	CE-Märkningsår:	Leto namestiteve oznake CE:
Beskrivelse af enhederne:	Fugtighedssensor	CE-Mærkningsår:	Anul de marcarea CE:
Laitteiden nimitys:	Kosteusanturi	CE-merkin kiinnitysvuosi:	Година на поставяне на CE-маркировка:
Descrizione del prodotto:	Tester di umidità	Anno di rilascio della certificazione CE:	CE-märgistuse paigaldamise aasta:
Descripción de la mercancía:	Sensor de humedad	Colocación del distintivo CE:	CE-markējuma uzlikšanas gads:
Descrição do aparelho:	Sensor de humidade do solo	Ano de marcação pela CE:	Metai, kuriaiš paženklinta CE-ženklu:
Opis urządzeń:	Czujnik wilgotności	Rok nadania znaku CE:	2006
A készülék megnevezése:	Érzékelő		
Oznáčení přístroje:	Čidlo půdní vlhkosti		
Označenie prístroja:	Čidlo pôdnej vlhkosti		
Ονομασία της συσκευής:	Υγραισόμετρο		
Oznaka naprave:	Senzor vlažnosti tal		
Descrierea articolelor:	Senzor de umiditate a solului		
Обозначение на уредите:	Сензор за влага на почвата		
Seadmete nimetus:	Pinnaseniiskusandur		
Gaminio pavadinimas:	Dirvožemio drėgmės jutiklis		
Iekārtu apzīmējums:	Augsnes mitruma sensors		
Type:	Art.-Nr.:	Típusok:	Cikkszám:
Type:	Art. No.:	Typ:	Č.výr.:
Type :	Référence :	Typ:	Č.výr.:
Type:	Art. nr.:	Tύπος:	Κωδ. No.:
Type:	Art.nr.:	Tip:	Št. art.:
Type:	Varenr.:	Tipuri:	Nr art.:
Typpit:	Art.-n:o. :	Tipove:	Apt.-Nr.:
Modello:	Art. :	Tüübidi:	Toote nr.:
Tipo:	Art. Nº:	Tipas:	Gaminio Nr.:
Tipo:	Art. N°:	Tipi:	Art.-Nr.:
Typ:	Nr art.:		1188
EU-Richtlinien:			
EU directives:	EU szabványok:		
Directives européennes :	Směrnice EU:		
EU-richtlijnen:	Smernice EU:		
EU direktiv:	Προδιαγράφεις EK:		
EU Retningslinier:	Smernice EU:		
EY-direktiivit:	Directive UE:		
Direktive UE:	EC-direktiivi:		
Normativa UE:	ELi direktiivid:		
Directrices da UE:	ES direktivos:		
Dyrektwy UE:	ES-direktīvas:		
	2004/108/EC		
Harmonisierte EN	EN 55014-1:09/02		
Fernbedienung:	EN 55014-2:08/02		
Hinterlegte Dokumentation:	GARDENA Technische Dokumentation E. Renn 89079 Ulm		
Deposited Documentation:	GARDENA Technical Documentation E. Renn 89079 Ulm		
Documentation déposée :	Documentation technique GARDENA E. Renn 89079 Ulm		

Peter Lameli  
R & D Director

<b>Deutschland / Germany</b>	<b>China</b>	<b>Georgia</b>	<b>Mexico</b>	<b>Slovak Republic</b>
GARDENA GmbH Central Service Hans-Lorenser-Straße 40 D-89079 Ulm Produktfragen: (+49) 731 490 - 123 Reparaturen: (+49) 731 490 - 290 service@gardena.com	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	ALD Group Bejashvili 8 1159 Tbilisi	AFOSA Av. Lopez Mateos Sur # 5019 Col. La Calma 45070 Zapopan, Jalisco México Phone: (+52) 33 3818-3434 icorrejo@afosa.com.mx	Husqvarna Česko s.r.o. Tříkruhova 2319/5b 149 00 Praha 4 – Chodov Bezplatná infolinie: 800 154 044 servis@husqvarna.com
<b>Albania</b>	<b>Colombia</b>	<b>Great Britain</b>	<b>Moldova</b>	<b>Slovenia</b>
COBALT Sh.p.k. Rr. Sir Kodra 1000 Tirana	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	Husqvarna UK Ltd Preston Road Aycliffe Industrial Park Newton Aycliffe County Durham DL5 6UP info.gardena@ husqvarna.co.uk	Convel S.R.L. 2900 Muncestri Str. 2002 Chisinau	Husqvarna Austria GmbH Consumer Products Industriezelle 36 4010 Linz Tel: (+43) 732 77 01 01 - 90 consumer.service@ husqvarna.at
<b>Argentina</b>	<b>Costa Rica</b>	<b>Greece</b>	<b>Netherlands</b>	<b>South Africa</b>
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	Compañía Exim Euroiberocamerica 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	HUSQVARNA ΕΛΛΑΣ Α.Ε.Β.Ε. Υπ/μα Ηράκλειον 33A Bl. Πτ. Κορηπού 194 00 Κορηπού Αττικής V.A.T. EL094094640 Phone: (+30) 210 66 22 025 info@husqvarna-consumer.gr	GARDENA Nederland B.V. Postbus 50176 1305 AD ALMERE Phone: (+31) 36 521 00 00 info@gardena.nl	Husqvarna South Africa (Pty) Ltd Postnet Suite 250 Private Bag X6, Cascades, 3202 South Africa Phone: (+27) 33 846 9700 info@gardena.co.za
<b>Armenia</b>	<b>Croatia</b>	<b>Hungary</b>	<b>Neth. Antilles</b>	<b>Spain</b>
Garden Land Ltd. 61 Tigran Mets 0005 Yerevan	SILK ADRIAS d.o.o. Josipa Lončara 3 10090 Zagreb Phone: (+385) 1 3794 580 silk.adria@zg-t.com.hr	Husqvarna Magyarország Kft. Ezred u. 1-3 1044 Budapest Telefon: (+36) 1 251-4161 vevosozigalat.husqvarna@ husqvarna.hu	Jonka Enterprises N.V. Sta. Rosa Weg 196 P.O. Box 8200 Curaçao Phone: (+59) 9 767 6655 pjm@jonka.com	Husqvarna España S.A. C/Basauri, nº 6 La Florida 28023 Madrid Phone: (+34) 91 708 05 00 atencioncliente@gardena.es
<b>Australia</b>	<b>Cyprus</b>	<b>Iceland</b>	<b>New Zealand</b>	<b>Suriname</b>
Husqvarna Australia Pty. Ltd. Locked Bag 5 Central Coast BC NSW 2252 Phone: (+61) 02 4352 7400 customer.service@ husqvarna.com.au	Med Marketing 17 Digeni Akriti Ave P.O. Box 27017 1641 Nicosia	O. Johnson & Kaaber Tunguhalli 1 110 Reykjavik ooj@jk.is	GARDENA Husqvarna New Zealand Ltd. PO Box 76-437 Manukau City 2241 Phone: (+64) 9 9202410 support.nz@husqvarna.co.nz	Agrofri n.v. Verlengde Hogestraat #22 Phone: (+597) 472426 agrofri@sr.net Pobox : 2006 Paramaribo Suriname – South America
<b>Austria / Österreich</b>	<b>Czech Republic</b>	<b>Ireland</b>	<b>Norway</b>	<b>Sweden</b>
Husqvarna Austria GmbH Consumer Products Industriezelle 36 4010 Linz Tel.: (+43) 732 77 01 01 - 90 consumer.service@ husqvarna.at	Husqvarna Česko s.r.o. Tříkruhova 2319/5b 149 00 Praha 4 – Chodov Bezplatná infolinie: 800 100 425 servis@cz.husqvarna.com	Husqvarna UK Ltd Preston Road Aycliffe Industrial Park Newton Aycliffe County Durham DL5 6UP info.gardena@ husqvarna.co.uk	Husqvarna Consumer Outdoor Products Salgsakademiene Norge Kleverveien 6 1540 Vestby info@gardena.no	Husqvarna AB S-561 82 Husqvarna info@gardena.se
<b>Azerbaijan</b>	<b>Denmark</b>	<b>Italy</b>	<b>Peru</b>	<b>Switzerland / Schweiz</b>
Firm Progress a. Aliyev Str. 26A 1052 Bakú	GARDENA / Husqvarna Consumer Outdoor Products Salgsakademiene Danmark Box 9003 S-200 39 Malmö info@gardena.dk	Husqvarna Italia S.p.A. Via Com 72 23868 VALMADRERA (LC) Phone: (+39) 0341.203.111 info@gardenaitalia.it	Husqvarna Perú S.A. Jr. Ramón Cárcamo 710 Lima 1 Tel: (+51) 1 3320400 ext. 416 juan.remuzgo@ husqvarna.com	Husqvarna Schweiz AG Consumer Products Industriestrasse 10 5506 Mägenwil Phone: (+41) 0 848 800 464 info@gardena.ch
<b>Belgium</b>	<b>Dominican Republic</b>	<b>Japan</b>	<b>Poland</b>	<b>Turkey</b>
GARDENA Belgium NV / SA Sterrebeekstraat 163 1930 Zaventem Phone: (+32) 2 72 70 92 12 Mail: info@gardena.be	BOSQUEUSA, S.R.L. Carretera Santiago Licey Km. ½ Esquina Copal II. Santiago, Dominican Republic Phone: (+809) 736-0333 joserbosquesa@claro.net.do	KAKUCHI Co. Ltd. Sumitomo Realty & Development Koijimachi BLDG., 8F 5-1 Nibancyo Chiyoda-ku Tokyo 100-0084 Phone: (+81) 33 264 4721 m_ishihara@kaku-ichi.co.jp	Husqvarna Poland Spółka z o.o. ul. Wysociego 15 b 03-371 Warszawa Phone: (+48) 22 330 96 00 gardena@husqvarna.com.pl	GARDENA Dost Dış Ticaret Mümmesilikli A.Ş. Sanayi Çadı. Adil Sokak No: 1/B Kartal 34873 İstanbul Phone: (+90) 216 38 93 939 info@gardena-dost.com.tr
<b>Bosnia / Herzegovina</b>	<b>Ecuador</b>	<b>Kazakhstan</b>	<b>Portugal</b>	<b>Ukraine / Україна</b>
SILK TRADE d.o.o. Industriskaza zona Bukva bb 74260 Tešanj	Husqvarna Ecuador S.A. Arupos E1-181 y 10 de Agosto Quito, Pichincha Tel. (+593) 22800739 francisco.jacome@ husqvarna.com.ec	LAMED Ltd. 155/1, Tazhibayevi Str. 050060 Almaty IP Schmidt Abayavenue 3B 11 005 Kostanay	Husqvarna Portugal, SA Lagoa - Albarraque 2635 - 595 Rio de Mouro Tel.: (+351) 21 922 85 30 Fax: (+351) 21 922 85 36 info@gardena.pt	TOB «Україна Україна» вул. Васильківська, 34, офіс 204-т 03022, Київ Tel.: (+38) 044 498 39 02 info@gardena.ua
<b>Brazil</b>	<b>Estonia</b>	<b>Kyrgyzstan</b>	<b>Romania</b>	<b>Uruguay</b>
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	Husqvarna Eesti OÜ Consumer Outdoor Products Kesti tee 10, Aaviku kula Rae vald Harju maakond 75305 Estonia kontakt@eihu.husqvarna.ee	Alye Maki av. Moladaya Guardir J 3 720014 Bishkek	Madex International Srl Soseaua Odaii 117 - 123, RO 013603 Bucuresti, S 1 Phone: (+40) 21 352.76.03 madex@ines.ro	FELI SA Entre Ríos 1083 CP 11800 Montevideo – Uruguay Tel: (+598) 22 03 18 44 info@felisa.com.uy
<b>Bulgaria</b>	<b>Finland</b>	<b>Latvia</b>	<b>Russia</b>	<b>Venezuela</b>
Хускварна България ЕООД Бул. „Андрей Ляпчев“ № 72 1799 София Тел.: (+359) 02/97 5076 www.husqvarna.bg	Oy Husqvarna Ab Consumer Outdoor Products Lauttaranhanttu 8 B / PL 3 00581 HELSINKI info@gardena.fi	Husqvarna Latvija Consumer Outdoor Products Bāķūlu iela 6 LV-1024 Rīga info@husqvarna.lv	OOO „Хускварна“ 141400, Московская обл., г. Химки, улица Ленинградская, владение 39, стр.6 Бизнес Центр „Химки Бизнес Парк“, помещение ОВ02_04	Corporación Casa y Jardín C.A. Av. Caroni, Edif. Trezmen, PB. Colinas de Bello Monte, 1050 Caracas. Tlf: (+58) 212 992 33 22 info@casayjardin.net.ve
<b>Canada / USA</b>	<b>Finland</b>	<b>Lithuania</b>	<b>Serbia</b>	
GARDENA Canada Ltd. 100 Summerlea Road Brampton, Ontario L6T 4X3 Phone: (+1) 905 792 9330 info@gardena-canada.com	Oy Husqvarna Ab Consumer Outdoor Products Immeuble Exposial 9-11 allée des Pierres Mayettes ZAC des Barbanières, B.P. 99 -F- 92232 GENNEVILLIERS cedex	UAB Husqvarna Lietuva Consumer Outdoor Products Ateities pl. 77 C LT-52104 Kaunas centras@husqvarna.lt	Domet d.o.o. Autoput za Novi Sad bb 11273 Belgrade Phone: (+381) 118 48 88 12 miroslav.jejina@domet.rs	
<b>Chile</b>	<b>France</b>	<b>Luxembourg</b>	<b>Singapore</b>	
Maquinarias Agroforestales Ltda. (Maga Ltda.) Santiago, Chile Avda. Chesterton # 8355 comuna Las Condes Phone: (+56) 2 202 4417 Dalton@maga.cl Zipcode: 7560330	GARDENA France Immeuble Exposial 9-11 allée des Pierres Mayettes ZAC des Barbanières, B.P. 99 -F- 92232 GENNEVILLIERS cedex	Jules Neuberg 39, rue Jacques Stas Luxembourg-Gasperich 2549 Case Postale No. 12 Luxembourg 2010 Phone: (+352) 40 14 01 api@neuberg.lu	Hy-Ray PRIVATE LIMITED 40 Jalan Pemimpin #02-08 Tat Ann Building Singapore 577185 Phone: (+65) 6253 2277 shiyling@hyray.com.sg	1188-20.960.08/0213 © GARDENA Manufacturing GmbH D-89070 Ulm http://www.gardena.com
<b>Temuco, Chile</b>	<b>Avda. Valparaíso # 01466</b>			
Avda. Valparaíso # 01466 Phone: (+56) 45 222 126 Zipcode: 4780441	Tél. (+33) 01 40 85 30 40 service.consummateurs@ gardena.fr			