

Art. 1741

<b>D Betriebsanleitung</b> Trockenlaufsicherung	<b>SK Návod na obsluhu</b> Poistka proti chodu nasucho
<b>GB Operating Instructions</b> Dry-Running Safety	<b>GR Οδηγίες χρήσης</b> Συσκευή ασφάλειας κατά στεγνής λειτουργίας
<b>F Mode d'emploi</b> Sécurité manque d'eau	<b>RUS Инструкция по эксплуатации</b> Защита от работы всухую
<b>NL Gebruiksaanwijzing</b> Droogloopbeveiliging	<b>SLO Navodilo za uporabo</b> Varovalka pred suhim delovanjem
<b>S Bruksanvisning</b> Torrkörningsskydd	<b>HR Upute za uporabu</b> Zaštita od rada na suho
<b>DK Brugsanvisning</b> Tørlobssikring	<b>SRB Uputstvo za rad</b> BIH Zaštita od rada na suvo
<b>FI Käyttöohje</b> Kuivakäyntisuoja	<b>UA Інструкція з експлуатації</b> Реле захисту від "сухого ходу"
<b>N Bruksanvisning</b> Tørkjøringssikring	<b>RO Instrucțiuni de utilizare</b> Siguranța de mers în gol
<b>I Istruzioni per l'uso</b> Dispositivo di sicurezza per il funzionamento a secco	<b>TR Kullanma Kılavuzu</b> Kuru Çalışma Güvenliği
<b>E Instrucciones de empleo</b> Seguro de bombeo en vacío	<b>BG Инструкция за експлоатация</b> Предпазител за помпа срещу работа на сухо
<b>P Manual de instruções</b> Stop anti-retorno	<b>AL Manual përdorimi</b> Galexhant
<b>PL Instrukcja obsługi</b> Zabezpieczenie przed pracą „na sucho“	<b>EST Kasutusjuhend</b> Kuivkäigu kaitse
<b>H Használati utasítás</b> Szárüzem elleni biztosítás	<b>LT Eksploatavimo instrukcija</b> Sauso veikimo apsauga
<b>CZ Návod k obsluze</b> Pojistka chodu nasucho	<b>LV Lietošanas instrukcija</b> Aizsardzības pret darbību bez ūdens

**D** → Beim Lesen der Betriebsanleitung die Umschlagseite herausklappen.

**GB** → Unfold inside illustrated cover page when reading the operating instructions.

**F** → Dépliez le 2ème volet de la couverture pour avoir les illustrations sous les yeux pendant la lecture du mode d'emploi.

**NL** → Bij het lezen van de gebruiksaanwijzing de bladzijde met de afbeeldingen uitklappen.

**S** → Ha omslaget utvikt mår Du läser bruksanvisningen.

**DK** → Fold omslagets side ud, når De læser brugsanvisningen.

**FI** → Lukiessasi käyttöohjetta käännä kansilehti auki.

**N** → Fold ut omslagssiden for å lese driftsinstruksen.

**I** → Nel consultare le istruzioni aprite il pieghevole per avere sott'occhio i disegni esplicativi.

**E** → Durante le lectura, rogamos desdoble la cubierta.

**P** → Durante a leitura deste manual desdobre a pagina ilustrada.

**PL** → W celu przeczytania instrukcji eksploatacji odchylić okładkę.

**H** → Az üzemeltetési utasítás olvasásánál hajtsa ki a borítólapot.

**CZ** → Při čtení provozního návodu vyklopit stránku obalu.

**SK** → Pri čítaní tohto návodu na obsluhu odklopte záložku.

**GR** → Κατά την ανάγνωση των οδηγιών χρήσης ξεδιπλώστε το εξώφυλλο.

**RUS** → При чтении инструкции по эксплуатации разверните страницу обложки.

**SLO** → Pri branju navodil za uporabo odprite tudi zavihek.

**HR** → Pri čitanju uputa za uporabu otklopite stranicu omota.

**SRB/BIH** → Čitajte ovo uputstvo za rad držeći korice sa ilustracijama rasklopljene.

**UA** → Для читання інструкції з експлуатації розгорніть обкладинку.

**RO** → Pentru citirea instrucțiunilor de utilizare, deschideți pagina de copertă.

**TR** → İşletim kılavuzunu okurken katlanır sayfayı açınız.

**BG** → При четене на инструкцията за експлоатация разтворете вътрешната заглавна страница.

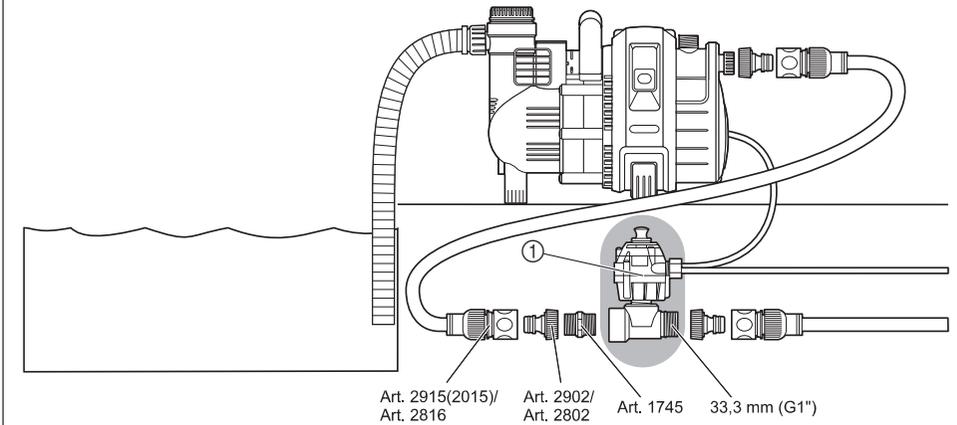
**AL** → Gjatë leximit të manualit paloseni kopertinën.

**EST** → Kasutusjuhendi lugemisel avage kokkuvolditud lehekülg.

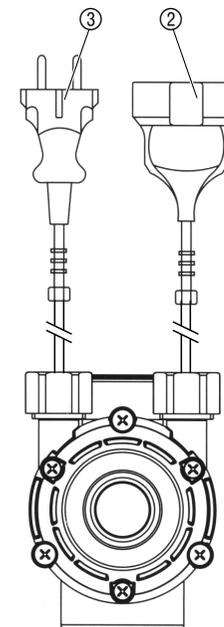
**LT** → Skaitydami eksploavavimo instrukciją, atlenkite atlenkiamąjį puslapį.

**LV** → Lasot lietošanas instrukciju, atveriet aimugurējo lappusi.

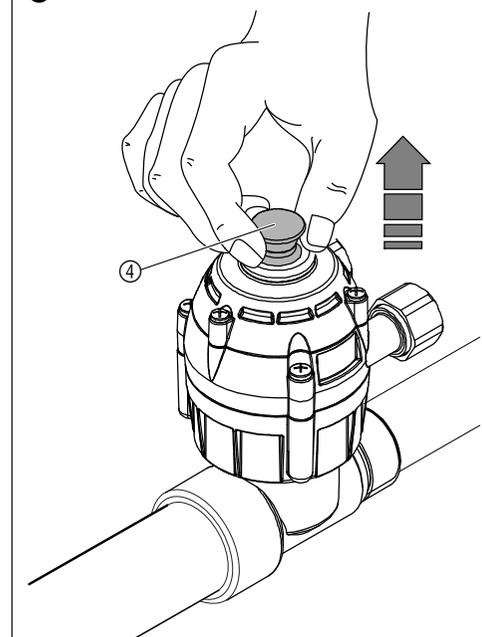
**A**



**B**



**C**



# GARDENA Dry-Running Safety

## Translation of the original German operating instructions.



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



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

→ Keep these operating instructions in a safe place.

## 1. Area of application of your GARDENA Dry-Running Safety

### Proper use as directed:

The Dry-Running Safety is an electromechanical appliance which automatically switches off the electric pump when there is no liquid to pump, thus it protects the pump from damage caused by dry-running operation. It can be used in conjunction with all 230 V/50/60 Hz garden pumps, pressure tank units and submersible pressure pumps which have been designed for private use around your house and garden. These pumps are predominantly used for operating watering equipment and systems in private gardens.

These operating instructions must be followed for proper use of the Dry-Running Safety.

### Please note:

The minimum water pressure which is necessary for the function of the Dry-Running Safety is 0.8 bar. So the Dry-Running Safety is not suited for use in conjunction with pumps with an operating pressure of less than 0.8 bar (slightly close attached device, if any).

The Dry-Running Safety does not protect the pump against damages caused by a closed delivery side (e.g. closed valve, closed output, etc.).

→ Do not allow the pump to run for more than 10 minutes against the closed pressure side.

## 2. Safety instructions

The use of the Dry-Running Safety in connection with a pump nearby swimming pools and garden ponds and other similar places is only permissible if it is operated via a residual current-operated-circuit-breaker (RCD) with a nominal residual current  $\leq 30$  mA.

The pump must be located on solid, even ground, protected from flooding. A residual-current circuit breaker can be used for additional safety.

Only use extension cables authorised in accordance with HD 516.

→ Consult your qualified electrician.

In Austria, according to ÖVE B/ EN 60 555 part 1 to 3, pumps which are used in swimming pools and garden ponds (even if used with a dry-running safety device), and equipped with firm power cable should be fed via an ÖVE approved isolating transformer – rated voltage must not exceed 230 V.

In Switzerland mobile appliances which are used outdoors, must be connected via a residual-current device.

Make sure that connections are done in areas protected from floodings.

Before using the appliance, first always make a visual check if there is any damage (esp. regarding power cable and plug). A damaged appliance must not be used. The cable cannot be replaced. If the cable is damaged, the unit must be exchanged. In case of damage, please have the Dry-Running Safety checked by our GARDENA Service Centre or by an authorised electrician.

Check supply voltage. The Dry-Running Safety must only be operated with 230 V/50/60 Hz. The max. current should not exceed 10 A. Observe data indicated on the type plate of your pump.

## 3. Initial Operation

The Dry-Running Safety must be installed in the length of the pressure hose. The flow direction may be freely chosen.

- Fig. A:** Install the Dry-Running Safety ① via the GARDENA Pump Fitting Art. 1745 in the length of the pressure hose.
- Fig. B:** Plug the mains plug of the pump into the female plug ② of the Dry-Running Safety. Plug the mains plug of the Dry-Running Safety ③ into a 230 V power socket.

## 4. Operation

Only when the operating button ④ is pulled out, is the pump connected to the mains. When the pump no longer delivers (dry-running), the operating button automatically falls back and the pump is disconnected from the mains.

- Fig. C:** Pull out the operating button ④ by hand up to the stop and hold.
- Switch on the pump.
- When the pump delivers, let go of the operating button ④.  
*For the duration of delivery, the operating button remains pulled out by the water pressure.*

The procedure above is required for every activation of the pump.

The Dry-Running Safety can therefore not be used with an automatically operated pump (e.g. using a time switch).

## 5. Putting into Storage



### 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.

## 6. 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.

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

If you have any problems with this product, please contact our Service or return the defective unit together with a short description of the problem – in case of guarantee, with a copy of the receipt – postage paid to one of the GARDENA Service Centres listed on the back of this leaflet.

<p><b>D Produkthaftung</b> 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 originale GARDENA Teile oder von uns freigegebene Teile verwendet wurden und die Reparatur nicht vom GARDENA Service oder dem autorisierten Fachmann durchgeführt wird. Entsprechendes gilt für Ergänzungssteile und Zubehör.</p>
<p><b>GB Product Liability</b> 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><b>F Responsabilité</b> 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>
<p><b>NL Productaansprakelijkheid</b> 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.</p>
<p><b>S Produktansvar</b> 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.</p>
<p><b>DK Produktansvar</b> Vi gør udtrykkeligt opmærksom på, at vi i henhold til produktansvarsloven ikke er ansvarlige for skader forårsaget af vores udstyr, såfremt det sker på grund af 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.</p>
<p><b>FI Tuotevastuu</b> 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 hyväksymiämme osia ja korjauksen on suorittanut muu kuin GARDENA-huoltokeskus tai valtuuttamamme ammattihenkilö. Tämä pätee myös lisäosiin ja lisävarusteisiin.</p>
<p><b>I Responsabilità del prodotto</b> 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.</p>
<p><b>E Responsabilidad de productos</b> 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 no 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>
<p><b>P Responsabilidade sobre o produto</b> Queremos salientar que segundo a lei da responsabilidade do fabricante, nós não nos responsabilizaremos por danos causados pelo nosso equipamento, quando estes ocorrerem em decorrência de reparações inadequadas ou da substituição de peças por peças não originais da GARDENA, ou peças não autorizadas. A responsabilidade tornar-se-à nula também depois de reparações realizadas por oficinas não autorizadas pela GARDENA. Esta restrição valerá também para peças adicionais e acessórios.</p>

<p><b>PL Odpowiedzialność za produkt</b> Zwracamy Państwa uwagę, że nie ponosimy odpowiedzialności za uszkodzenia naszych maszyn, bądź szkody spowodowane ich 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 uzupełniających i oprzyrządowania.</p>
<p><b>H Termékszavatosság</b> Nyomatékosan utalunk arra a tényre, hogy a termékszavatossági törvény szerint nem kell jótállást vállalnunk azokra a károokra, amelyeket nem a mi készülékeink okoztak, ha ezeket szakszerűtlen javítás okozta vagy egy alkatrész kicserélésénél nem a mi eredeti GARDENA alkatrészeinket vagy általunk engedélyezett alkatrészeket használtak fel és a javítást nem a GARDENA szerviz vagy egy erre felhatalmazott szakember végezte. Hasonlóképpen érvényes ez a kiegészítő alkatrészekre és tartozékokra is.</p>
<p><b>CZ Odpovědnost za výrobek</b> Výslovně upozorňujeme na to, že podle zákona o odpovědnosti za výrobek neneseme odpovědnost za škody způsobené našimi přístroji, pokud byly způsobené neodbornou opravou nebo použitím jiných než našich originálních náhradních dílů GARDENA nebo námi schválených dílů a neprovedením opravy servisem GARDENA nebo autorizovaným odborníkem. Odpovídající platí i pro doplňkové díly a příslušenství.</p>
<p><b>SK Predmet záruky</b> Upozorňujeme dôrazne na to, že podľa zákona o poskytovaní záruk nezodpovedáme za škody spôsobené našimi výrobkami, v prípade, že boli boli vyvolané neodbornými opravami, výmenou dielcov, ktoré nepatria k originálnym dielom GARDENA alebo neboli nami schválené a rovnako boli spôsobené servisnými zásahmi, ktoré neboli vykonané servisom GARDENA alebo autorizovaným odborníkom. Rovnako to platí pre doplnky a príslušenstvo.</p>
<p><b>GR Ευθύνη για το προϊόν</b> Σας υπενθυμίζουμε ρητά, ότι σύμφωνα με το νόμο περί ευθύνης για τα προϊόντα δεν ευθυνόμαστε για ενδεχόμενες βλάβες που προκαλούνται από τις συσκευές μας, εφόσον οφείλονται σε μία ακατάλληλη επισκευή ή σε μία αντικατάσταση τμημάτων για την οποία δεν έχουν χρησιμοποιηθεί τα πρωτότυπα ανταλλακτικά της GARDENA ή τα από μας εγκεκριμένα ανταλλακτικά και σε περίπτωση που δεν εκτελείται η επισκευή από το Τμήμα Εξυπηρέτησης Πελατών της GARDENA ή από έναν εξουσιοδοτημένο εξειδικευμένο τεχνίτη. Το ίδιο ισχύει για εξαρτήματα και συμπληρωματικά τμήματα.</p>
<p><b>SLD Jamstvo za izdelek</b> Pismo poudarjamo, da po zakonu jamstva za izdelek nismo odgovorni za škodo, ki bi nastala zaradi uporabe našega izdelka, prav tako tudi ne za škodo ki bi nastala zaradi nepravilnega popravila izdelka ali pri napačni zamenjavi delov, ki niso originalni deli GARDENA ali pri uporabi z naše strani potrjenih delov, ki pa niso bili vgrajeni v servisu GARDENA ali v naši pooblaščenih servisni službi. Enako velja tudi za nadomestne dele in opremo.</p>
<p><b>RO Responsabilitatea legala a produsului</b> Menționăm în mod expres că, în concordanță cu responsabilitatea legala 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 aprobate de GARDENA, sau dacă reparațiile nu au fost efectuate de un Centru de Service GARDENA sau un specialist autorizat. Aceleași prevederi se aplică și pieselor de schimb și accesoriilor.</p>
<p><b>BG Отговорност за качество</b> 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 сервиз на GARDENA или оторизиран специалист. Същото важи за допълнителните части и принадлежности.</p>
<p><b>EST Tootevastutus</b> Juhime teie tähelepanu sellele, et tootevastutusseaduse kohaselt ei vastuta me meie seadmete poolt põhjustatud kahjude eest, kui need on tekkinud asjatundmatu paranduse tagajärjel või kui detaili vahetamisel ei kasutatud GARDENA originaalvaruosid ega meie poolt kasutada lubatud varuosid ja kui parandustööd ei ole teinud GARDENA klienditeenindusspetsialistid ega meie volitatud spetsialistid. Sama kehtib lisadetailide ja tarvikute kohta.</p>
<p><b>LT Atsakomybė už produkciją</b> Nurodome, kad remdamiesi Atsakomybės už produkciją įstatymu, neatsakome už nuostolius, sukeltus mūsų prietaisų, jei jie atsirado dėl netinkamo remonto, arba, jei keičiant dalis, buvo naudojami neoriginalios GARDENA dalys arba dalys, kurių mes neleidome naudoti, o remontą atliko ne GARDENA servisas arba neįgaliotasis specialistas. Tas pats galioja papildomoms dalims ir priedams.</p>
<p><b>LV Produkta atbildība</b> 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 neoriģinālām GARDENA daļām vai ne ar mūsu norādītajām detaļām un remontu nav veicis GARDENA serviss vai pilnvarots speciālists. Tas pats attiecas uz papildinošajām daļām un piederumiem.</p>



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1741-20.960.08/0212

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