Clever watering systems.

Every drop counts.



gardena.com/uk

Every drop counts



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GARDENA Multi-Channel Control

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GARDENA Multi-Channel Control

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Say goodbye to chores. Say hello to relaxing in your garden

Is this a familiar story? Do you often find that people tell you all about their garden and the huge amount of joy and relaxation it brings them?

This is what you dream of too: having a green oasis. But: You seem to spend all your time watering your garden.

We'll show you where and how automatic irrigation works and how easy it is to devise your own customised solution to absolve yourself of your watering duties. Regardless if it's watering your balcony, terrace or in different areas of your garden. All thanks to intelligent irrigation solutions

A beautiful lawn

A beautiful lawn can be quite challenging: It needs regular cutting, some fertiliser every now and then, and sufficient water. This goes without saying. Because obviously a lawn will not be healthy if you do not look after it, which means that sprinklers and lawnmowers play a vital role when it comes to tending your lawn. Good irrigation is the elixir of life for the lawn in hot summers. However, this means one thing for you: watering, watering and more watering. Unless, that is, you treat yourself and your light-seeking, sun-seeking grass to an automatic irrigation solution. Both of you will reap the benefits: you and your lawn.

Healthy plants

If flowers could speak, they would ask for automatic irrigation. Hedges, vegetables or other plants would say the same. Why? Because semi-automatic or fully-automatic irrigation systems allow for the individual watering of plants that does not waste water and always dispenses the right amount of water right when the plants need it, and we mean always, even if nobody is there. Plants will only become vibrant and strong if they are looked after by gardening enthusiasts. But clever watering also plays a key role here.

Conserving resources

Every drop counts.

Using water efficiently is not only great for the family coffers, but is particularly good for the environment. Therefore, it is worth taking a closer look at how we water our garden: When do I water it? How do I water it? Can I rely on rain or ground water? What changes can I make so that I can water my garden in a smarter way to reduce my water consumption? Using useful irrigation systems properly can help you to significantly reduce the amount of water you consume. Simply get your hands on whatever you need now to provide your garden with optimal irrigation solutions, and then make flexible changes to the system later should your needs change. Through the "Every Drop Counts" initiative, we are committing ourselves to saving water and to providing our gardens with sustainable solutions.



More time to relax

Automatic irrigation will free up time to sit back and enjoy your garden in summer: If the system is well-planned and installed, you can relax as the water flows. Simply choose what's best for you, your garden and your needs. For example, for your flowerbeds or vegetable beds, for your lawn, terrace plants, or your balcony. It goes without saying that you can also combine various areas of your garden that need watering. The smart system app conveniently allows you to monitor and plan how your garden is watered - via your smartphone from any location. The GARDENA smart system is also compatible with some smart home systems, which can be used to control it. You can find an up-to-date overview on our website at gardena.com/smart. Smart systems are an even more convenient way of controlling irrigation.

GARDENA irrigation solutions

At a glance



HEDGES AND ROWS OF PLANTS

Always at the source: Drip irrigation lines provide a permanent water supply to hedges, borders or rows of plants. Page 18

WATER CONTROL – AT THE TAP The control system is fitted straight to the tap and the automatic irrigation process starts in no time at all. Page 32

BEDS

Works simply and like clockwork: Irrigation for rows of plants, such as seedlings. Page 16

TERRACES AND BALCONIES

Automatically water flower pots and flower boxes. Great for every day and for when you're on holiday. Page 14

WATER YOUR PLANTS WITHOUT WATER OR POWER SUPPLY The water is pumped from the bucket via pump.

Page 10

Irrigation without water and power supply

Holiday and Balcony Watering

With the GARDENA independent watering solutions, watering your plants indoor, on your balcony or terrace becomes a carefree task. Is it the case that you do not have a tap on your balcony or on your terrace? Or is it more that you do not want to connect to the water supply? In this case, there is both, a solution for indoor and outdoor plants. All you need is a power socket. Or is it the case that on your balcony or terrace there is no tap and no power socket? The new solar-powered AquaBloom nourishes your plants and flowers without a cable, a tap or a plug. It keeps as many as 20 balcony and terrace plants blooming when you're away. Plant care for when you're not there.

Plant care for when you're not there.

Water flows even without a connected water supply

AquaBloom Set





For up to 20 balcony and terrace plants

- No tap connection needed.
- No mains power needed.
- Solar-powered: tapless and plugless.
- 3in1 main unit (pump, control unit, solar panel).
- 14 pre-set irrigation programmes.





Overview of the Micro-Drip-System

And off you go!

From now on, the Micro-Drip-System can water your plants! The system is a modular, extendible system for water-saving, targeted irrigation of your garden, on the terrace or the balcony. Ideal for flower pots, troughs, vegetable patches and flower beds, as well as hedges and shrubs. The patented Quick&Easy connection technology ensures a durable, water-tight connection and enables the Micro-Drip-System to be quickly and easily installed and converted.

The Micro-Drip system can therefore be tailored to any garden or balcony. For drip heads, drip irrigation lines and spray nozzles, the Micro-Drip-System connection technology means that you can combine all system components.



Berry bushes



How to free yourself from the burden of watering your garden

々OWER PO

Micro-Drip-System for flower pots

You might just have to get used to having free time first. However, the Micro-Drip-System is simply always on hand when it comes to reliably watering geraniums, verbenas, petunias, herbs and all the other plants around the home. Ultimately, the growing and flowering season extends from spring into autumn. The Micro-Drip-System is as simple as it is ingenious.

The best time to let something else do the hard work is now!

Drip heads are ideal for watering flower pots and plants on your balcony. Endline drip heads are suitable for watering individual standing flower pots. If you are planting plant troughs or flower boxes, then use inline drip heads. Simply come up with your individual solution.

Features of drip heads



Ideal water supply Either constant or adjustable water flow.



Reliable water supply Constant water flow across the entire system. Thanks to pressure equalisation in the drip heads. Where there is a longer row of plants or water needs to reach a second row of highly-positioned balcony boxes, it guarantees that all plants are consistently watered.



No calcification Self cleaning – a labyrinth technology in the drip head prevents limescale.



Efficient solution

Saves water, because the drip head self-closes when the power is turned off and does not leak afterwards.

Types of drip heads

Inline Drip Head

Fitted between the pipeline. They are particularly suited to plant troughs and flower boxes.



Endline Drip Head

Fitted to the end of the pipe. They are particularly suited to watering individual plants. Endline Drip Heads can also be inserted directly into the MDS-Connecting Pipe 13 mm.





Spray nozzles instead of watering can

Micro-Drip-System for planted areas

Young plants need care and delicate watering if you want them to flourish. But the Micro-Drip-System garden irrigation is also suitable for rows of vegetables and flower beds. You can leave the drip hose lying loose on the ground, or use a pipe clip to secure it to the ground. As a result of individual irrigation by means of drip heads and spray nozzles, your plants will have the best conditions in which to flourish well.

ANTED AR

Individually water planted areas

The Micro-Drip-System provides a host of options for areas in your garden: You can combine different spray nozzles or use the oscillating sprinkler to water larger sections. The system offers great freedom in combining the ideal irrigation system.



Spray nozzles





You choose: Combine different nozzles and sprinklers for planted areas. Depending on the objective in your plan and on what are your plants' needs, you can come up with the ideal customised system: from watering smaller sections, to the 360-degree solution with a large watering radius, through to small surfaces or mist nozzle, everything is possible and all elements can be used in conjunction with each other.





Thicker pipe: better pressure, more water.

Extending and regulating



Simply screw the extension pipe into the pipe and use the pipe guide to steady it.

Fit regulator in front of the nozzle.

The extension pipe can be used to extend the spray nozzles. You can regulate the flow rate and the reach.

Use a pipe clip to secure to the ground.

With the T-Joint for Spray Nozzles (8332) spray nozzles can be fixed in the MDS-Supply Pipe 4.6 mm.



A whole row of benefits

Micro-Drip-System for rows of plants

You do not need to be brave. You just need to be motivated to give this type of irrigation a try. You'll be amazed! Simply pick up the drip irrigation line, guide it along your hedge, shrub beds and flowerbeds, and the technicalities of watering your garden is in safe hands. This is because the drip irrigation line dispenses fine drops of water to the plants via fixed drip heads, thus saving on water. 30 cm apart. This is effective and does the plants good. Virtually no planning effort is required – you simply start the system up and while your plants are gently being cared for, you can do what you love.

Wellness for you and for your garden

It is important to keep the root balls moist right after planting. And these "green walls" do not stop needing water later either. Decide whether you want to lay the drip irrigation line above or below ground. Either option works. The Micro-Drip-System provides continuous, regulated and efficient irrigation. Plants thrive particularly well, as the drip irrigation lines water the soil right at the plants and roots.

Above-ground for small hedges or borders

4,6 mm (¾16") drip irrigation line for small hedges or sensitive vegetables and ornamental plants Max. pipe length: 30 m.* You can add extra branches and extensions.





Above-ground for hedges

13 mm (½") drip irrigation line for hedges and plants at the edge of the garden Max. pipe length: 100 m.* You can add extra branches and extensions.





Underground for hedges or borders

13,7 mm drip irrigation line for hedges or borders

Max. pipe length: up to 200 m.* Laid depth in planting area approx. 20 cm. Can also be used above-ground.





Above-ground for hedges or borders with Endline Drip Heads



MDS-Connecting Pipe 13 mm for hedges and borders

This allows you to turn the Endline Drip Head directly into the Connecting Pipe at irregular intervals to water the plant directly.





Product overview

see page

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* Where the master unit is in a central position. More information about this can be found on p. 55.

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Overview Pipeline and Sprinklersystem

Your goal is clear: intelligent irrigation! Here you will find everything you need:

The GARDENA Pipeline, which makes water available underground throughout. And the Sprinklersystem, which waters your garden and your lawn the easy way. You can also add the Micro-Drip-System, all of which will allow you to enjoy your new-found freedom from having to water your garden.







Need to use the Micro-Drip-System but no tap is nearby? Then the pipeline is the perfect solution. You then simply connect your Micro-Drip-System to the water connector that is connected to the pipeline.

Compatibility with a MDS

GARDENA Sprinklersystem

The Sprinklersystem is designed such that you can use a corresponding control system to water your whole garden in a fully automatic way and on an individual basis. Pop-up sprinklers irrigate areas of different sizes depending on the pressure and spray angle setting.

111/

Turbo-driven Pop-up Sprinkler

Oscillating Pop-up Sprinkler

Pop-up Sprinkler S

Drain Valve

Frost protection The automatic drain valves protect the system against frost.

PIPELINE + SPRINKLERSYSTEM

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The ideal: Water throughout

The solution: Pipeline with system

The GARDENA Pipeline delivers water to every corner of your garden. It allows you to position a connection to the water supply wherever you need one. Simply use GARDENA Water Connectors. From here you can simply connect the hose. And you now you have a connection to the water supply on site.

Invisible, underground installation

GARDENA Pipelines are installed below ground to transport water to parts of the garden that require water. A Water Connector is installed at important watering points in the garden. Connect the hose and devices such as a spray lance, spray gun, sprinkler, garden shower or Micro-Drip-System to the socket and draw water. No metres of hose lying around, no obstructions and no pressure marks in the lawn. It's like taking electricity from the mains, but it's water! There is soon no trace of the pipeline in your garden. Soon there is no trace of the pipeline in your garden.



T-piece with Drain Valve

T-piece

L-piece



Connecting Point The connecting point is the practical system start for the pipeline and Sprinklersystem. It connects the tap to the below-ground GARDENA Sprinklersystem, or to the GARDENA Pipeline.



Drain Valve Winter frost? No problem! The automatic drain valves protect the system against frost.



Connection technology

The patented "Quick& Easy" simple connection technology enables you to connect GARDENA Pipelines securely together in no time at all. All GARDENA Pipelines and connecting parts can also be used for the GARDENA Sprinklersystem.



Water Connector

Water on tap: The water connectors turn this dream into a reality. Simply plug in the hose and go. The water connector is installed underground and supplied with water via GARDENA Connecting Pipes. Do you want to add to the GARDENA Micro-Drip-System or connect a mobile sprinkler? No problem thanks to the water connector!



Water Plug

The water plug is used as an above-ground water retrieval point. You can attach it to the wall, such as to the garden shed, or to the ground using a spike. This means the water connector practically replaces the tap.



PIPELINE + SPRINKLERSYSTEM

Sprinkling out of the ground. An underground SUCCESS

Sprinklersystem

Unobtrusive pop-up sprinklers installed underground water the lawn and other areas of your garden. They disappear back into the ground once they have done their work. The GARDENA Sprinklersystem can be customised to suit individual needs.

As if by magic: It's raining from below



Connecting Point



T-piece with Drain Valve Valve Box

T-model sprinklers Oscillating sprinklers

S-model sprinklers



OS 140 Oscillating Sprinkler

Ideal for watering square and rectangular areas. Ideal for watering even the smallest areas and narrow areas of your garden.



T-Sprinklers

For medium-sized lawns up to 380 m². An ideal partner for other turbodriven pop-up sprinklers or oscillating sprinklers. For narrow irrigation areas through to 360°.



S-Sprinklers For smaller lawns up to 80 m². Can be used with other S-model pop-up sprinklers within a pipeline. For narrow irrigation areas through to 360°.



Connecting Point Connects the water tap to the belowground GARDENA Sprinklersystem or to the GARDENA Pipeline.



Valve Box For ease of assembly and to enable irrigation valves to be installed underground.



Drain valve Winter frost? No problem! The automatic drain valves protect the system against frost.



Connection technology

Can be assembled in no time thanks to patented Quick&Easy quick connection technology. With the new Flexible Connection, the sprinklers can be adjusted easier and stay flexible in case of ground submergence.



Here you can find tips for useful planning and do-it-yourself projects:

Do it yourself Page 60

GARDENA Irrigation Planner "My Garden" on www.gardena.com/mygarden

Service

Phone +44 (0) 344 844 4558 Email: info.gardena@husqvarna.co.uk



Never leave your garden behind

GARDENA smart system

Your smartphone gives you complete control: Because the GARDENA smart App allows you to access your permanently installed automatic irrigation system whilst you are out and about. It goes without saying that you can also control your robotic lawnmower or, if you wish, outdoor lighting. This is progress when it comes to always being connected to your garden and being able to respond when you need to.





GARDENA smart system





To establish the connection to the smart system, you need the GARDENA smart App and the smart Gateway

GARDENA smart App

Your entire garden is always at your fingertips with the free GARDENA smart App. Mowing the lawn and watering has never been so convenient. Even lights or other electrical devices in the garden are now easy to control.

smart Gateway

Connecting your GARDENA smart App to your smart garden, via your home WiFi or LAN cable.



Start with the application of your choice



smart Water Control – at the tap

Water a single garden area with tap water. The smart Water Control lets you remotely control your garden taps for perfect results – simply controlled via the GARDENA smart App.

Using it with a smart Sensor, you can save water and ensure the right level of watering.



smart Irrigation Control – permanently installed and underground

Effortlessly water multiple areas of your garden with an underground irrigation system. The smart Irrigation Control manages up to six irrigation valves – each of which can be independently controlled via the GARDENA smart App.

Using it with one or more smart Sensors, you can save water and ensure the right level of watering.



smart Robotic Lawnmowers

Mow the lawn automatically the smart way. With the GARDENA smart App, you can control your smart SILENO Robotic Lawnmower to achieve a carpet-like cut for all lawn sizes up to 2,000 m². It's like you are in the garden 24/7.

Explore the key features of the GARDENA smart App



EasyApp Control

Easy way to control your watering with the GARDENA smart App from anywhere. Take care of your garden wherever you are.



Auto Schedule

The GARDENA smart App helps you with a scheduling assistant to keep your garden just right.



Sensor Control

The smart Sensor tracks temperature and soil moisture in your garden to optimise the irrigation and save water.



EasyConfig

Easy and guided set up. GARDENA smart App provides stepby-step guidance for setting up your own smart system. With clear illustrations, tips and helpful wizards to create watering and mowing schedules.

Discover everything you need to know about plants, from when



SmartHome

Plant Library

Integrate smart garden devices into your Apple HomeKit or control them by voice using Amazon Alexa.

Weather Forecast

they bloom to the climate they thrive in.

Rain is coming? The GARDENA smart App adapts your schedules based on weather data.

SMART SYSTEM

27

The smart system stars

Use the GARDENA smart App to control what happens in your garden

Why use the GARDENA smart App?

- Intelligent the GARDENA smart App provides intelligent irrigation, frees you up to do other things and does your garden good.
- Relaxed you will be instantly absolved of all watering duties!
- Reliable the wizard guides you step-by-step to the best watering programme.
- Environmental your plants are always provided with the ideal water supply that they need to thrive.
- Economical! you save on water and therefore on costs.



smart Irrigation Control

What for

- · For diversified gardens with different irrigation areas and tasks
- · For up to six completely independent irrigation zones

How:

- Controls an underground, permanently installed irrigation system with 24 V valves in a simple, flexible and clear way
- Usefully combines systems such as Micro-Drip-System and Sprinklersystem
- · Can be used with up to six smart Sensors
- <section-header>
 Cipe Cipe Constructs
 Description Control also quite simply turns existing (older) irrigation systems into a smart system:
 Simply swap the existing Irrigation Control for the smart Irrigation Control and smart Gatewaya
 Vorks with virtually all standard 24 V irrigation valves, and not just GARDENA ones
 This means you can also very simply integrate irrigation systems from other brands into the GARDENA smart system, where they can be smart controlled

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smart Water Control

What for

For small gardensFor one irrigation area

How:

- Connected directly to the tap
- GARDENA smart App helps to save water, because it will never over-water
- · Can be used with a smart Sensor
- · Manually switch on/off directly at the Water Control



You can find out more about the GARDENA smart system at www.gardena.com/smart

smart Sensor

What for

• Measures temperature and soil moisture exactly where it matters most: near the root of the plant

How:

- Planted beside the plants in the soil
- Shows the measured values from your own garden via the GARDENA smart App
- The app uses the measured values, together with other parameters, to control irrigation using smart Water Control or Irrigation Control
- Saves water, as the plants are only watered when they really need it

Tips and tricks

The GARDENA smart system offers much more than just smart products for irrigation and lawn care: The GARDENA smart App is constantly being further developed and helps provide the garden with an optimal supply of water, such as by means of a library of plants containing more than 2000 plants, by taking data about the weather and from sensors into account during the watering process, or by providing helpful tips about the garden.



SMART SYSTEM

Overview Automatic control

Automatic garden irrigation provides the ideal solution when it comes to providing your garden with a reliable supply of water. The automatic control system is at the heart of this process. How so? Because the automatic control system controls the irrigation functions in the garden. You have two options: the above-ground water control or the underground multi-channel control system.

Water Control - at the water tap

The benefit: is that it's all very simple. You fit the control system straight to a tap and the automatic irrigation process starts in no time at all.

If you wish to water a specific area of your garden, simply connect a GARDENA Micro-Drip-System or your mobile sprinkler to a Water Control system. The water starts to flow, fully automatically, according to your time settings.





Enhance your automatic irrigation system with our Bluetooth® devices to control your garden via app from up to 10 m.



To unleash the full potential of an intelligent automated garden combine your irrigation system with our GARDENA smart system and control your irrigation system from anywhere.



Who controls the watering?

The GARDENA Water Control

Your garden still needs water when you are away or asleep. Even then your plants are perfectly irrigated thanks to the GARDENA Water Controls that are directly connected to the tap. You simply have to decide where, when, how long and how often you want to water your garden. Then the water control takes over control for you. The Water Control can be used to control sprinklers, a Micro-Drip-System or a small Sprinklersystem.

Your watering aid

The good news: there are different models to suit every need. Plants in smaller pots need watering more frequently, using small amounts of water. Lawns, on the other hand, should be watered less often, but need the water to penetrate the ground, allowing the roots to grow deep. The Water Control takes charge of coordinating the different requirements.



GARDENA Water Controls

Product comparison

Flex



Select



Balcony & terraces | micro irrigation

Application

- For watering plant pots/balcony plants
- Very short watering durations and high irrigation frequencies can be set (up to every four hours)
- Ideal when used with the GARDENA Micro-Drip-System

Irrigation schedules	1
Start	flexible
Duration	1 sec.–99 min.
Frequency	every 4/6/8/12/24/48/72 hours
Days of the week selectable	-
Watering cycles per day	up to 6 (every 4 hours)
Water-saving option	with Soil Moisture Sensor
Manual watering	•
Art. No.	1890

3 schedules | all garden areas

Application

- For convenient and flexible irrigation
- Three individual irrigation schedules consisting of start time, duration and days of the week – ideal for pre-watering soil, for example
- Ideal when used with sprinklers or Micro-Drip-System

Irrigation schedules	3
	5
Start	flexible per schedule
Duration	1 min7 hrs. 59 min. per schedule
Frequency	days of the week per schedule
Days of the week selectable	per schedule
Watering cycles per day	up to 3
Water-saving option	with Soil Moisture Sensor
Manual watering	•
Art. No.	1891

Bluetooth®



Control via GARDENA Bluetooth® App | all garden areas

Application

- For convenient and flexible irrigation through App configuration
- Three individual irrigation schedulesIdeal when used with sprinklers or
- Micro-Drip-System

App Benefits





MultiControl	duo



Up to two areas

Application

- To water two areas separately
- For example, the lawn behind the house and the flower beds in front of it

Irrigation schedules	2 x 1
Start	flexible per outlet
Duration	1 min3 hrs. 59 min. per outlet
Frequency	Free selection of watering days or in cycles 8h/12h/24h every 2nd/3rd/7th day
Days of the week selectable	per schedule
Watering cycles per day	up to 3 (every 8 hours)
Water-saving option	with Soil Moisture Sensor
Manual watering	•
Art. No.	1874

WATER CONTROL

Master



6 schedules | most flexible settings | up to 6 areas

Application

- To automatically water a larger area in your garden with maximum timing flexibility
- Six individual irrigation schedules consisting of start time, duration and day of the week
 Water up to six irrigation zones when used
- with the Water Distributor automatic
- Ideal when used with sprinklers or Micro-Drip-System

Irrigation schedules	6
Start	flexible per schedule
Duration	1 sec4 hrs. per schedule
Frequency	days of the week
Days of the week selectable	per schedule
Watering cycles per day	up to 6
Water-saving option	with Soil Moisture Sensor
Manual watering	•
Art. No.	1892

smart Water Control

Control via GARDENA smart App

smart Water Control

Irrigation times can be flexibly set and adjusted as required at any time using the GARDENA smart App.

For more information on the GARDENA smart system, turn to page 30.

		smart
Irrigation schedules	freely selectable	Smart
Start	flexible per schedule	
Duration	1 sec10 hrs.	
Frequency	Days of the week	
Days of the week selectable	•	
Watering cycles per day	individually	
Water-saving option	with smart Sensor	
Manual watering	•	
Art. No.	19031 or available in smart system Sets	



Extensions

Soil Moisture Sensor

Measures and skips scheduled watering cycles when a preset moisture level is reached. For optimized water saving irrigation when connected to a GARDENA Water Control.

Art. No. 1867



smart Sensor

Detects soil moisture and outside temperature and transmits this information to the GARDENA smart App. Can be used with the smart Water Control, the smart Irrigation Control and the smart Home & Garden Pump.

1

smart

Art. No. 19040



WATER CONTROL

Water Distributor automatic – for 2–6 areas of the garden ●

Makes a perfect match with Water Control Master. Comes with several irrigation lines, such as for GARDENA sprinklers, Micro-Drip-System or Sprinklersystem. Each line can be activated from the model Master once a day. Ideal for planted areas that require different amounts of water or if the water pressure is too low for simultaneous irrigation.

Art. No. 1197



Put an end to watering. Your garden can do that itself

With the Multi-Channel Control for the versatile garden

This allows you to water different areas independently, such as the lawn, the flower boxes on the patio or the flowerbeds. If the water quantity of the tap is not sufficient to operate the entire irrigation system at the same time, you should divide the system into multiple irrigation channels. A Multi-Channel Control System ensures that each separate area of your garden is supplied with the correct amount of water at the right time. Sit back, relax and let the Multi-Channel Control do the thinking and watering for you.

GARDENA
Make the most of every opportunity

Installing a multi-channel solution, such as when planting a new plot or when making things easier for you in an existing garden, helps you to create a host of irrigation options for different areas in your garden. It makes no difference whether you use them now or add them later. The irrigation control system can be used individually and can be expanded if necessary.

Electricity supply available



This is how you control your entire irrigation system from a central location in your garden: The 24 V Irrigation Valves 2 in the Valve Box 3 get signals over the Connection Cables 4 to open and close the water flow from the GARDENA Irrigation Control System 1. You can control up to 6 Irrigation Valves and the corresponding number of channels fully automatically. A Soil Moisture Sensor 5 can be connected as an option.



No electricity supply available



Thus you can control any number of irrigation channels app configured, automatically and wireless with the GARDENA Bluetooth[®] App **1**: Just enter the data and transmit them via the App to the Irrigation Valve. The Irrigation Valve 9 V Bluetooth[®] (2) fits into a GARDENA Valve Box (3). A Soil Moisture Sensor 4 can be connected to the Controller as an option. Battery operation makes GARDENA Irrigation Valves independent from the power supply. You can install the valve boxes anywhere in the garden.



WATER CONTROL



Product overview

Holiday and Balcony Watering



Solar-powered Irrigation AquaBloom Set

	The solar-powered irrigation set for balcony and terrace
Use outdoor/indoor	Outdoor
Water connection required	-
Power connection required	-
Art. No.	13300



Micro-Drip-System System start and accessories

	Pressure + filtering		Fertilisation	Assembly	
¹ MADE IN GERMANY	U Transfer alle				
	Master Unit 1000 I/h To operate the GARDENA Micro-Drip-System	2 Master Unit 2000 I/h To operate the GARDENA Micro-Drip-System	3 Fertilizer Dispenser ¹ With level indicator	Installation Tool Multi-functional tool for the easy installation of the GARDENA Micro-Drip-System	
Usage	Starting component for the micro- drip system; reduces pressure to 1.5 bar and filters water	Starting component for the micro- drip system; reduces pressure to 1.5 bar and filters water	Addition of a universal liquid fertiliser	Universal tool for installing various items and perforating the connecting pipe	
Flow	to 10001/h	to 20001/h	-	-	
Art. No.	1355	1354	8313	8322	

Pipes and accessories

1 MADE IN GERMANY					<i>s</i>	A star
	5 Connecting Pipe	e	6 Supply Pipe		Shut-Off Valves ¹	
Usage	Central supply line for th can be laid above-ground		Feed pipe for drippers and spray nozzles, can be laid above-ground or underground		Shut-off device for individual strands of the connecting pipe 13 mm (½") (Art. No. 1346/1347)	Shutting off individual pipelines 4.6 mm (3/16") (Art. No. 1348/1350) and infinitely variable control of the range of the 360° spray nozzle
	13 mm (½"), 15 m	13 mm (½"), 50 m	4.6 mm (³/16"), 15 m	4.6 mm (³/16"), 50 m	13 mm (½")	4.6 mm (³ ⁄16")
Art. No.	1346	1347	1350	1348	8358	8357

Pipe pegs

MADE IN GERMANY	-	1		L.		×
	8 Pipe Clips		9 Pipe Pegs The Pipe Peg is used fasten the supply pip	I to route and securely e in the ground.	10 Pipe Guide To fasten the pipe	es in the ground.
Usage	For fastening pipes in hard ground; defined spray nozzle fastening in connecting pipes/supply pipes. Adjusts the height of the spray nozzles in connection with a T-piece for spray nozzles and extension pipes		For guiding and fastenin supply pipe	ng the connecting pipe/	fastening in the con Adjusts the height o	in soil; defined spray nozzle necting pipe/supply pipe. f the spray nozzles in connec- or spray nozzles and extension
	13 mm (½")	4,6 mm (³ /16")	13 mm (½")	4,6 mm (¾16")	13 mm (½")	4,6 mm (¾16")
Contents	2 pieces	5 pieces	5 pieces	10 pieces	3 pieces	3 pieces
Art. No.	8380	8379	1328	1327	8328	8327

Micro-Drip-System Connection technology

Pipe connectors

MADE IN Image: Constraint of the connecting pipe/supply pipe					Ŵ	Ŕ	de la companya de la comp		
		he connecting	Reducing T-Joint Adapter from the connecting pipe to the supply pipe	13 T-piece: Junction for t pipe/supply p	he connecting	14 L-piece: For accuratel the direction connecting p pipe	y changing of the	15 Connec For extending connecting p supply pipe	g the
Diameter	13 mm (½")	4.6 mm (³/16")	13 mm (½")	13mm (½")	4,6 mm (³ /16")	13 mm (½")	4.6 mm (³ /16")	13 mm (½")	4.6 mm (³ /16")
Contents	2 pieces	10 pieces	5 pieces	2 pieces	10 pieces	2 pieces	10 pieces	3 pieces	10 pieces
Art. No.	8339	8334	8333	8329	8330	8382	8381	8356	8337

Plug

MADE IN GERMANY						
	16 Plug For sealing off the connecting pipe/supply pipe					
Diameter	13mm (½")	4.6 mm (³/16")				
Contents	5 pieces	10 pieces				
Art. No.	8324	1323				

Accessories for spray nozzles and sprinklers



Micro-Drip-System for Flower Pots and Planters

Starter Sets

MADE IN GERMANY	With Water connection		Automatic	Extension Sets Flower Pot	ts
Every dop to constant	Set Set		Set Set		Set
	Starter Set Flower Pots S For 5 plant pots	Starter Set Flower Pots M For 7 plant pots or 3 plant troughs	Starter Set Flower Pots M automatic For 7 plant pots or 3 plant troughs. Including Water Control Flex	Extension Set Flower Pots For extending (5 Flower Pots) Start Sets Flower Pots M and Flower Pots M automatic	Extension Set Planters For extending (4 Planters) Start Sets Flower Pots M and Flower Pots M automatic
Art. No.	13000	13001	13002	13005	13006

Endline drip heads

MADE IN GERMANY			-		
Bit Every drop counts. References	2 Endline Drip Head	22 Endline Drip Head	23 Endline Drip Head Pressure equalizing, self-cleaning, self-closing	24 Adjustable Endline Drip Head	Adjustable Endline Drip Head Pressure equalizing and self-cleaning
Water flow	2 l/h	4 l/h	2 l/h	0–10 l/h	1–8 l/h
Contents	25 Endline Drip Heads, 1 cleaning needle	25 Endline Drip Heads, 1 cleaning needle	10 pieces	10 pieces	5 pieces
Art. No.	1340	1341	8310	1391	8316

Inline drip heads for plant troughs

MADE IN GERMANY	25 Inline Drip Head	27 Inline Drip Head	 28 Inline Drip Head Pressure equalizing, self-closing 	23 Adjustable Inline Drip Head	Adjustable Inline Drip Head Pressure equalizing and self- cleaning
Water flow	2 l/h	4 l/h	2 l/h	0–10 l/h	1–8 l/h
Contents	10 pieces	10 pieces	10 pieces	10 pieces	5 pieces
Art. No.	8343	8344	8311	8392	8317

Micro-Drip-System for Planted areas

Starter set



Starter Set Planted Areas Set For 40 m² flower/kitchen garden beds Art. No. 13015

Spray nozzles for planted beds

MADE IN GERMANY	ł	-		G	T
Com/clerost	3 Endline Micro Strip Sprinkler For covering areas with fine spray in long small areas, especially in connection with the Micro Strip Sprinkler	32 Micro Strip Sprinkler For covering areas with a fine spray in long small areas	33 6-Pattern Spray Nozzle Flexible watering needs, control knob for adjusting the spray pattern (90°, 180°, 270°, 360°, strips, end strips)	34 Micro Rotor Sprinkler 360° For covering areas with fine spray	35 Micro Mist Nozzle For watering of newly planted beds, green- houses
Water flow	52 l/h	57 l/h	11–36 l/h	85 l/h	16 l/h
Area coverage	-	-	-	7–38 m²	Ø1m
Range	ca. 2.75 m	ca. 5.5 m	Adjustable	1.5–3.5 m	-
Sprinkling width	ca. 0.6 m	ca. 0.6 m	-	-	-
Contents	5 pieces	5 pieces	2 pieces	2 pieces	5 pieces
Art. No.	1372	1370	1396	1369	1371

Spray nozzles and sprinklers for planted beds

MADE IN GERMANY		F		ę		
The conjunction	36 Spray Nozzle 90° For covering areas with a fine spray in long small areas in flower beds	36 Spray Nozzle 180° For covering areas with a fine spray in long small areas in flower beds	36 Spray Nozzle 360 ° For covering areas with a fine spray in long small areas in flower beds	37 Small Area Spray Nozzle Accurate metering of water over small areas such as shrubs and bushes	38 Small Area Spray Nozzle Accurate metering of water over small areas such as shrubs and bushes	39 Oscillating Sprinkler OS 90 Watering of square and rectangular areas
Water flow	47 l/h	97 l/h	120 l/h	30–48 l/h	30–48 l/h	380 l/h
Area coverage	-	-	Ø 6 m	Ø 10–40 cm	Ø 10–40 cm	1-90 m ²
Range	ca. 3 m	ca. 3 m	ca. 3 m	-	-	0.5–7 m adjustable
Sprinkling width	-	-	-	-	-	1.5–13 m adjustable
Contents	5 pieces	5 pieces	5 pieces	10 pieces	10 pieces	1 piece
Art. No.	1368	1367	1365	8320	8321	8364

PRODUCT OVERVIEW

Micro-Drip-System for rows of plants

Starter sets drip irrigation line

	to 15 m	to 25 m	Automatic	to 50 m underground
¹ MADE IN GERMANY	Set	Set	Set	Set
	Start Set for Rows of Plants S Above Ground Drip Irrigation Line ¹ 15 m row of plants or sensitive vegetables/	Start Set for Rows of Plants M Above Ground Drip Irrigation Line ¹ 25 m plant row (e.g. hedges or planted borders)	Start Set for Rows of Plants M automatic Above Ground Drip Irrigation Line ¹ 25 m plant row (e.g.	Start-Set Drip Irrigation for Rows of Plants Below Ground Drip Irrigation Line For boundary planting or lawn areas
Internal pipe diameter	ornamental plants 4.6 mm (³ /16")	13 mm (1⁄2")	hedges or planted borders) 13 mm (½")	13.7 mm
Contents	With Master Unit and Pipe Peg	With Master Unit and Pipe Peg	With Water Control, Master Unit and Pipe Peg	With Master Unit
Art. No.	13010	13011	13012	1389

Extension sets drip irrigation line

	above-ground					
	Extension for Rows of Plants Above Ground Drip Irrigation Line 4.6 mm (%16") For extending the starter set for plant rows S	Extension for Rows of Plants Above Ground Drip Irrigation Line 13 mm (½") For extending the starter set for plant rows M				
Internal pipe diameter	4.6 mm (³ / ₁₆ ")	13 mm (½")				
Compatible with art.	13010	13011 / 13012 / 13013				
Contents	15 m Drip line, without fittings	25 m Drip line, without fittings				
Art. No.	1362	13131				



Underground Water distribution

Pipes and System start







Connecting Pipe



Central Filter 1

Filters the water flowing through,

can be used in connection with



Regulator and Shut-Off Valve ¹ For stepless regulation and shut-off of individual sprinklers or

			pumps and other irrigation devices	sprinkler groups
Length	50 m	10 m	-	-
Usage	Pipeline, Sprinklersystem	Pipeline, Sprinklersystem	Pipeline, Sprinklersystem	Sprinklersystem
Art. No.	2701	2718	1510	2724

Connections and Pipe connectors

Connections			Pipe connectors				
MADE IN GERMANY						•	
	Connector 25 mm x ¾" female thread	Connector 25 mm x 1" female thread	T-Piece 25 mm	L-Piece 25 mm	Connector 25 mm	End-Piece 25 mm	
Usage	For pipe connection to the Connecting Point, the Water Connector, the Regulator and Shut off Valve, the Central Filter and the Popup Sprinkler S 80/300 and for directly connecting the sprinkler system to the domestic water supply	For pipeline connection to the Valve Boxes V1 and V3 and to the Pipeline Spiral Hose Box and for directly connecting the sprinkler system to the domestic water supply	Pipe branching for Connecting Pipe	Direction change of the Connecting Pipe	Extension for the Connecting Pipe	Terminating the Connecting Pipe	
Art. No.	2761	2762	2771	2773	2775	2778	

Accessories

MADE IN GERMANY			Q	
	"Profi" Maxi-Flow System Connector Set	"Profi" Maxi-Flow System Connection Set	Adapter Piece	Drain Valve
Usage	For the connection of the Pipeline and the Sprinklersystem to the water tap	Complete set for connection of Pipeline and Sprinklersystem to the water supply	For creating a permanently pressure-resistant hose connection	For draining water automatically when shutting down the system (Connection Art-No. 2790, 2761)
Art. No.	1505	2713	1513	2760

PRODUCT OVERVIEW

Sprinklersystem

Pop-up Sprinklers

	S models	
	TT	
	Pop-up Sprinkler S 80	Pop-up Sprinkler S80/300
Watering areas	Up to 80 m ²	Up to 80 m ²
Watering sector	Fully adjustable from 5–360°	Fully adjustable from 5–360°
Range	Adjustable from 2.5–5 m	Adjustable from 2.5–5 m
Connection thread	1/2"-female thread	34" -male thread
Art. No.	1569	1566

	T models					
GERMANY <mark>-</mark>	Turbo-driven Pop-up Sprinkler T 100	Turbo-driven Pop-up Sprinkler T 200	Turbo-driven Pop-up Sprinkler T 380			
		·				
Watering areas	Up to 100 m ²	Up to 200 m ²	Up to 380 m ²			
Watering sector	Fully adjustable from 70–360°	Fully adjustable from 25–360°	Fully adjustable from 25–360°			
Range	Can be adjusted from 4–6 m	Can be adjusted from 5–8 m	Can be adjusted from 6-11 m			
Connection thread	1/2" -female thread	1/2" -female thread	¾" -female thread			
Art. No.	8201	8203	8205			

Connections for Pop-up Sprinklers

MADE IN	½" male thread		%" male thread			¾" female thread		
	L-Piece 25 mm	Angle Piece 25 mm	T-Piece 25 mm	L-Piece 25 mm	Angle Piece 25 mm	T-Piece 25 mm	Connector 25 mm	T-Piece 25 mm
Connection for Art. No.	1552 1553 1554 1555 1569 8201 8203		8205 8223	8205 8223	8205 8223	2722 8250 2724 1510 1566 8254	1566 2739 2740 2760	
Art. No.	2780	2782	2786	2781	2783	2787	2761	2790

GARDENA smart system – Irrigation

smart

Starter sets

1

N	Irrigation Control	Multi-Channel		
reddot award 2016 winner				
	smart system Start Set Mow lawns and water plants using the smart App	smart Sensor Control Set ¹ Water plants using the smart App	smart Water Control Set ¹ Water plants using the smart App	smart Irrigation Control Sensor Set Water plants using the smart App
Contents	smart SILENO city Robotic Lawn- mower, smart Water Control, smart Sensor, smart Gateway	smart Water Control, smart Sensor, smart Gateway	smart Water Control, smart Gateway	smart Irrigation Control, smart Sensor, smart Gateway
Art. No.	19200	19202	19103	19209

Extensions – Irrigation

More GARDENA smart system products can be found at: www.gardena.com/smart

1 @	Combined with all smart system Sets					
reddot award 2016 winner			New!			
	smart Water Control	smart Irrigation Control	smart Sensor			
Useable for	all smart system Sets, Water Distributor automatic (Art. No. 1197)	24 V Irrigation Valve (Art. No.1278), smart Sensors, all smart system Sets	all smart system Sets			
Requirements	Gateway, (Wi-Fi) router and Internet access – smartphone, tablet or pc					
Art. No.	19031	19032	19040			

Pipeline



Irrigation Control

MADE IN		-	-	New!		- 20	smart
1 view reddot award 2016 winner	P	Ø	I		ļ,		
	Manual Tap	Flex	Select	Water Control Bluetooth®	Master	MultiControl	smart Water
	Timer Practical: switches off automatically after the defined running time	Short cycles for watering pot plants – ideal for use with the GARDENA Micro-Drip-System, innovative turn and push feature	Individual setting options of three independent schedules, intuitive operation with just one button	Control your watering with the GARDENA Bluetooth [®] App from up to 10 m	Individual setting options of six inde- pendent schedules, intuitive operation with just one button	duo Flexible thanks to free programming options. Fully automatic operation with soil moisture sensor	Control ¹ Irrigation times can be flexibly set and adjusted as required at any time using the GARDENA smart App
Watering schedules	-	1	3	3	6	1 (per outlet)	freely selectable
Energy supply	Mechanical	1 x 9 V alkaline bat- tery (not included)	1 x 9 V alkaline bat- tery (not included)	1 x 9 V alkaline bat- tery (not included)	1 x 9 V alkaline bat- tery (not included)	1 x 9 V alkaline bat- tery (not included)	3 x AA 1.5 V alka- line batteries (LR6, not included)
Watering duration	5 –120 min.	1 sec.–99 min.	1 min.–7 hrs. 59 min. per schedule	1 min.–8 hrs. per schedule	1 min4 hrs. per schedule	1 min.–3 hr 59 min (per outlet)	1 min.–10 h
Watering frequency	_	Every 4/6/8/12/ 24/48/72 hours, up to 6 times daily	Days of the week, up to 3 times per day	Days of the week per schedule	Days of the week, up to 6 times per day	Days of the week or every $2^{nd}/3^{rd}/7^{th}$ day	Days of the week
Can be used with	_	Soil Moisture Sensor (Art. No. 1867)	Soil Moisture Sensor (Art. No. 1867)	Soil Moisture Sensor (Art. No. 1867)	Water Distributor automatic (Art. No. 1197) Soil Moisture Sensor (Art. No. 1867)	Soil Moisture Sensor (Art. No. 1867)	all smart system Sets, smart Sensor (Art. No.19030), Water Distributor automatic (Art. No. 1197)
Art. No.	1169	1890	1891	1889	1892	1874	19031

Accessories

¹ voice reddot award 2016 winner		New!	New! Smart	
	Soil Moisture Sensor For optimised water saving irrigation. Connection to a GARDENA Water Control. Measures soil moisture and skips scheduled watering when a preset moisture level is reached	Extension Cable Length 10 m. For extension of up to 105 m of the sensor's power cable	smart Sensor ¹ Measures soil moisture and near-ground temperature and inclu- des the soil moisture in the watering schedules using the smart App	Water Distributor automatic Fully-automatic control of up to 6 accessories, one after the other, with Water Control Master (not included)
Art. No.	1867	1868	19040	1197

Multi-Channel Control



Accessories

	24 V Electricity supply	9 V I Battery powered		
	Irrigation Valve 24 V Connection to a GARDENA Irrigation Control System via cable	Connection Cable 24 V Connection of up to 6 Irrigation Valves 24 V to a GARDENA Irrigation Control	Cable Clip 24 V For connecting the Connection Cable 24 V to an Irrigation Valve 24 V with a water-tight connection when using Valve	Irrigation Valve 9 V Bluetooth® Battery operated valve control of irrigation systems without 230 V mains connection. Simple configuration with the GARDENA Bluetooth® App. 6 individual schedules
	1070	1000	Box V1	1005
Art. No.	1278	1280	1282	1285

Valve Boxes



9 V or 24 V

Art. No.

1254



Valve Box V3 For up to 3 Irrigation Valves 9 V or 24 V

1255

DOM/OURSCLF Micro-Drip-System

Let's get started. How to build your own Micro-Drip-System

You'll be amazed: Assembling your own MDS solution is easier than you think. Work step by step and you will very quickly create your individual and convenient irrigation solution.



System start

Start off by choosing the automatic control system and then the master unit. The master unit reduces the pressure and filters the water.

For flower pots For pots or flower boxes,

choose the pipe solution and drip heads marked in pink.

For planted areas For this, choose the pipes, nozzles and sprinklers marked in blue.

For rows of plants

For this, choose the pipes marked in yellow. Here are some options for underground and above-ground installation. You can also buy the practical sets marked in yellow and supplement them with extension pipes.

Connection technologies

To help you connect the pipes, you can choose from items such as four-way couplings, T-pieces, L-pieces. This means you can create your own Micro-Drip-System to suit your requirements.



1. Types of installation

Installation type 1 4.6 mm und 13 mm pipes

This installation type uses a combination of the system for • flower pots with the system for • planted areas and/or • rows of plants. (combination 4.6 mm + 13 mm)

Installation type 2 4.6 mm pipes

This installation type uses the system for \bullet flower pots and plant troughs and/or \bullet rows of plants. (4.6 mm pipe only)

Installation type 3

13 mm pipes

This installation type uses the system for • planted areas and/or • rows of plants. (13 mm pipes and/or 13 mm drip irrigation line above-ground). With this installation type, you insert the drip heads and/or spray nozzles directly into the 13 mm pipe.





Positioning the master unit

The master unit is a key component of the Micro-Drip-System. This ready-to-use master unit reduces the input pressure and filters the water. If you position the master unit in the middle of the pipe run, you can double the length of the pipe system (see table 56).

Master unit is positioned at the system start







ed

2. Assembling your Micro-Drip-System

Three things you need to know:

- 1. The master unit is the starting point and defines the connection value.
- 2. The master unit defines the amount of water available in the system.
- 3. The connection value of the system must be greater than the consumption value.

Determining consumption values (for larger/combined systems)

Irrigate several areas of the garden in combination. Combine your different applications.

Installation type 1

Installation type 2

The delivery device is installed in the 4.6 mm pipe, supply via the 4.6 mm pipe.

Installation type 3

The delivery device is installed directly in the 13 mm pipe.



The delivery device is installed in the 4.6 mm pipe

and the supply is enabled via the 13 mm pipe.

 13 mm (½") Connecting Pipe

 4.6 mm (¾۱۵") Supply Pipe





Connection values

		Installation of the base	unit at the start of the pipe	Installation of the base unit in the centre of the $\ensuremath{pipe}\xspace^*$			
			- I		- I		
		Master Unit 1000	Master Unit 2000	Master Unit 1000	Master Unit 2000		
Installation type 1	Recommended connec- tion value Pipe length**	500 13 mm max. 40 m 4.6 mm max. 15 m	1000 13 mm max. 40 m 4.6 mm max. 15 m	1000 13 mm max. 2 x 30 m 4.6 mm max. 15 m	2000 13 mm max. 2 x 30 m 4.6 mm max. 15 m		
Installation type 2	Recommended connec- tion value Pipe length**	50 max. 15 m	50 max. 15 m	100 max. 15 m	100 max. 15 m		
Installation type 3	Recommended connec- tion value Pipe length**	500 max. 40 m	1000 max. 40 m	1000 max. 2 x 30 m	2000 max. 2 x 30 m		



Recommended installation type 1

Determine connection value

- Determine the number and type of delivery devices (spray nozzles/drip heads/drip line)
- Determine the consumption values of the system (number of delivery devices x consumption value in the table)
- Add the values to obtain the sum total of the consumption values. If the consumption value of the system is less than the connection value, the system can be operated smoothly.

GARDENA MICRO-DRIP-SYSTEM PLANNER

Consumption values

Art. No.	Designation	Accesso	Accessory consumption values		Planned number	Total consumption value
Installation		M1	M2	M3		
1340/8310	Endline Drip Head	2	2	5		
1391	Adjustable Endline Drip Head	10	10	25		
8316	Adjustable Endline Drip Head	8	8	20		
8343/8311	Inline Drip Head	4	4	_	12 pc.	48
8392	Adjustable Inline Drip Head	20	20	_		
8317	Adjustable Inline Drip Head	16	16	_		
8320	Small Area Spray Nozzle	-	-	70		
8321	Small Area Spray Nozzle	70	25	_		
1365	Spray Nozzle 360°	125	100	100		
1367	Spray Nozzle 180°	110	100	80		
1368	Spray Nozzle 90°	85	50	65		
1370	Micro Strip Sprinkler	70	50	70		
1372	Endline Micro Strip Sprinkler	70	50	70		
1371	Micro Mist Nozzle	40	25	40		
1369	Micro Rotor Sprinkler 360°	110	100	80	1 pc.	80
1396	6-Pattern Spray Nozzle	125	50	60		
8364	Oscillating Sprinkler OS 90	_	_	1000		
13010/1362	Drip line 4.6 mm (3/16")***	4	4	_		
13001/13002 13013/13131	Drip line 13 mm (1/2")***	_	-	10	1.5 metres	95
				Total		203

* The connection value of each half of the line is half the connection value when the base unit is installed in a central position.

** Specification of the maximum pipe length is used as a guideline value only. It is dependent on the number of connected delivery devices in each case.

*** Consumption value per metre of drip line.

GARDENA MICRO-DRIP-SYSTEM PLANNER

100

3. Planning and purchasing

Use pens and paper to draw up your plan

- 1. Draw your plot precisely to scale.
- 2. Draw the planted areas (e.g. hedge, bed, flower boxes etc.).
- 3. Draw all the individual plants.

Garage/balcom

Our tip: Use our online guides

Create a sketch of your garden online

You can use "my garden" to create your personal garden sketch. This provides you with a clean basis for any manual drawings you subsequently create for your Micro-Drip-System. www.gardena.com/mygarden

If you want to install the system yourself, please be aware that we cannot accept any liability for any costs and damage that could occur as a result.

1

of the edge of the Sar

So we continue, step by step

When plotting your sketch, it's best to use different colours and icons. This will help create the best overview.

1. Mark water source for 4.6 mm ³/₁₆" or 13 mm ¹/₂"



Water supply

2. Plot Master Unit



Decide where you want to install the master unit. Either right at the beginning as system start or in the middle of the pipe run. If the system start is placed far away from the water connection, use a pipeline or OGS hose to bridge the gap between the tap and the master unit. This means you will prevent a loss in water pressure.

3. Sketch the chosen connecting pipes and distribution pipes in colour



4. List the chosen drips heads and nozzles. Make a note of what number of each you will need.

5. Register connection parts for 4.6 mm ³/₁₆" or 13 mm ¹/₂"



7. Add to shopping list

Add the products to the shopping list on page 74.

55

T-piece

Plug

Pipe Clip



47205-97_BWT_GB_2021.indd 56



5. Installation – simple to assemble

The Micro-Drip-System is easy to assemble. As you would expect from GARDENA.

Original GARDENA System From the tap to the master unit

It's all go at the tap: Everything is connected to everything else. This is where the Water Control, the hose and the master unit are connected. Simple, waterproof, flexible and safe. We have been providing safe and innovative product solutions and connections for 50 years.

Micro-Drip-System From the master unit to the plants

The Micro-Drip-System then takes control. Connectors (e.g. four-way coupling or T-piece) areused to easily connect the drip pipes. Easy peasy thanks to Quick&Easy technology.

Connect the hose

There is the option

to connect the

Water Control

Connect the master unit as system start

All drip heads, nozzles and sprinklers are either screwed or plugged in. Everything keeps you on the right track, it's all easy to do. There are no smoke and mirrors.

You can easily use scissors to trim the hose

Cut the pipes to the required length, then plug them together and attach the drip heads or nozzles. You can also attach the drip heads and nozzles first and then plug the pipes together. It's up to you. Whatever you decide, everything should be connected and the pipe must be sealed at the end before you allow water to flow through the system. If you want to make any subsequent alterations to the system, it can be reassembled as you wish.

Connect inline drip heads

for plant troughs



Planning the Sprinklersystem

The GARDENA Irrigation Planner

Irrigation couldn't be simpler. Install your automatic sprinkler system and enjoy the freedom and convenience in no time at all. We'll show you how. From do-it-yourself to letting something else take over: Take a look at what is best for you. Our online guides and customer service team are there to help you.





A Plan it yourself

Create the individual irrigation plan for your garden. Instructions can be found over the next few pages. These instructions explain everything step by step. You can find a cut-out shopping list on page 73.

B Online planning

You can plan your own irrigation system with the help of the GARDENA Irrigation Planner "My Garden" on the GARDENA homepage: www.gardena.com/mygarden

If you want to install the system yourself, please be aware that we cannot accept any liability for any costs and damage that could occur as a result.

GARDENA SPRINKLER SYSTEM PLANNER



Plan it all yourself – automatic irrigation in six steps

- 1. Plan the system
- 2. Choose the sprinklers
- 3. Choose the lines
- 4. Choose the connections and connectors
- 5. Choose a control system
- 6. Install the system

And off you go!

The next few pages will tell you all you need to know about automatic irrigation of your garden. Our long-standing expertise, perfected GARDENA technology and a shared passion for gardens create the best solutions. All of this, so that you will very soon be able to enjoy your sprinkler system without having to do the watering yourself.

1. The basis: Draw a sketch of your garden



1. Draw a sketch of your plot to scale 1:100 (1 cm = 1 m) or on a scale of 1:200 (1 cm = 2 m)

2. Mark the water supply (tap, well, tank)

3. Mark all areas that need to be watered



GARDENA SPRINKLER SYSTEM PLANNER

MET

2. Choosing sprinklers

This is where you will find the perfect choice of sprinklers for your project



For the individual combination

If you want to water different areas and put your own personal combination together, you have the option of using S-models and T-models to assemble your Sprinklersystem for efficient irrigation of your garden. Cover corner areas at 90 degrees or 270 degrees. Plan border areas at 180 degrees or with other sub-areas. Please note: Always connect T-models and S-models to a separate line.





MET

GARDENA SPRINKLER SYSTEM PLANNER

Overview sprinklers

	S models		T models			
	Pop-up Sprinkler S 80	Pop-up Sprinkler S 80/300	Turbodriven Pop-up Sprinkler T 100	Turbodriven Pop-up Sprinkler T 200	Turbodriven Pop-up Sprinkler T 380	
Watering areas	Up to 80 m ²	Up to 80 m ²	Up to 100 m ²	Up to 200 m ²	Up to 380 m ²	
Watering sector	5–360°	5–360°	70–360°	25–360°	25–360°	
Range	2.5–5 m	2.5–5 m	4–6 m	5–8 m	6–11 m	
Sprinkler distance	4–7 m	4–7 m	5—8 m	7.5–10 m	9–15 m	

All information at 2 bar

What you need to know for planning

- Circular sprinklers may and should dispense water by overlapping, as this ensures that water is spread uniformly across the entire area.
- In particularly windy areas, you should reduce the distance between the sprinklers to prevent drift.

Sketch

Now take your garden sketch and complete the following:

- 1. Choose the appropriate sprinklers for the areas in your garden.
- 2. Add the sprinklers to the sketch. When doing so, note the important information about positioning sprinklers on page 64.
- 3. Add your chosen sprinklers, with the correct descriptions and required number, to your shopping list.



GARDENA SPRINKLER SYSTEM PLANNER

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Overview

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Туре	Designation		Planning range	Sector
Other areas up to 80 m ²	S-Models Pop-up Sprinkler	Pop-up Sprinkler S 80 Pop-up height 100 mm 1/2" female thread Art. No. 1569	Radius 2.5–5 m	5–360° Distance between sprinklers 4–7 m
For higher plants	S-Models Po	Pop-up Sprinkler S 80/300 Pop-up height 300 mm ¾" male thread Art. No. 1566	Radius 2.5–5 m	5–360° Distance between sprinklers 4–7 m
Other areas	Ī	Turbo-driven Pop-up Sprinkler T 100 ½" female thread Art. No. 8201	Radius 4–6 m	70–360° Distance between sprinklers 5–8 m
	T-Models Turbo-driven Pop-up Sprinklers	Turbo-driven Pop-up Sprinkler T 200 ½" female thread Art. No. 8203	Radius 5–8 m	25–360° Distance between sprinklers 7,5–10 m
		Turbo-driven Pop-up Sprinkler T 380 ¾" female thread Art. No. 8205	Radius 6–11 m	25–360° Distance between sprinklers 9–15 m

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GARDENA SPRINKLER SYSTEM PLANNER

		Connections		plaining page 07)	umption values (for	Sprinkler consi
		$\frac{1}{2}$ " female thread	271–360° = 32	181–270° = 25	91–180° = 17	5–90° = 9
r ½" female thread	Connections for 1/2					
	T-Piece Art. No. 2790 	34" male thread	271–360° = 35	181–270° = 29	91–180° = 21	5–90° = 13
nnection	Rigid Direct Conn		0	9		
Angle Piece L-Piece Art. No. 2782 Art. No. 2780		1/2" female thread	271–360° = 17	181–270° = 14	91–180° = 10	70–90° = 8
%" male thread	Connection for ¾" Art. No. 2761*		U			
r ¾" female thread	Connections for 3/	1/2" female thread	271–360° = 20	181–270° = 17	91–180° = 13	25–90° = 9
	T-Piece Art. No. 2790*					
nnection	Rigid Direct Conn	%" female thread	271–360° = 30	181–270° = 25	91–180° = 20	25–90° = 15
Angle PieceL-PieceArt. No. 2783Art. No. 2781						

* Connection also fits the drain valve

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3. Choosing the lines

A Calculating the connection capacity

Your sprinkler system has a specific need for water. This is what you need to bear in mind when making your choice. If the need for water is greater than the quantity of water that your connection to the water supply can deliver, then include multiple lines in your plan. If you want to use different amounts of water to water different areas in your garden on an individual basis, you will also need multiple lines that water the areas one after the other.

You must determine the connection value of your tap so that you know how many irrigation channels

you can connect. To do this, you first have to calculate the filling time:

Turn your tap on full and fill a 10-litre bucket.
Measure the time in seconds it takes to fill the bucket.

Calculating the additional time to add for distance

- How many metres are there between the tap or pump and the furthest sprinkler? Make a note of the distance.
- For each 25 m, one second is added to the bucket fill time. See the sample.
- With a filling time of under 14 seconds and the use of a Water Control, a Water Distributor automatic or a Twin-Tap Connector or Four Channel Water Distributor, an additional 3 seconds are to be added to the filling time.

C Connection value

Add the bucket fill time to the additional time to add for distance. Take the connection value from the table.

Seconds	bis 9	10–13	14–19	20–24	25–30
Connection value	100	80	60	40	20

Example

Fill time in seconds: + 1 sec per 25 m (here, for example, 29.5 m) = total in seconds 10 + 2 = 12 seconds = connection value 80

Calculating the number of supply lines (irrigation channels)

- Label the sprinklers in your planning sketch with sprinkler consumption values.
- Draw the pipelines (starting at the water supply).
- Please note: Note the connection value. When adding sprinklers to the supply line, ensure that the connection value is not exceeded.
- Please consider the information regarding compatibility on page 64.
- Measure how many metres of connecting pipe you need for your lines. See the sample and garden sketch on the right.



Sprinkler consumption values

	S models		T models	odels			
	Pop-up Sprinkler S 80	Pop-up Sprinkler S 80 / 300	Turbo-driven Pop-up Sprinkler T 100	Turbo-driven Pop-up Sprinkler T 200	Turbo-driven Pop-up Sprinkler T 380		
Area	_	_	-	_	-		
0 –90°	9	13	7	9	15		
91–180°	17	21	10	13	20		
1 81–270°	25	29	14	17	25		
• 271–360°	32	35	17	20	30		

Example		
Calculate the supply lines b The connection value (80 in thi values that you have added up	Pipe length per channel	
Channel 2	19 • + 9 • + 10 • = 34	= 24 m

😂 Expanding your garden sketch

1. Make a note of the connection value you worked out.

2. Now plot the necessary lines. Keep in mind that the connection value must not be exceeded by the sprinkler consumption values you have added up.

3. Write down the lengths of the pipes and add them up. Connecting pipes come in lengths of 10 m, 25 m and 50 m.



4. Choosing connections and connectors

We now turn our attention to line connections, sprinkler connections and drainage valves

A Pipe connections

B Frost protection

Now work out the connecting parts for the pipe connections and add the quantities you have calculated to your shopping list. See the product overview on page 45.

Fit a drain valve for each line to protect your

sprinkler system from frost damage. Always install the valve at the lowest point of the pipeline. See the product overview on page 45. Installation instructions on page 71.

Connector To extend

L-piece To change direction

T-piece To change direction

Drain Valve

End-piece At the end of the pipe



T-piece with

End-piece with Drain Valve



G Sprinkler connections

Now work out the connecting parts for the sprinkler connections and add them to your shopping list. When doing so, bear in mind which coupler fits your sprinkler. See the product overview on page 46 /47 and 64/65.

Sprinkler connection options for flexible installation

Patented Connection Technology "Quick & Easy" 1 or in combination with the flexible Sprinkler Connections 2739 and 2740 (2), for flexible outlining of the Turbo-driven Pop-up Sprinklers and Pop-up Sprinklers. Different options are possible: Within the run of the pipe with T-Piece, corner connection with Angle Piece or end connection with L-Piece. As alternative to the T-Piece: 3 Sattle Clamp for mounting without pipe disconnection.



Expanding your garden sketch

1. Choose suitable pipe connections and plot them on your plan, adding the required number to your shopping list

2. Choose suitable sprinkler connections and plot them on your plan, adding the required number to your shopping list



5. Choosing a control system

Now we come to the control system. This is the heart of the system.

Sprinkler systems come in either single-channel or multi-channel systems. Multi-channel systems are systems with two or more irrigation lines. If you favour a multi-channel solution, you will always have the option of expanding the system at a later date if you wish to add other irrigation areas.

Electricity supply available

Up to 6 irrigation channels

A 24 V Irrigation Valve (1278) is connected before every irrigation channel. The GARDENA Irrigation Control System sends signals to the Irrigation Valves to open and close up to 6 irrigation channels via the Connection Cable.

You can find more information about Multi-Channel Control systems on page 36.



No electricity supply available Any number of irrigation channels

An Irrigation Valve 9 V Bluetooth® (1285) is connected before every irrigation channel. All configuration is done in the GARDENA Bluetooth® App and - via Bluetooth® – sent to the control unit on top of the valve. The valves are opened and closed then according to the scheduled settings in the app. The benefit for you is that you can position the valves anywhere in the garden. A new 9 V battery works for a whole season.

You can find more information about Multi-Channel Control systems on page 36.



Connecting the system

The system can be connected in no time at all thanks to Quick&Easy technology. The detailed product overview can be found on page 45. Add all necessary products to your shopping list. We recommend the following products when it comes to connecting the system:



Connecting Point For the underground connection of Pipeline and Sprinklersystem



"Profi" Maxi-Flow System Connector Set For the connection of the Pipeline and the Sprinklersystem to the water tap



"Profi" Maxi-Flow System Connection Set Komplett-Set zum Anschluss von Pipeline und Sprinklersystem an die Wasserversorgung



Valve Box V3 For up to 3 Irrigation Valves 9 V or 24 V



Various connection pieces To connect to connecting points, water connectors, valves and valve boxes or to connect directly to home wiring

6. Installing the system

There are only a few more things you need to do before you can sit back and relax whilst irrigation takes place. Here are a few easy steps to allow you to professionally install your sprinkler system.*



A Lay out all the parts in your garden in accordance with the plan. When doing so, start at the beginning of your watering system. **Tip: Unwinding the pipelines one to two hours beforehand and laying them out in the sun makes them easy to straighten.**



B Cut the pipes to the correct length in accordance with the plan. Make sure that no soil enters the pipeline. If necessary, deburr the pipe, i.e. remove any dirty cut edges.

E Important! Now check that your sprinkler system is watertight. To check this, carry out a test run before you lay the system underground. If the sprinkler system is watertight, continue to Step F. If it is not watertight, check to see if the pipes are actually placed as far as they will go into the coupler.



• Now replace the soil, lay the turf on the soil and tread down. Everything will grow back faster if you water the soil and turf beforehand. After two to three weeks, you will not be able to see the system any more.



• Use a spade to cut out a v-shaped pipe trench approx. 20-25 cm deep. When doing so, carefully remove the turf that you have dug out and dig out the trench. Remove any stones from the trench.

Tip: Mow the lawn and water it beforehand. This will make the process easier.

GARDENA SPRINKLER SYSTEM PLANNER





• Now connect the elements. Push the pipes approx. 6 cm into the connecting part over the O-ring, creating a water-tight connection. Caution: a sealing ring is positioned after approx. 4 cm. At this point, push the pipe further into the hole.



• Now adjust the spray direction, the sectors and the reach on the sprinkler. Simply use a screwdriver to turn the upper screw. This will allow you to regulate the range.



G Lay lines with sprinklers and components connected in the trench. All sprinklers, connecting points, and water connectors must be installed flush with the ground surface. The head including recessed grip should be above the ground for regular cleaning.



The drain valves are installed at the lowest points of the system. On slopes, the height difference between the drain valves must not exceed 2 m. Install several drain valves on slopes if necessary. To improve drainage and to protect the drain valve underlay it with a seeping water drain packing (washed, coarse gravel, approx. 20 × 20 × 20 cm).

Before fitting the drain valves, flush the system to remove any contamination that may have entered the system during installation. The drain valves automatically open after watering, as soon as the water pressure is less than 0.2 bar, and drain the line.

* If you want to install the system yourself, please be aware that we cannot accept any liability for any costs and damage that could occur as a result.

GARDENA SPRINKLER SYSTEM PLANNER

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Maintenance tips & tricks

Here are some tips that will help you prolong the life of your system.



Central Filter

If water is supplied to the irrigation system via a pump, sand may enter the pipeline system and causes your sprinkler to malfunction. Therefore, always use a central filter if the water is supplied via a pump.



Changing from 19 mm or 32 mm to 25 mm pipe connections Did you install your GARDENA Sprinklersystem before 2020 and now want to extend or upgrade it?

- For changing from the 19 mm connecting pipe to the 25 mm pipe, use the Adapter Piece art. no. 1513 combined with the Connector 25 mm × 1" male thread Art. no. 2763.
- For changing from the 32 mm connecting pipe to the 25 mm pipe, use the Reduction Connector Art. no. 2777.



Continuous pressure-resistant connection

To guarantee a continuous pressure-resistant connection, the tap and connecting point (2722) should be connected using a 34" hose and two adapter pieces (1513).



Combining V3 valve box with V1 valve box

The V3 valve box is connected to the water supply. You can also combine it with a V1 valve box. To do so, branch off a connecting pipe and connect it to the V1 valve box.

Tip: If you want to install more than one valve box next to each other, we recommend screwing the valve boxes to a wooden board, thus fixing them into place.



High water pressure

The sprinklers and pipes are approved for an operating pressure of up to 6 bar. If the water pressure is higher, a pressure reduction unit must be fitted. For questions regarding correct connection to the domestic water supply network, please ask your local sanitary works specialist.



Frost protection

Disconnect your irrigation system from the supply line before the first frost sets in. Observe the notes on frost protection for the individual products.



Most commonly used tools Secateurs to cut pipes, screwdrivers (flat-tip or Phillips-head) to adjust the sprinkler, spades to bury pipes.



Combining V3 and V3 valve box

V3 valve boxes can be very easily combined with each other, assembled and disassembled. The telescopic screw connection ensures this can be done.

GARDENA SPRINKLER SYSTEM PLANNER

Sprinklersystem shopping list

Art. No.	Designation	
Pop-up S	Sprinkler	Pieces
8201	Turbo-driven Pop-up Sprinkler T 100 1/2" female thread	
8203	Turbo-driven Pop-up Sprinkler T 200 ½" female thread	
8205	Turbo-driven Pop-up Sprinkler T 380 ¾" female thread	
1569	Pop-up Sprinkler S 80 ½" female thread	
1566	Pop-up Sprinkler S 80/300 ¾" male thread	
Sprinkle	r connection	
2780	L-Piece 25 mm \times 1/2" male thread	
2782	Angle Piece 25 mm \times 1/2" male thread	
2786	T-Piece 25 mm \times ½" male thread	
2781	L-Piece 25 mm \times 3/4" male thread	
2783	Angle Piece 25 mm \times 3/4" male thread	
2787	T-Piece 25 mm \times 3/4" male thread	
2790	T-Piece 25 mm \times 3/4" female thread	
2761	Connector 25 mm \times 34" female thread	
2762	Connector 25 mm \times 1" female thread	
Supply li	ne	
2718	10 m – Connecting Pipe 25 mm	
2701	50 m – Connecting Pipe 25 mm	
Supply li	ne connections	
2771	T-Piece 25 mm	
2773	L-Piece 25 mm	
2775	Connector 25 mm	
2778	End-Piece 25 mm	
Frost pro	tection	
2760	Drain Valve (connection 3/4" male thread)	

Art. No.	Designation	
Multi-Cha	annel Control System with electricity supply	Pieces
19209	smart Irrigation Control Sensor Set	
1278	24 V Irrigation Valve	
1280	Connection Cable, 15 m	
1282	Cable Clip (contents: 6 pieces)	
Multi-Cha	annel Control System without electricity supply	
1285	Irrigation Valve 9 V Bluetooth®	
Multi-Cha	annel Control System Valve Boxes	
1254	Valve Box V1	
1255	Valve Box V3	
System c	onnection	
1505	"Profi" Maxi-Flow System Connector Set	
2713	"Profi" Maxi-Flow System Connection Set	
1513	Adapter Piece 26.5 mm (G¾") / 33.3 mm (G1")	
1510	Central Filter	
Expansion	ns Sensor	
1867	Soil Moisture Sensor	
19040	smart Sensor	
Expansion	ns Pipeline	
8250	Water Connector	
8254	Water Plug	
8255	Starter Set for Garden Pipeline	

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Micro-Drip-System shopping list

_	Art. No.	Designation	Content	Quant
		art and accessories		
	1355	Master Unit (water flow up to 10001/h)	1	
2	1354	Master Unit (water flow up to 20001/h)	1	
3	8313	Fertilizer Dispenser	1	
4	8322	Installation Tool	1	
	Supply I	Lines and Pipe Guides		
5	1346	Connecting Pipe (13 mm, ½"), 15 m	1	
5	1347	Connecting Pipe (13 mm, 1/2"), 50 m	1	
6	1350	Supply Pipe (4.6 mm, $3/16$ "), 15 m	1	
6	1348	Supply Pipe (4.6 mm, $3/16$ "), 50 m	1	
7	8358	Shut-Off Valve (13 mm 1/2")	1	
7	8357	Shut-Off Valve (4.6 mm 3/16")	2	
8	8380	Pipe Clip (13 mm ½")	2	
8	8379	Pipe Clip (4.6 mm ³ /16")	5	
9	1328	Pipe Pegs (13 mm ½")	5	
9	1327	Pipe Pegs (4.6 mm ³ /16")	10	
10	8328	Pipe Guide (13 mm ½")	3	
10	8327	Pipe Guide (4.6 mm 3/16")	3	
	Connect	tors and Accessories		
1	8339	4-Way Coupling (13 mm 1/2")	2	
1	8334	4-Way Coupling (4.6 mm ³ /16")	10	
12	8333	Reducing T-Joint (13 mm ½")	5	
13	8329	T-Joint (13 mm ½")	2	
13	8330	T-Joint (4.6 mm ³ /16")	10	
14	8382	L-Joint (13 mm ½")	2	
14	8381	L-Joint (4.6 mm ³ /16")	10	
15	8356	Connector (13 mm 1/2")	3	
15	8337	Connector (4.6 mm ³ /16")	10	
16	8324	Plug (13 mm ½")	5	
16	1323	Plug (4.6 mm ³ /16")	10	
17	8331	T-Joint for Spray Nozzles (13 mm ½")	5	
	8332	T-Joint for Spray Nozzles (4.6 mm 3/16")	5	
18	1377	Extension Pipe for Spray Nozzles	5	
19	1374	Control Valve for Spray Nozzles	5	
20	8363	Extension Pipe for Oscillating Sprinkler OS 90	2	
	Start Se	ts for plant pots		
	13000	Start Set Flower Pots S	1	
	13001	Start Set Flower Pots M	1	
	13002	Start Set Flower Pots M automatic	1	
	13005	Extension Set Flower Pots Extension Set Planters	1	
	.0000			

	Art. No.	Designation	Content	Quant
	Endline	drip heads for plant pots		
21	1340	Endline Drip Head, 21/h	25	
22	1341	Endline Drip Head, 41/h	25	
23	8310	Endline Drip Head (pressure equalizing), 21/h	10	
24	1391	Adjustable Endline Drip Head, $0-10I/h$	10	
25	8316	Adjustable Endline Drip Head (pressure equalizing), $1-8I/h$	5	
	Inline dri	ip heads for plant troughs		
26	8343	Inline Drip Head, 21/h	10	
27	8344	Inline Drip Head, 41/h	10	
28	8311	Inline Drip Head (pressure equalizing), 2 I/h	10	
29	8392	Adjustable Inline Drip Head, 0–101/h	10	
30	8317	Adjustable Inline Drip Head (pressure equalizing), 1–81/h	5	
	Start Set	ts for Planted areas		
	13015	Start Set Planted Areas	1	
	Nozzles	and Sprinklers for Planted areas		
31	1372	Endline Micro Strip Sprinkler	5	
32	1370	Micro Strip Sprinkler	5	
33	1396	6-Pattern Spray Nozzle	2	
34	1369	Micro Rotor Sprinkler 360°	2	
35	1371	Micro Mist Nozzle	5	
36	1365	Spray Nozzle 360°	5	
36	1367	Spray Nozzle 180°	5	
36	1368	Spray Nozzle 90°	5	
37	8320	Small Area Spray Nozzle	10	
38	8321	Small Area Spray Nozzle (4.6 mm 3/16")	10	
39	8364	Oscillating Sprinkler OS 90	1	
	Start Set	ts for Rows of plants		
	13010	Start Set Rows of Plants S	1	
	13011	Start Set Rows of Plants M	1	
	13012	Start Set Rows of Plants M automatic	1	
	1389	Start-Set Irrigation Line for Rows of Plants, subterranean,	1	
	Water Co	ontrols		
	1169	Water Timer	1	
	1890	Flex	1	
	1891	Select	1	
	1889		1	
	1892	Master	1	
	1874 19031	MultiControl duo	1 1 1	
	19031	smart Sensor	nart 1991	
	1867	Soil Moisture Sensor	nărt ¹ 1	
	1868	Extension Cable	1	
	1197	Water Distributor automatic	1	

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GARDENA My Garden

This is where you can design and plan your dream garden. The free online tool also offers automatic planning for sprinkler systems. www.gardena.com/uk/garden-life/garden-planner/

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Take a look: Here you will find helpful tips and step-by-step instructions. **Gardena UK**



The simple way to your own watering system

Would you like a convenient watering system in your garden?

- Information that will help you decide on the best solution.
- Arguments that make it easier to make your decision.
- Help with planning, from the sketch to the finished plan do-it-yourself planning instructions. Step by step.

Who and what else can help you

- GARDENA My Garden the free online tool also offers automatic planning for sprinkler systems. www.gardena.com/mygarden
- The GARDENA customer service team will answer your questions.
- Videos on YouTube with informative films about our irrigation solutions

More about GARDENA

Would you like to know more about gardens and GARDENA? Just take a look in our other brochures, visit our website at www.gardena.com/uk or subscribe to our free-of-charge newsletter.

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