

Easy Watering Design Pack

Please take your time to read through this carefully for us to help you determine your irrigation system requirements.

What is Automatic Watering?

Automatic watering is a method of delivering water throughout the garden effortlessly with a simple network of pipes and outlets hidden around the garden. Watering systems can range from pop up sprinklers for the lawn, micro jets for covering borders and drip emitters for watering smaller planted areas, plant pots and tubs. This Design Pack will help guide you through the information we require to get a system designed for you and to inform you of what is available for your requirements.

Wise Watering Solutions

Here at Easy Watering we have chosen the best irrigation products for bespoke automatic watering systems that are not only excellent quality and durable, but also efficient in the distribution of water, meaning that you could possibly save up to 80% water usage compared to watering using the traditional hose pipe. This efficiency has now been recognised by water authorities and is why they made drip irrigation systems exempt from the 2012 hosepipe ban.

Utilising Rain Water with Water Butts and Rain Water Harvesters

Our products are also able to use rain water, meaning that you can help the environment by recycling the water that has been collected by water butts and rain water harvesters throughout your garden. To be able to use the water stored in water butts and rain water harvesters, you will need to use an irrigation pump suitable for the system type that you intend to install. Details can be found on the pumps comparison page in the help centre on the website

Pop Up Sprinkler Systems

Generally used for lawn watering but can also be used within flower beds as well, these are the ultimate in automatic watering as they are completely hidden from view when not in use. These are fast becoming the popular choice for home owners throughout the UK and are the perfect addition to a home of any size. These do require some careful planning and an accurate pressure reading is essential to be able to plan a system of this type.

Drip Systems for flowers, trees, shrubs, fruit and vegetables

Drip systems come in a variety of types, but the method is the same; apply small doses of water regularly and precisely to the plants requiring water, by doing so, you can save up to 80% compared to using the traditional hose pipe method. This type of system can be used for almost all plants in the garden; including those listed in the title and also hedges, hanging baskets potted plants and pretty much any that you can think of. It can also be used for the lawn, but this isn't cost effective and not what we'd recommend.

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Micro Jets and Sprinklers for borders, vegetable patches and other large areas

These are widely used throughout gardens and are very popular as they provide a good soaking spray over a large area making them cost effective compared to a drip system. When a system like this is turned on, you'll see a fantastic spray of water disperse through the air soaking your plants just like rain.

Preparing the required information for your design

Which type of system do you require?

From the information that we have provided above, please specify which of the systems you'd like for us to design for.

System Type(s):.....

Calculate the pressure and the flow of your water source

Pressure

(force exerted by water on a given surface)

Expressed in bar, it is measured using a pressure gauge connected to your water source. If you do not have a pressure gauge, you can rent one from pressure gauge rental for the cost of delivery and a refundable deposit. For a water system to function correctly, you must have a pressure reading of at least 1.5 bar. If your pressure exceeds 5 bar pressure then you must use a pressure reducer.

Flow

(quantity of water provided during a given time)

Expressed in litres per minute, you can easily measure this with a bucket and the calculation below. Simply take a bucket (doesn't matter what size it is, but you need to know the volume to be able to complete the calculation) and then time how long it takes to fill it up. From this exercise you will then be able to follow the formula below to determine the flow rate coming from your water source.

$(\text{Volume of container} \div \text{Time to fill container}) \times 60 = \text{Litres per minute}$

Using a pump?

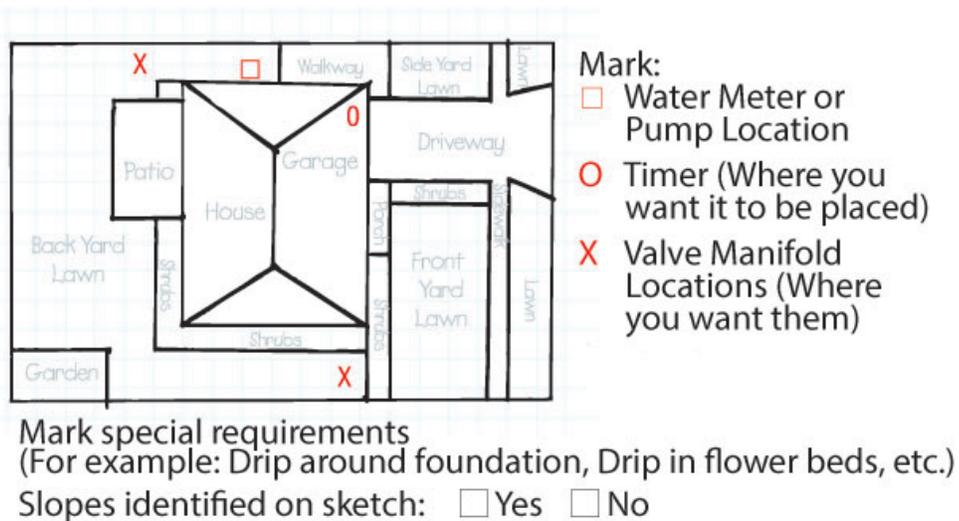
If you intend to use a pump, please submit the performance data for the given pump, or if you'd like, we can determine a pump that would be suitable for the requirements of the system you choose to have.

Drawing a map of your Garden

To be able to accurately determine your requirements, you must submit an accurate representation of your garden, without which, we would end up designing a system that would not work for your garden. Don't worry, below is a helpful guide to how to draw the map of your garden

- Start the map by locating the house and the property line (remembering to accurately measure this with a tape measure)
- Draw the paths, terraces, sheds etc.
- Indicate those areas which are to be watered & which are not to be watered
- Also indicate the location of trees, shrubs, hedges and flower beds.
- It is important to mark where the water source is on the map (with the type and size)
- Location of controller and location of valve manifold (if not using a tap timer)
- See below for an example of a drawing

Please indicate the lot dimensions on your sketch.



What's next?

When you have completed drawing out your garden, we would prefer to receive it via email. If this is not possible, then you are more than welcome to send it by post. Please note however that we do not respond via post so a correct email address will be required.

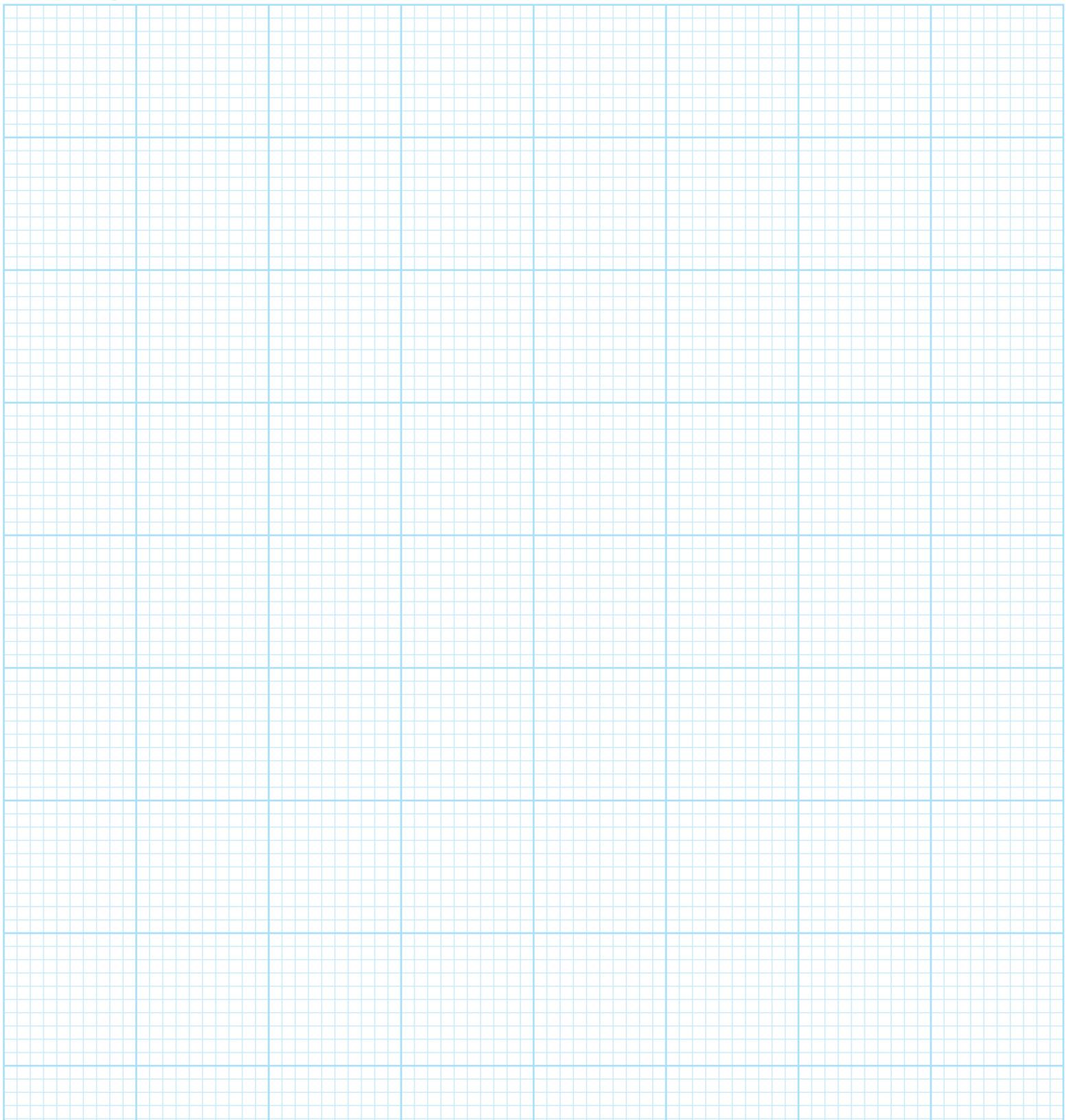
After we have received your design, we will start work as soon as possible to determine your requirements and to build a bespoke shopping list for you. Please allow up to 10 working days for this.

When we have sent you the bespoke shopping list, and you have decided that you would like to proceed, we will take payment and get the order shipped to you (generally the next working day) along with a copy of the plan we used to determine your requirements and instructional information to help you during installation.

If for whatever reason during installation you get stuck and desperately need to talk to an expert, you are more than welcome to give us a call on our technical line for advice and guidance.

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Property Sketch



Mark:

- Water Meter or Pump Location
- Timer (Where you want it to be placed)
- Valve Manifold Locations (Where you want them)
- North

Accuracy is important. Mark the scale of your drawing

- 1 large square = 1 metre. For plots less than 8m x 10m
- 1 large square = 10 metres. For plots less than 80m x 100m
- 1 large square = 20 metres. For plots less than 160m x 200m

Easy Watering respects your privacy. This form is to gather information in order to do business with you. We do not sell, rent, loan or transfer any personal information. We may disclose this information if we believe that we are required to do so by law, such as in response to a government or court order or other legal process. If you wish to correct information, would like more information regarding our privacy policies or do not wish to receive further communication from us then please email us at info@easywatering.co.uk

Name: _____ Property: _____

Lot Dimensions: _____