

HOW TO GET AN IRRIGATION SYSTEM DESIGNED AND QUOTED IN 5 STEPS



Having a sprinkler system turns hours of watering and a daily struggle into the reliable automated process. Your lawn and garden should work for you, and we are determined to show you that planning your own irrigation design can be a very simple task with a little guidance and 5 simple steps to follow.

STEP 1. PERFORM A FLOW TEST

In order to design your irrigation system, it's important to determine the water pressure and or flow of your mains water or the specification of your pump.

All professional quality drippers and sprinklers have manufacturers data available about their individual pressure and flow requirements. The available water coming through the water lines influences how many sprinklers or drippers can operate in any one event. It's a good idea to test the flow around the time you plan using the irrigation system, as that will give you a more precise reading.

One way to determine water pressure and flow is to use a testing device which is available from Waterpro.

Another way which may be easier to test, only requires a standard 9 litre bucket and a timer. The idea is to completely turn on a garden tap, then start filling the bucket and time how long it takes to fill. Do this directly from the tap, not through a garden hose.

Alternatively, you can use any size container, as long as you know the litre capacity, then use the formula below to determine the litres per minute.

Container size ÷ seconds to fill x 60 = litres per minute (l/m)

For a 9 Litre bucket - Time Taken (Seconds)															
3	4	5	6	7	8	9	0	11	12	14	16	18	20	22	24
180	135	108	90	77	68	60	54	49	45	39	34	30	27	25	23
= Litres per minute															

STEP 2. MEASURE AND DRAW

Using our irrigation planner or graph paper draw (to scale) as many features as possible from a birds-eye view. Mark out the water source(s), lawn, driveway, house/veranda/patio, and plants, garden beds, herb/vegetable patches or water features etc., and anything else relevant. The more information you provide, the more accurate the plan will become.

The scale recommended is 1cm = 1 metre. However, if you have a larger garden, it is also possible to use 1cm = 2 metres.

From this sketch, Waterpro will recommend what you need to get the most efficient irrigation performance for your garden.

STEP 3. PRODUCTS, DESIGN AND INSTALL

Now that you have completed steps one and two, it's time to get in touch with Waterpro. You can bring your sketch and flow test results in-store to Waterpro, or email them to: sales@railways.net

Our design team will prepare a design and email you a no obligation quote within approximately five business days.

STEP 4. MAKE A DECISION

Once you decide to proceed with the system, you can either accept our quote online, pay via Paypal or Credit Card and Waterpro will pack all the gear up with the irrigation design and either ship it to your door or have it ready for collection.

STEP 5. RECEIVE ONGOING SUPPORT

We pride ourselves on our personal service to you so once the system is supplied we are still here to help, you can feel comfortable knowing you can still reach out with any issues you may have. In addition to this, we have extensive YouTube tutorials for easy-to-see demonstrations, and explanations available to watch anytime.