



This document will help you develop your irrigation map, taking into account all the parameters of your project.

STEP 1

YOUR IRRIGATION PROJECT Determine the characteristics of your water supply

PRESSURE

_____ bar

Pressure: force exerted by water on a given surface

Measure the pressure of your installation

Installation pressure is measured by a gauge that is connected to your water inlet faucet and it is expressed in 'bar'. If you do not have a pressure gauge, ask the water company to indicate the water pressure or ask your professional contractor for help.

To operate correctly, your installation must have at least 2 bar. If your pressure exceeds 5 bar, a pressure reducer is recommended.

FLOW

_____ m³/h

Flow: quantity of water provided during a given time

Calculate the flow of your installation

You can find the flow rate on your water bill expressed in cubic meters per hour (m³/h). Or, you can also check the flow yourself by filling a 10-liter bucket with water from the nearest tap to the irrigation connection and checking how long it takes to fill up the bucket (in seconds). Your professional contractor can also calculate the flow for you. To operate correctly, your installation must have a minimum flow of 1.5 m³/h.

CALCULATION OF THE FLOW

Example: It takes 10 seconds to fill our bucket with 10 liters

Contents (liters)

Time (seconds)

x 3.6 = flow in m³/h

Using the formula:

10/10 x 3.6 = 3.6 m³/hours

If you use a pump, refer to the technical note which indicates the pressure and the flow available.

STEP 2

YOUR IRRIGATION PROJECT Information needed to draw the map of your garden

Fill out the form below.

Name: _____

Address: _____

Country: _____

Phone: _____

Email: _____

Date: _____

Contractor: _____

Project completion scheduled for: _____

PRESSURE: _____ bar

FLOW: _____ m³/h

Cold Climate (system might freeze during winter time)?

Yes

No

What is the water source?

Water Main

Borehole Depth: ___ m

Water Well Depth: ___ m

Important: Please clearly indicate the water source location in your map

Pipe type and sizing?

Pipe Diameter: ___ mm (external diameter)

LD PE (soft black plastic)

Copper

Steel

PVC (hard grey plastic)

Other

What type of controller do you want to use?

230/24V WiFi-ready controller

230/24V controller (power available)

9V battery-powered controller (power not available)

Important: Please clearly indicate the controller location in your map

Location of electric valves:

Outside (in a valve box)

Garage / technical premises

Important: Please clearly indicate the location of the electric valves in your map

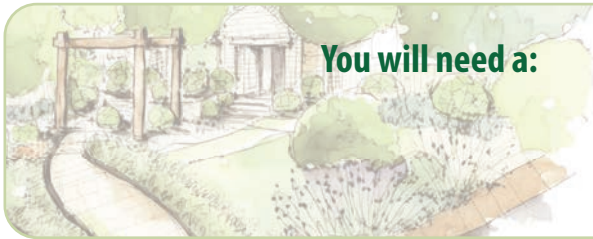
Comments:



STEP 3

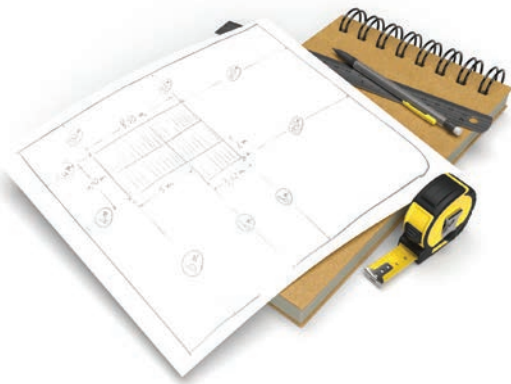
YOUR IRRIGATION PROJECT

Draw a map of your garden



You will need a:

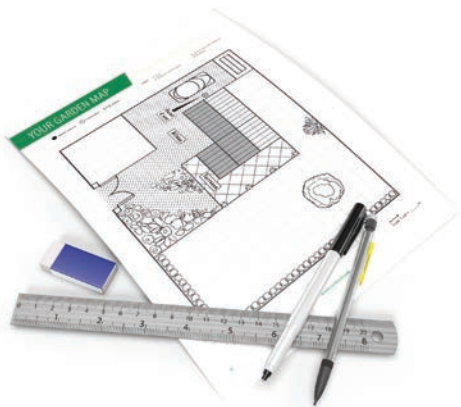
- Sheet of paper
- Tape measure
- Compass
- Pencil
- Felt-tip pen
- Ruler
- Eraser



1

Start the map of your garden by locating the house and the property line.

- Draw the sidewalks, terraces, sheds, etc. using an angle of the house as a reference point.
- Indicate those areas which are to be watered and which are not to be watered.
- Also indicate the location of trees, shrubs, hedges and flower beds.



2

After carefully completing the map, copy it on to the enclosed sheet of graph paper.



3

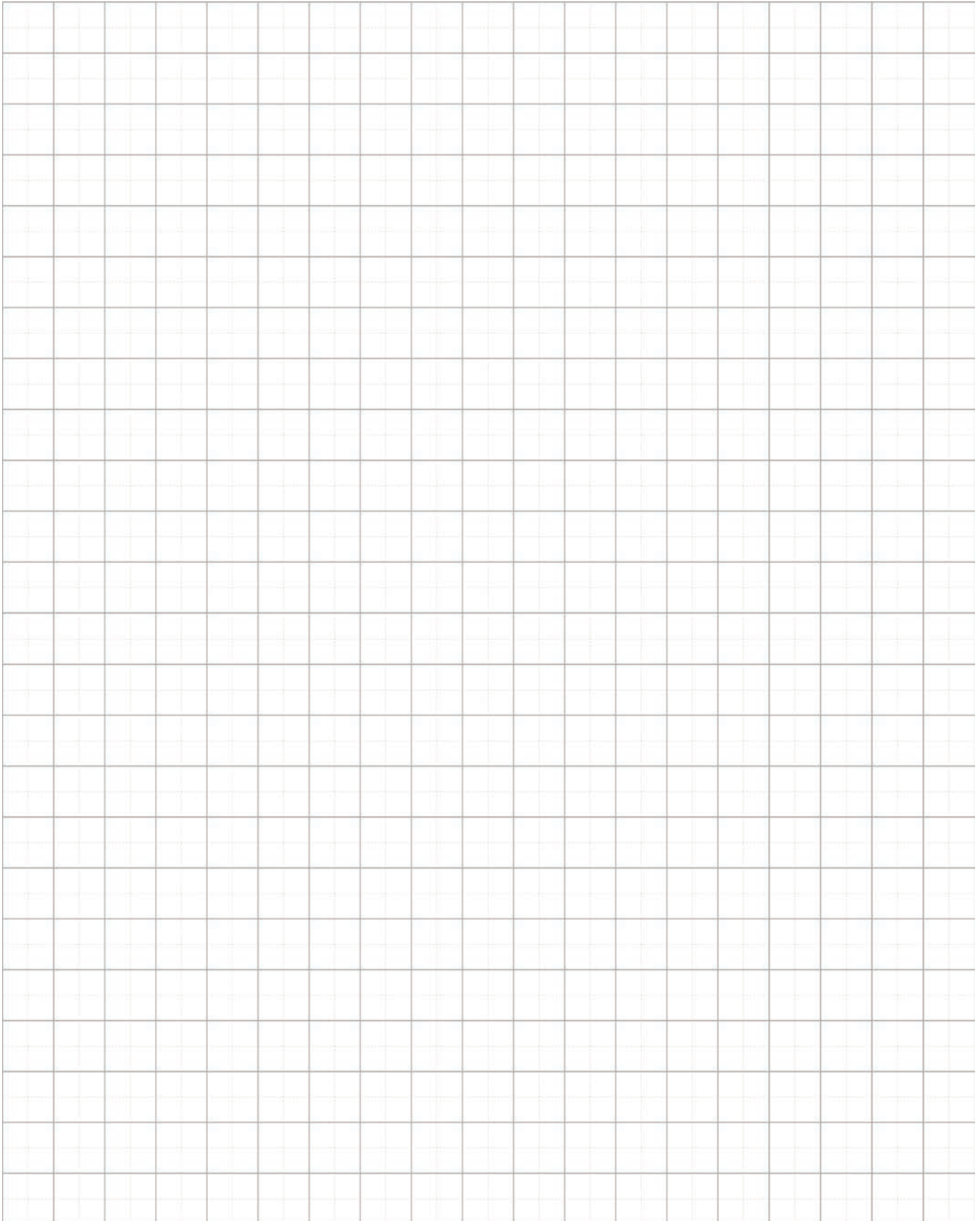
To get a professional design of your irrigation system, bring your garden map to your dealer.

YOUR GARDEN MAP

YOUR IRRIGATION PROJECT

ZONES: 1: Turf 3: Areas not to be watered 5: Trees
2: Flowers and hedges 4: Building

● Water source Ⓛ Controller ✕ Valves



↔
Scale: 1 cm = ____ m