

GARDENA "Quick & Easy" Micro-Drip-System

Accurate, Metered Irrigation Helps
Reduce Water Consumption



Step by Step Planning & Installation Guide

www.gardena.co.uk





New! "Quick & Easy" - Simple Connection Technology

For easy installation and
modification of your watering
system

Connect:

Push pipe over connector

Disconnect:

Press stainless steel clip and
pull off pipe



Fits original
GARDENA
Micro-Drip-System

Accurate, water-saving irrigation



Installing a GARDENA “Quick & Easy” Micro-Drip-System around your garden will ensure that your plants accurately receive the right amount of water for healthy growth.



Watering periods can be automatically controlled using a GARDENA automatic water timer. This will guarantee your garden is watered at the correct time of day, for the right length of time, even when you are out or away on holiday.



Using a GARDENA “Quick & Easy” Adaptor will make your new GARDENA Micro-Drip-System compatible with most micro irrigation systems.



Whether you are a complete beginner or an experienced gardener, this step-by-step guide will show you how to plan and install your own irrigation system.

How the system works



GARDENA's "Quick & Easy" Micro-Drip-System is a simple network of pipes which take water around the garden, watering plants with individual drip heads or small sprinklers.



1. Connecting to the water supply

The first part of a GARDENA "Quick & Easy" Micro-Drip-System is the Master Unit, a water filter and pressure regulator which prevents the water pressure exceeding 1.5 bar to ensure the system works correctly.



For complete flexibility fit a Twin Tap Connector to allow you to have a spare water outlet.



1354
Master Unit 2000



1355
Master Unit 1000

2. The water transport network

Connecting Pipe 13mm (1/2") is used to transport water to where it is needed.

A maximum of 120m of Connecting Pipe can be used from a single tap and can be routed around the back of containers, buried or covered with mulch.

GARDENA's "Quick & Easy" connections make connecting and disconnecting the pipe simple.



8339
4-Way Coupling
13mm (1/2")



8329
T-Joint 13mm (1/2")



8382
L-Joint 13mm
(1/2")



8356
Connector 13mm
(1/2")



8324
Plug 13mm (1/2")



How the system works



3. Taking the water to the plants

Supply Pipe 4.6mm (3/16") is used to take water from the Connecting Pipe 13mm (1/2") to plants, containers and hanging baskets.



No more than 15m should be used in any single branch from the Connecting Pipe. GARDENA's "Quick & Easy" connections make installing Supply Pipe simple and easy.

8334
4-Way Coupling
4.6mm (3/16")



8330
T-Joint 4.6mm
(3/16")



8381
L-Joint 4.6mm
(3/16")



8333
Reducing T-Joint
13mm (1/2") -
4.6mm (3/16")



8337
Connector 4.6mm
(3/16")



1323
Plug 4.6mm (3/16")



8338
Compatibility Adaptor
4.0mm (5/32") -
4.6mm (3/16")



4. Securing pipes in place

Connecting Pipe 13mm (1/2") and Supply Pipe 4.6mm (3/16") can be secured to walls and fences using Pipe Clips. Pipe Guides or Pipe Pegs can be used to fix Connecting Pipe or Supply Pipe into the ground. Pipe Guides can also be used to hold sprinklers in place.



8328
Pipe Guide 13mm
(1/2")



8327
Pipe Guide 4.6mm
(3/16")



1327
Pipe Peg 4.6mm
(3/16")



8380
Pipe Clip 13mm
(1/2")



8379
Pipe Clip 4.6mm
(3/16")



How the system works



5. Watering the plants

The following methods can be used to water your plants with GARDENA's "Quick & Easy" Micro-Drip-System:

Drip Heads

give a regular measured drip and are placed at the base of the plant. Some give a fixed flow rate, others are adjustable.

Use for containers, hanging baskets, hedges or individual plants in beds and borders.



Pressure Controlling Drip Heads automatically shut off when the water supply is turned off so preventing draining when used at the base of an incline.

Spray Nozzles

deliver a light spray, and come in a variety of spray patterns from 90° to 360°.

Use for beds, borders or vegetable plots.



Sprinklers

are mini-sprinklers which can water a range of different areas: square or rectangular, circular or long strips.

Use for beds, borders or vegetable plots.



Small Area Spray Nozzles can be adjusted in diameter from 10 to 40cm and are ideal for larger shrubs and bushes.



If you are planning a large network, use Shut-Off Valves to create separate sections.

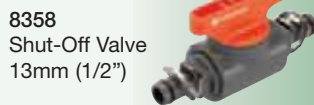
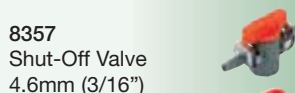
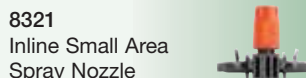
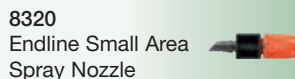
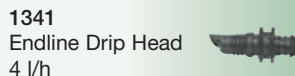
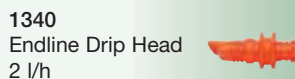
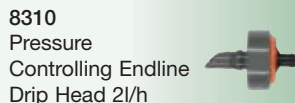
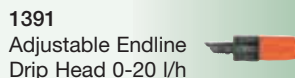
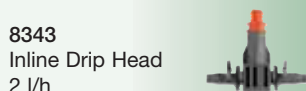



Table 1 - Drip Head, Sprinkler and Spray Nozzle guide

Article Number	Description	Flow Rate l/h	Spray Distance m	Where to Use				Uses
				Hanging Baskets	Troughs	Round Containers	Beds & Borders	
1340	Endline Drip Head 2l/h	2		•	•	•	•	Use at the base of individual plants
1341	Endline Drip Head 4l/h	4		•	•	•	•	
8343	Inline Drip Head 2l/h	2		•	•	•	•	
8344	Inline Drip Head 4l/h	4		•	•	•	•	
8349	Drip Head Set - 2l/h for 3 metres (10ft)	15x2		•	•	•	•	
8310	Pressure Controlling Endline Drip Head 2l/h	2		•	•	•	•	Use for individual plants at the base of inclines
8311	Pressure Controlling Inline Drip Head 2l/h	2		•	•	•	•	For watering large plants at the roots
1391	Adjustable Endline Drip Head 0-20l/h	0-20		•	•	•	•	Ideal for larger shrubs and bushes
8392	Adjustable Inline Drip Head 0-20l/h	0-20	0.1 - 0.4	•	•	•	•	Rectangular areas
8320	Endline Small Area Spray Nozzle	40	0.1 - 0.4	•	•	•	•	Use together to ensure complete area coverage
8321	Inline Small Area Spray Nozzle	40	0.1 - 0.4	•	•	•	•	
8360	Oscillating Sprinkler Vario 50	250	2.5-10r x 2.5-5 w	•	•	•	•	
1365	Spray Nozzle 360°	120	Radius 1.5-3.0	•	•	•	•	
1367	Spray Nozzle 180°	95	Radius 1.5-3.0	•	•	•	•	
1368	Spray Nozzle 90°	45	Radius 1.5-3.0	•	•	•	•	
1370	Micro Strip Sprinkler	60	Max 0.6x5.5	•	•	•	•	For coverage of long, narrow borders or troughs
1372	Endline Micro Strip Sprinkler	45	Max 0.6x2.75	•	•	•	•	For covering with a fine spray. Raise above leaves with extension pipe
1369	Micro Rotor Sprinkler 360°	85	Radius 1.5-3.5	•	•	•	•	For seedlings and delicate plants
1396	6-Pattern Spray Nozzle	35	Max 2.0	•	•	•	•	
1371	Micro Mist Nozzle	15	Radius 0.5	•	•	•	•	

8360
Oscillating
Sprinkler Vario 50



8362
Extension Pipe
for Oscillating
Sprinkler Vario 50



1396
6-Pattern Spray
Nozzle



1369
Micro Rotor
Sprinkler 360°



1365
Spray Nozzle 360°



1367
Spray Nozzle 180°



1368
Spray Nozzle 90°



1370
Micro Strip
Sprinkler



1372
Endline Micro Strip
Sprinkler



1371
Micro Mist Nozzle



1374
Control Valve



1377
Extension Pipe for
Spray Nozzles



8331
T-Joint for Spray
Nozzles 13mm
(1/2")



8332
T-Joint for Spray
Nozzles 4.6mm
(3/16")



How the system works



6. Create more freedom - add a water timer

Watering periods can be automatically controlled using a GARDENA automatic water timer. This will guarantee your garden is watered at the correct time of day, for the right length of time, even when you are out or away on holiday. All Water Computers and Timers require mains water pressure and a minimum flow rate of 20 l/h.



1830 Water Timer T 1030 card

Application: Basic watering systems - easy programming with data card storage.

Waters: 3 programmes per day, each from 1 to 180 minutes.

Sensor: Connection for 1188 Soil Moisture Sensor and 1189 Rain Sensor.



1825 Water Timer WT 1030

Application: Basic watering systems.

Waters: 3 programmes per day, each from 1 to 180 minutes.

1805 Water Timer electronic T 1030

Application: Basic watering systems.

Waters: 3 programmes per day, each from 1 to 120 minutes.

Sensor: Connection for 1188 Soil Moisture Sensor and 1189 Rain Sensor.



1810 Water Computer C 1030 plus

Application: Gives greater flexibility for more accurate control.

Waters: 3 programmes per day, each from 1 minute to 7 hours 59 minutes.

Sensor: Connection for 1188 Soil Moisture Sensor and 1189 Rain Sensor.

1815 Water Computer C 1060 profi

Application: Large, multi-channelled systems.

Waters: 6 programmes per day, each from 1 minute to 9 hours 59 minutes.

Sensor: Connection for 1188 Soil Moisture Sensor and 1189 Rain Sensor.



1833 Water Computer C 1060 profi/solar

Application: Large, multi-channelled systems. Powered by a solar cell and rechargeable battery.

Waters: 6 programmes per day, each from 1 minute to 9 hours 59 minutes.

Sensor: Connection for 1188 Soil Moisture Sensor and 1189 Rain Sensor.

1188 Soil Moisture Sensor **NEW**

Monitors the moisture level of the soil and if sufficient, interrupts or prevents the watering programme from taking place.

1835 Automatic Irrigation Set A 1020 Sensor **NEW**

Soil Moisture Sensor with Timer, with additional capacity to start irrigation if soil moisture level is too low.

1189 Rain Sensor

Monitors rainfall and if sufficient, interrupts or prevents the watering programme from taking place.



Run a lawn sprinkler with a water timer for controlled watering.

GARDENA Water Timers (excluding Water Computer C 1060 profi/solar) are powered by a 9v alkaline battery which will last for one full season.

How to water around the garden



1. Rows of plants and hedges



Vegetables, hedge rows and other rows of plants can be watered using Endline Drip Heads installed directly into Connecting Pipe 13mm (1/2"). Route the pipe along the base of the row and position each drip head at the base of each plant.



Shorter rows of plants can be watered by running Supply Pipe 4.6mm (3/16") along the row and inserting Inline Drip Heads into the Supply Pipe at the base of each plant. This method can only be used up to a maximum of 15m. Up to 20 Inline Drip Head 2 l/h can be installed in Supply Pipe of this length.

It's easy to get started with any application around the garden with the 1398 Start Set which includes an Electronic Water Timer. This set contains enough Connecting Pipe, Supply Pipe and drip heads to water 10 patio containers, 5m of troughs, 20 vegetable plants or 10 shrubs or bushes.





2. Containers, troughs and hanging baskets

Containers, troughs and hanging baskets are a colourful addition to any garden, but require regular watering to maintain the colourful blooms.



Route Connecting Pipe 13mm (1/2") behind your containers or troughs. For hanging baskets, fix up the wall and along behind the baskets.

Make branches off the Connecting Pipe with Supply Pipe 4.6mm (3/16") to each container, trough or hanging basket.



Install around 5 Inline Drip Heads 2 l/h per metre in the container or hanging basket.

The 1402 Start Set includes enough Supply Pipe and drip heads to water 5m of containers, troughs or hanging baskets.



For round containers or hanging baskets create a loop with the Supply Pipe.

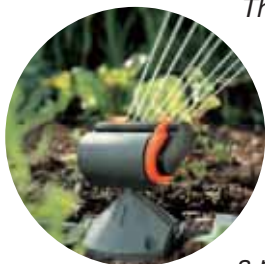


How to water around the garden



3. Beds and borders

When watering flower borders, beds or whole vegetable plots, it can be easier to use sprinklers or spray nozzles instead of lots of individual drip heads.



The Oscillating Sprinkler Vario 50 (8360) is ideal for square and rectangular areas. It is adjustable in both directions so that you need only water the area required. The length of spray is adjustable from 2.5 to 10 metres and the width from 2 to 5 metres. Add Extensions (8362) to lift above the plants if required. Connect up to a maximum of 4 sprinklers when spaced 10 metres apart, dependant upon the water pressure available.



Spray nozzles are used together in a border or bed to build up coverage of the whole area. Add Extensions (1377) to lift above the plants if required. Fit Control Valves (1374) if you need to reduce the spray distance.

Endline Micro Strip Sprinklers can be used with Micro Strip Sprinklers for watering long narrow borders or troughs. Install into Connecting Pipe. Add Extensions (1377) to lift above the plants if required.

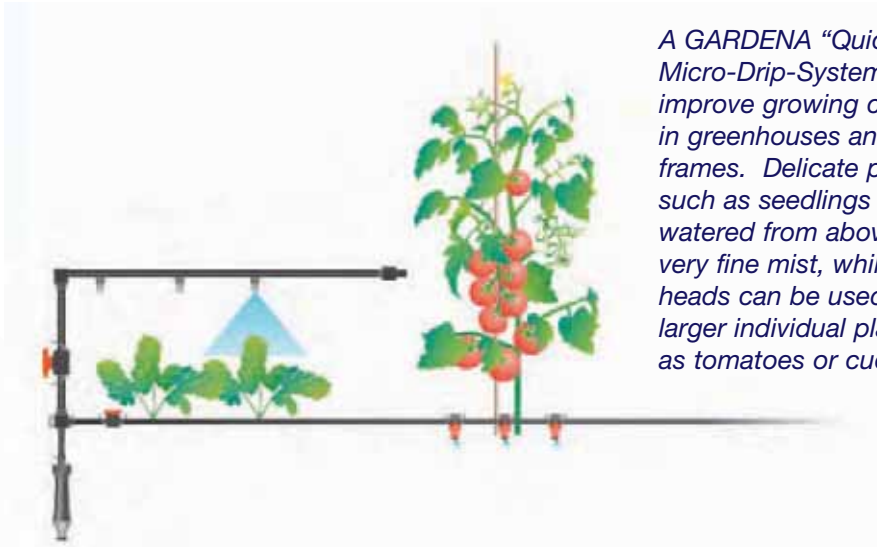


WATERING TIP:

We recommend watering beds, borders and vegetable plots for a prolonged period at least twice a week to ensure water reaches the lowest roots. The Oscillating Sprinkler Vario 50 and each spray nozzle distributes approximately 5 litres per square metre per hour. This corresponds to a seeping depth of approximately 5cm per hour, depending on the type of soil in your garden.



4. Greenhouses and cold frames



A GARDENA "Quick & Easy" Micro-Drip-System can help improve growing conditions in greenhouses and cold frames. Delicate plants such as seedlings can be watered from above by a very fine mist, whilst drip heads can be used to water larger individual plants such as tomatoes or cucumbers.



Micro Mist Nozzles (1371) give a very fine mist and are perfect for watering seedlings or damping down in hot weather. Run Connecting Pipe 13mm (1/2") along the roof of the greenhouse or cold frame. Install the Micro Mist Nozzles directly into the Connecting Pipe, spacing them approximately 50cm apart.

Tomatoes, cucumbers, peppers and other greenhouse plants are watered by positioning 2 litre per hour drip heads at the base of each plant.



Water Computer C 1030 plus could control watering in your greenhouse or cold frame. It gives accurate "by the minute" control and can be used with the Moisture Sensor.



Below and Above Ground Drip Irrigation Line

Water-conserving drip irrigation for beds, borders, hedges and lawns



The GARDENA Below and Above Ground Drip Irrigation Line is a permanently installed independent irrigation system with drip heads installed at intervals of 30 cm, which direct the water to the root area of the plants, so conserving water.

min. 0,5 bar
max. 4 bar

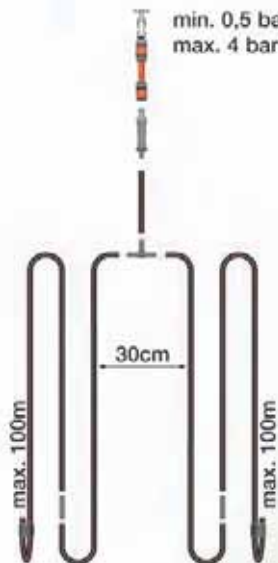
The drip irrigation line is suitable for installation either above ground (e.g. below hedges or in beds and borders), or for invisible underground irrigation (e.g. of lawn areas).



The pressure-compensating drip heads enable even watering over a pipe length of up to 200 m when the Master Unit is fitted in the middle.

The lines are laid at depth of approximately 20 cm in planted areas, and 10 cm in lawn areas.

A water timer or computer can be used in conjunction with the Drip Irrigation Line.



Recommended accessory:
Pipe guide (8328-20)



The drip heads are self-sealing so no dirt collects when the system is switched off, and have a root blocker to prevent any roots from entering inside the drip heads.



Please note:

The Below and Above Ground Drip Irrigation Line is a stand-alone system and should be run separate to the Micro-Drip-System.

Below and Above Ground Drip Irrigation Line (1389-20):
Contents: 50 m Drip Line, Master Unit 1000, End Piece and T-Piece

Extension Set for Below and Above Ground Drip Irrigation Line (1395-20):
Contents: 50 m Drip Line, Connector and End Piece



...for containers, troughs and window boxes
Fully automatic flower box watering

For watering up to 5-6m of containers. The water is supplied independently of a tap using a water container and pump (A). The pump transformer (B) features 13 pre-set programmes for fully automatic irrigation.

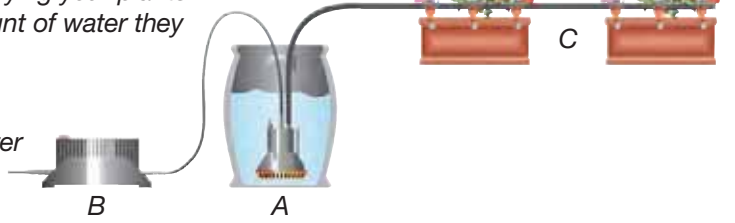


OK to use in hosepipe ban areas

NEW

Inline Drip heads with a flow rate of 2 l/h (C) supply water to your plants accurately and help to conserve water. You can also connect the GARDENA Rain Sensor electronic (1189) or Soil Moisture Sensor (1188) to the transformer to help conserve even more water while still supplying your plants with exactly the right amount of water they need to flourish.

Complete Set (without water container) 1407.



... for potted and indoor plants
Automatic irrigation while you are away on holiday

For watering up to 36 potted plants. The transformer (A) and the pump (C) activate the irrigation system for 1 minute per day. 3 drip distributors (B), each with different water flows and 12 outlets ensure accurate watering. The pipe pegs (D), which are also included in the set, secure up to 3 drip pipes per flowerpot.

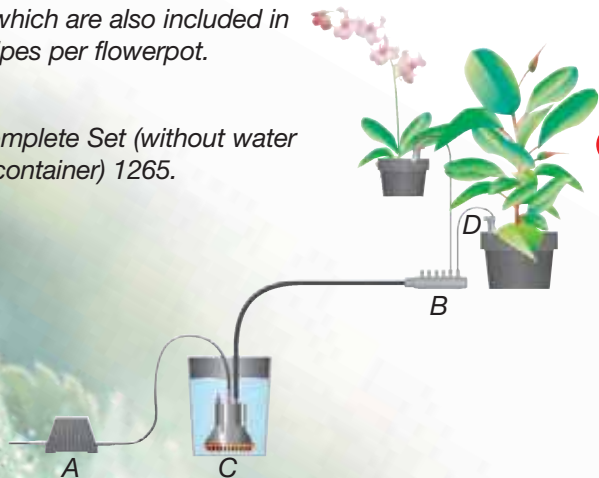
OK to use in hosepipe ban areas



NEW



Complete Set (without water container) 1265.



How to install the system



Now you understand the advantages of the GARDENA “Quick & Easy” Micro-Drip-System, installation is simple. A small system need not be planned on paper, but we would recommend planning a large system. Please see the ‘10 Simple steps to planning your garden’ on page 17.

1. Equipment

First of all you will need an Installation Tool for inserting drip heads and sprinklers into Connecting Pipe 13mm (1/2”). You will also need strong scissors to cut the pipe, a tape measure, and if you're fixing to hard surfaces such as walls or patio, a hammer drill, screws and wall plugs.



1322
Installation Tool



2. Connecting to the tap



To begin your system, you will need to connect a length of GARDENA hose to the outdoor tap using a 6005 Threaded Tap Connector and two 2915 Hose Connectors.

Attach the Master Unit to the Hose Connector at the end of the hose and, depending on your system, connect either Connecting Pipe 13mm (1/2”) or Supply Pipe 4.6mm (3/16”) to the other end of the Master Unit.





3. Laying out the Connecting Pipe

Uncoil and lay out the Connecting Pipe 13mm (1/2"). Up to 120m of Connecting Pipe can be used when only watering with drip heads, and up to 30m when watering with a mixture of drip heads, sprinklers and spray nozzles. Weigh it down until it relaxes. In cold weather place the coil in warm water to make it more flexible and easier to work with. Measure and cut the Connecting Pipe to fit around your watering area.



Use 4-Way Couplings (8339), L-Joints (8382) and Connectors (8356), including any T-Joints (8333) you need for branching to Supply Pipe, where required to create the network.

Fit Control Valves (8358) to shut off parts of your system.



Fit Plugs (8324) to close off ends of lines.



Secure with Pipe Guides (8328) and Pipe Clips (8380) as required.



4. Fitting the Supply Pipe

The Supply Pipe 4.6mm (3/16") can now be fitted to the Connecting Pipe 13mm (1/2"). There are 2 ways of doing this:

1. Push the Supply Pipe onto the T-Joints (8333) which you have already installed in the Connecting Pipe.

2. Take the Installation Tool (1322) and gently pierce the Connecting Pipe where you need the branch - take care not to make the hole too large. Screw in the Connector (8337).

Route the Supply Pipe to the plants and cut to length.

Secure with Pipe Pegs (1327) or Pipe Guides (8327) as required.



How to install the system

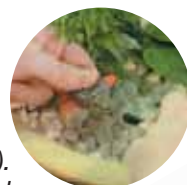


5. Watering the plants

There are two recommended methods of installing drip heads and Small Area Spray Nozzles:

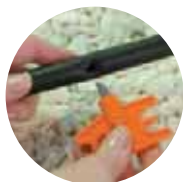


1. Endline Drip Heads and Small Area Spray Nozzles can be screwed directly into the wall of the Connecting Pipe 13mm (1/2") using the Installation Tool (1322).



2. Inline Drip Heads or Inline Small Area Spray Nozzles can be fitted into the length of Supply Pipe 4.6mm (3/16"). Alternatively, Endline Drip Heads or Endline Small Area Spray Nozzles can be fitted at the end of the Supply Pipe. If a method of watering is not required at the end of the Supply Pipe, it can be sealed by using a Plug (1323).

There are two recommended methods of installing spray nozzles and sprinklers:



1. Spray nozzles can be screwed directly into the wall of the Connecting Pipe using the Installation Tool (1322).

2. Spray nozzles and sprinklers can be inserted into T-Joints for Spray Nozzles (8331). To water plants from above, raise spray nozzles or sprinklers by inserting Extension Pipe (1377) into the T-Joints for Spray Nozzles (8331).



6. Maintenance

	Autumn	Spring
Water Timers/ Computers	Remove batteries. Store indoors away from frost.	Insert new 9v alkaline battery. Re-programme as required.
Solar Water Computer	The Water Computer C 1060 profi/solar must be stored in a light, frost free environment.	Re-programme as required. If used correctly, the rechargeable battery will only require replacing after 5-7 years.
Drip Heads, Sprinklers and Spray Nozzles	Leave in place, but take care not to damage them when cutting back plants.	Check for clogging. If necessary, disconnect from pipe and remove scale and dirt by soaking in equal parts of vinegar and water. Can be dismantled for cleaning.
Master Unit	Remove and store away from frost. Close off pipe with Plug (8324/1323) Clean filter.	Re-fit at start of season.

What size system can I run from my tap?



The amount of water you get from your tap will determine the number of drip heads and sprinklers you can run on your system. To calculate this, follow these simple step-by-step instructions:

Step 1: Remove all fittings from the tap and place a 10 litre bucket under it.

Step 2: Turn the tap on fully and time in seconds how long it takes to fill the bucket.

Step 3: Write your bucket fill time here:



Using table 2, you can now find out how much water you have available to run your planned system.

Table 2 - Calculation of water available

Bucket fill times Select your nearest bucket fill time	Water available if using Drip Heads only	Water available if using Drip Heads, Spray Nozzles, Sprinklers, Mist Nozzles
Up to 14 Seconds	1800 Litres per Hour	1500 Litres per Hour
15 to 19 Seconds	1700 Litres per Hour	1400 Litres per Hour
20 to 24 Seconds	1300 Litres per Hour	1000 Litres per Hour
25 to 29 Seconds	1000 Litres per Hour	700 Litres per Hour
30 to 34 Seconds	800 Litres per Hour	500 Litres per Hour
35 to 39 Seconds	700 Litres per Hour	400 Litres per Hour
40 to 44 Seconds	600 Litres per Hour	300 Litres per Hour
45 to 49 Seconds	500 Litres per Hour	200 Litres per Hour
50 to 54 Seconds	400 Litres per Hour	Not Recommended
55 to 60 Seconds	300 Litres per Hour	Not Recommended
60 Seconds and more	Not Recommended	Not Recommended

What size system can I run from my tap?



Now calculate the flow rate required to run your desired GARDENA "Quick & Easy" Micro-Drip-System. To do this, refer to table 1 on page 6 which shows how many litres per hour each drip head, spray nozzle or sprinkler uses. Add up the total flow rate for your required system and write it here:

Total Required Litres per Hour



You can use the Total Required Litres per Hour (above) to find out whether you need to use the Master Unit 1000 (which delivers a maximum of 1000 l/h) or the Master Unit 2000 (which delivers a maximum of 2000 l/h).

If the Total Required Litres per Hour (above) is the same or less than the water available to you (as shown in Table 2 opposite), then your planned system will work. If it is more, there are two options:

1. Take another look at your system. Is it possible to use less drip heads, spray nozzles, sprinklers or Mist Nozzles? Is it possible to use drip heads (which use a lot less water) in place of spray nozzles and sprinklers?
2. Separate your system into smaller areas and run one at a time. See Table 3 below:

Table 3 - Calculation of the number of smaller areas needed in your system

Required water in Litres per Hour (A)	Available water in Litres per Hour (B)	Separate into (A) / (B)
Example 1: 2500	1300	2500 / 1300 = 2 areas
Example 2: 5000	1000	5000 / 1000 = 5 areas

Solution for example 1:

Run two systems from one tap by using a Twin Tap Connector (1210).



Solution for example 2:

Automatic Water Distributor (1198). You can run up to 6 watering systems off your tap by using an Automatic Water Distributor in conjunction with GARDENA Water Computer C 1060 profi and GARDENA Water Computer C1060 profi/solar. Please note that each watering system will need to be regulated by a Master Unit.

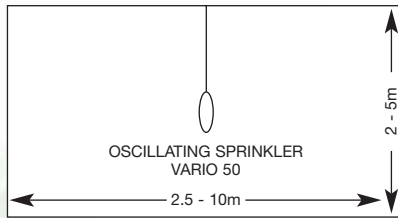
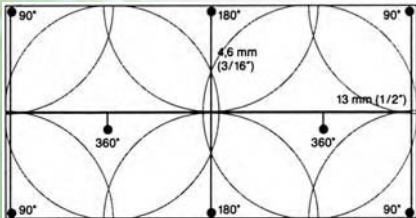


10 Simple steps to planning your garden



If you are installing a large system including beds, borders and vegetable plots it is better to plan it on paper. To do this, you will need paper, coloured pencils and a long tape measure. First of all, make a sketch of your garden in plan view (looking down) on a spare piece of paper.

1. In your sketch include house walls, fences, paths, patios, trees, beds, borders, vegetable plots and of course the garden tap.
2. Take measurements of all the different parts of your garden.
3. Re-draw your plan onto the squared paper provided. Every 1cm² should represent 1m².
4. On the beds, borders and vegetable plots take a compass and draw in the spray nozzles and sprinklers. Mark each type of spray nozzle or sprinkler as a different colour. For example a Spray Nozzle 360° as a purple circle or a Rotor Sprinkler as an orange circle.



5. Mark the positions of pots, tubs, troughs and hanging baskets.
6. Draw in the Connecting Pipe 13mm (1/2") in black pencil showing all connectors and shut-off valves.
7. Draw in the Supply Pipe 4.6mm (3/16") using a blue pencil.
8. Draw in the drip heads. You can use a different coloured triangle for each type. For example 2 l/h as red triangles, 4 l/h as green triangles.
9. Count all drip heads, spray nozzles, Mist Nozzles, sprinklers and connectors. Refer to Table 1 on page 6.
10. Add up all lengths of Connecting Pipe and Supply Pipe (1cm = 1m)

Refer to the shopping list opposite and complete the column "Quantity Required" to make up your list of all the components you require for your GARDENA "Quick & Easy" Micro-Drip-System.

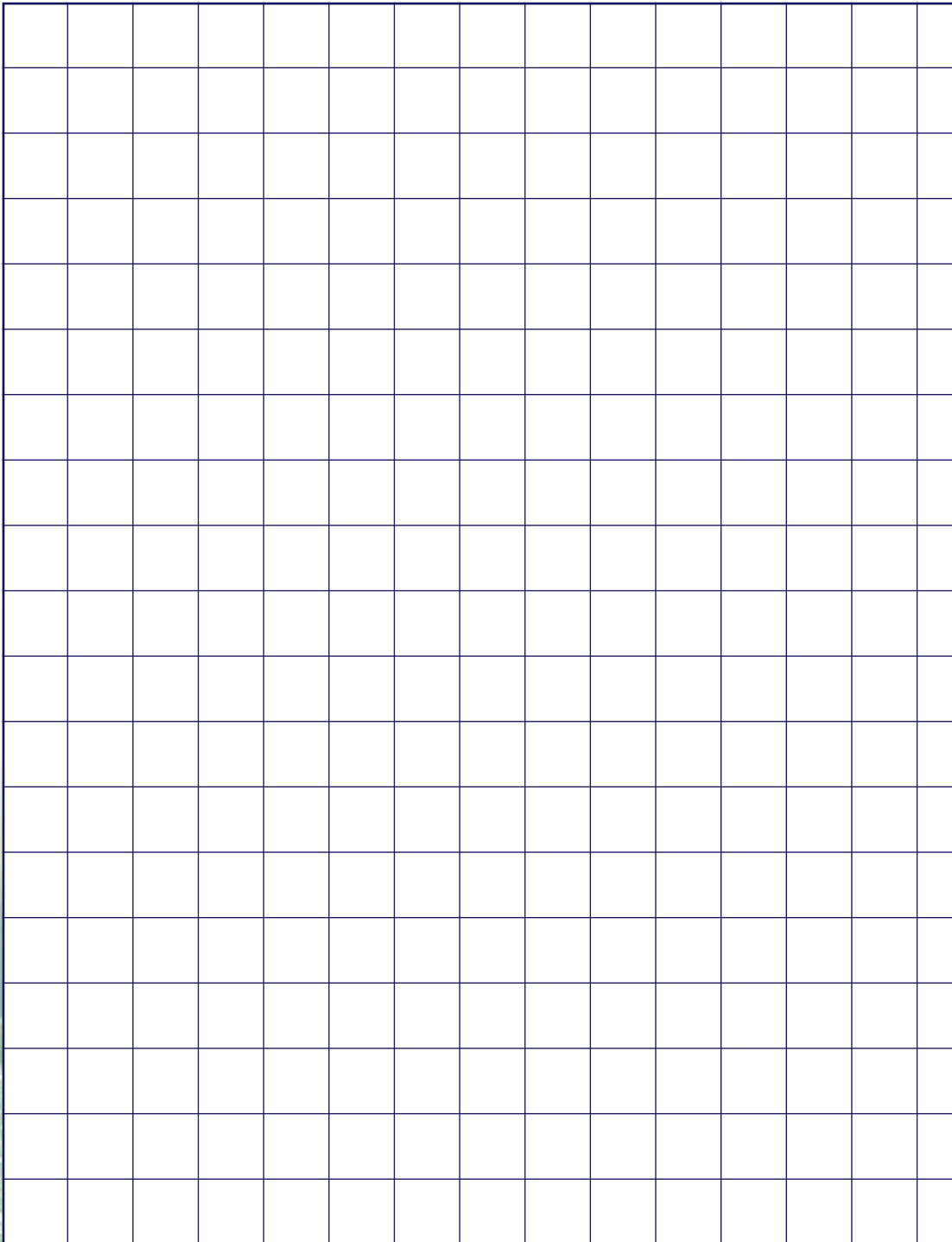


For more information and for your local stockist visit: www.gardena.co.uk

Article Number	Article Description	Quantity in Pack	Qty. Req'd
Connect to the tap			
6005	Threaded Tap Connector 21mm (1/2"), 23mm (5/8"), 26.5mm (3/4")	1	
1210	Twin Tap Connector for Taps with 26.5mm (3/4") - 33.3mm (1") Threads	1	
2915	Standard Hose Connector for 13mm (1/2") Hose	1	
1805	Water Timer electronic T 1030	1	
1810	Water Computer C 1030 plus	1	
1815	Water Computer C 1060 profi	1	
1825	Water Timer WT 1030	1	
1830	Water Timer T 1030 card	1	
1833	Solar Water Computer C 1060 profi	1	
1835	Automatic Irrigation Set A 1020 Sensor	1	
1354	Master Unit 2000	1	
1355	Master Unit 1000	1	
The water transport network			
1346	Connecting Pipe 13mm (1/2") 15m	1	
1347	Connecting Pipe 13mm (1/2") 50m	1	
8339	4-Way Coupling 13mm (1/2")	2	
8329	T-Joint 13mm (1/2")	2	
8331	T-Joint for Spray Nozzles 13mm (1/2")	5	
8382	L-Joint 13mm (1/2")	2	
8356	Connector 13mm (1/2")	3	
8324	Plug 13mm (1/2")	5	
8328	Pipe Guide 13mm (1/2")	3	
8380	Pipe Clip 13mm (1/2")	2	
8358	Shut-Off Valve 13mm (1/2")	1	
Taking water to the plants			
1348	Supply Pipe 4.6mm (3/16") 50m	1	
1350	Supply Pipe 4.6mm (3/16") 15m	1	
8334	4-Way Coupling 4.6mm (3/16")	10	
8330	T-Joint 4.6mm (3/16")	10	
8332	T-Joint for Spray Nozzles 4.6mm (3/16")	5	
8333	Reducing T-Joint 13mm (1/2") - 4.6mm (3/16")	5	
8381	L-Joint 4.6mm (3/16")	10	
8337	Connector 4.6mm (3/16")	10	
1323	Plug 4.6mm (3/16")	10	
1327	Pipe Pegs 4.6mm (3/16")	10	
8327	Pipe Guide 4.6mm (3/16")	3	
8379	Pipe Clip 4.6mm (3/16")	5	
8357	Shut-Off Valve 4.6mm (3/16")	2	
8338	Compatibility Adaptor 4.0mm (5/32") - 4.6mm (3/16")	6	

Article Number	Article Description	Quantity in Pack	Qty. Req'd
Watering the plants			
8392	Adjustable Inline Drip Head 0-20 l/h	10	
8311	Pressure Controlling Inline Drip Head 2 l/h	10	
8343	Inline Drip Head 2 l/h	10	
8344	Inline Drip Head 4 l/h	10	
1391	Adjustable Endline Drip Head 0-20 l/h	10	
8310	Pressure Controlling Endline Drip Head 2 l/h	10	
1340	Endline Drip Head 2 l/h	25	
1341	Endline Drip Head 4 l/h	25	
8349	Drip Head Set for 3 metres (10 ft) of flower boxes	1	
8320	Endline Small Area Spray Nozzle	10	
8321	Inline Small Area Spray Nozzle	10	
8360	Oscillating Sprinkler Vario 50	1	
1396	6-Pattern Spray Nozzle	2	
1369	Micro Rotor Sprinkler 360°	2	
1365	Spray Nozzle 360°	5	
1367	Spray Nozzle 180°	5	
1368	Spray Nozzle 90°	5	
1370	Micro Strip Sprinkler	5	
1372	Endline Micro Strip Sprinkler	5	
1371	Micro Mist Nozzle	5	
Accessories			
1188	Soil Moisture Sensor	1	
1189	Rain Sensor	1	
1198	Automatic Water Distributor	1	
1322	Installation Tool	1	
1374	Control Valve	5	
1377	Extension Pipe for spray nozzles	5	
8362	Extension Pipe for Oscillating Sprinkler Vario 50	2	
Start sets			
1398	Starter Set with Water Timer T14e	1	
1402	Starter Set for Hanging Baskets and Flower Boxes	1	
Below and Above Ground Drip Irrigation			
1389	Below and Above Ground Drip Irrigation Line	1	
1395	Extension Set for Below and Above Ground Drip Irrigation Line	1	
Watering Without a Tap			
1407	Fully Automatic Flowerbox Watering	1	
1265	Holiday Watering Set	1	

Scale: $1\text{cm}^2 = 1\text{m}^2$



Your local GARDENA "Quick & Easy"
Micro-Drip-System stockist is:

"Quick & Easy" connections!

"Quick & Easy" Adaptor makes your
new GARDENA Micro-Drip-System
compatible with most micro irrigation
systems!



 **GARDENA**[®]
Live your garden

www.gardena.co.uk

 **GARDENA**[®]