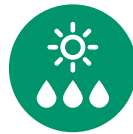


Solar Automatic
Watering Systems


Irrigation

WEATHER RESPONSIVE SMART IRRIGATION CONTROLLERS





INTRODUCTION

The more sun: the more it waters.

Irrigatia weather responsive SMART irrigation controllers uniquely use solar power to detect the weather and alter watering according to the weather conditions and the season, providing plants with the precise irrigation they need to help them thrive.

ECO – Use the Water Butt or Tank Series – ideal for gardens or allotments where no tap is available.

EASY – Waters automatically with minimal supervision. Easy to install and set up.

EFFICIENT – By altering the watering according to the weather conditions the Irrigatia SMART controllers make the most efficient use of water.

THE IRRIGATIA RANGE

Irrigatia kits are ideal for a wide range of watering applications, such as pots, raised beds, hanging baskets, vertical/green walls, vegetables and greenhouses. Depending on what you need to water, we've provided the details to help you to decide which of our irrigation systems are right for you.

For small to medium gardens or greenhouses, there's the **Water Butt Series**. These units are water butt friendly sizes – a 200 litre water butt will last around 2 weeks for the C12L and around a week for the C24L – for larger gardens use multiple units attached to different water butts around the garden.

For more intensive watering or those applications requiring a greater volume of water, we have the **Tank Series**. These units require two or more water butts linked together or the capacity of a rainwater tank – at least 1,000 litres of stored water is recommended.

Whichever solution you select, you can be assured of Eco, Easy and Efficient watering, powered by the sun to deliver the right amount of water at the right time, automatically and with minimal supervision. Simply relax, and let Irrigatia help you to achieve truly impressive results.

WATER BUTT SERIES



C12L

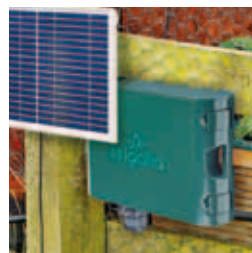


C24L

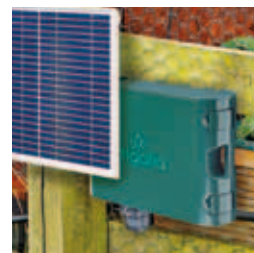
TANK SERIES



C60



C120



C180



WATER BUTT SERIES

SOL-C12L KIT

Irrigatia weather responsive SMART irrigation controllers uniquely use solar power to detect the weather and alter watering according to the conditions and the season, providing plants with the precise irrigation they need to help them thrive.

The Irrigatia SOL-C12L Kit is easy to install and set up, and will water automatically with minimal supervision. Ideal for small to medium gardens or allotments, and can be used for pots, raised beds, hanging baskets, vegetables and greenhouses.

PRODUCT CODE: IRR-SOL-C12L



SOL-C24L KIT

The Irrigatia SOL-C24L Kit offers all the benefits of the SOL-C12L Kit with even more features, thanks to the extra power it generates from its larger solar panel. This powerful unit can run drippers, seephose and micro-porous hose, giving you maximum flexibility with minimum time and effort.

The larger solar panel doubles the maximum amount of water emitted by each dripper compared to the C12L, enabling the system to water larger and more plants.

PRODUCT CODE: IRR-SOL-C24L





TANK SERIES

SOL-C60 KIT

This kit has 5 times the capacity of the SOL-C12L. It comes with a 5w solar panel on a 5m lead, a second pump for feeding your plants, and 25m of 13mm backbone tube to which you connect either the 20 dripper extension kits or microporous hose kits, using the punch provided in the kit.

This can water 60 IU's – up to 60 drippers or 60m of Micro-Porous hose or a combination of both.

PRODUCT CODE: IRR-SOL-C60



SOL-C120 KIT

This is the kit for the serious gardener, with 10 times the capacity of the SOL-C12L. It comes complete with a secondary feed pump, a separate 10w solar panel with 5m lead, and 25m of 13mm backbone tube to which you connect either the 20 dripper extension kits or microporous hose kits, using the punch provided in the kit.

This can water 120 IU's – up to 120 drippers or 125m of Micro-Porous hose or a combination of both.

PRODUCT CODE: IRR-SOL-C120



SOL-C180 KIT

This is the ultimate kit for the eco gardener, with 15 times the capacity of the SOL-C12L. It comes complete with a secondary feed pump, a separate 15w solar panel with 5m lead, and 25m of 13mm backbone tube to which you connect either the 20 dripper extension kits or microporous hose kits, using the punch provided in the kit.

This can water 180 IU's – up to 180 drippers or 180m of Micro-Porous hose or a combination of both.

PRODUCT CODE: IRR-SOL-C180



DRIPPER EXTENSION KITS

Available in two quantities. The 12 and 20 Dropper extension kits are designed to extend the Irrigatia Solar Powered Automatic Watering System.

Enables irrigation to a larger number of smaller plants. Ideal for pots, hanging baskets, plant establishment and plants in beds & borders.

Quick and easy to set up.

PRODUCT CODE: IRR-15T-12D

PRODUCT CODE: IRR-15T-20D



SEEP HOSE EXTENSION KIT

Designed to extend the Irrigatia Solar Powered Automatic Watering System. Connect up to 1m (3.3 ft) of seep-hose directly to each dripper, to spread water distribution evenly.

Ideal for seed trays, plant establishment, large pots, hanging baskets and germinating rows of seedlings in the garden.

Quick and easy to set up.

PRODUCT CODE: IRR-SH12



25 METRES MICRO-POROUS HOSE

Micro-Porous Hose is ideal for small to medium gardens or allotments. This kit enables watering for up to 25m of veg patch or flower beds, and is quick and easy to set up.

Durable heavy duty Micro-Porous Hose with Dupont™ Tyvek® internal core and protective jacket.

Includes 2 Connector Kits.

PRODUCT CODE: IRR-MPH25



30 METRES TUBE EXTENSION KIT

Designed to extend the Irrigatia Solar Powered Automatic Watering System. Provides 30m (98ft) additional tubing – the controller can be up to 20m (66ft) from water source, last dripper up to 60m (197ft).

PRODUCT CODE: IRR-30T



RESERVOIR

Enables use of the Irrigatia Water Butt or Tank Range Solar Powered Automatic Watering Systems, where a non-pressurised water source is not available.

Use as a stand-alone Reservoir for the Irrigatia SOL K or C Series Kits.

Simply connect the Reservoir to a tap - it will constantly refill to keep your plants watered.

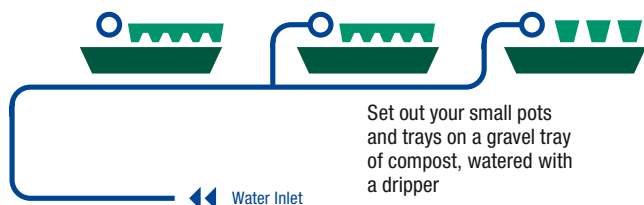
PRODUCT CODE: IRR-RVOIR



SAMPLE DESIGNS

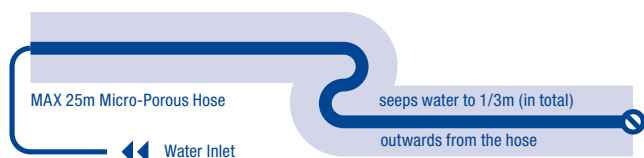
We have set out some sample designs to help you plan your irrigation system depending on what you need to water. Just remember to check the contents of each kit in case you need to purchase any extras – also check out the Irrigation Units capacity (see last page 8).

SMALL POTS AND TRAYS



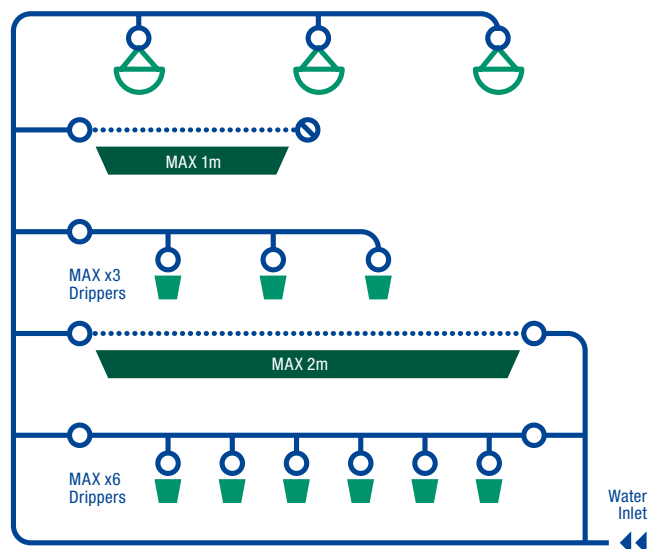
KIT REQUIRED: SOL-C12

LARGE BED WATERING



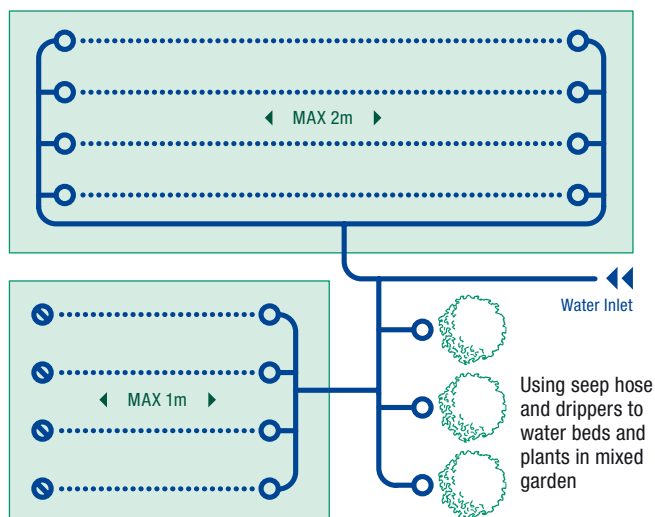
KIT REQUIRED: SOL-C12

WATERING AT DIFFERENT HEIGHTS



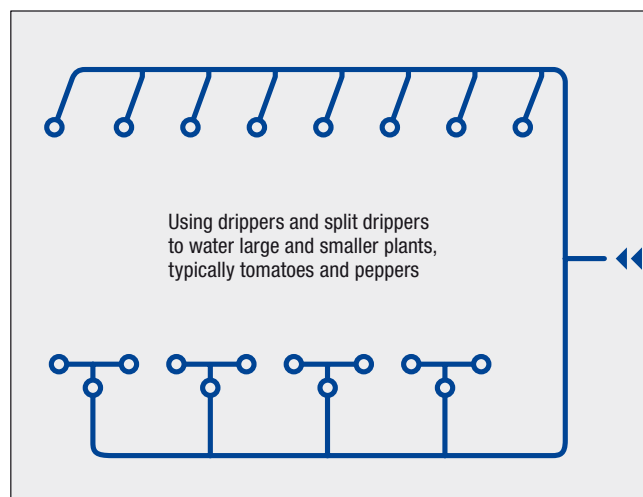
KIT REQUIRED: SOL-C24, 12 Dripper Ext kit, 12m Seep Hose
Spare capacity: 6 Drippers

FLOWER & VEGETABLE BED WATERING



KIT REQUIRED: SOL-C24, 12 Dripper Ext Kit, 12m Seephose
Spare Capacity: 9 drippers

GREENHOUSE WATERING



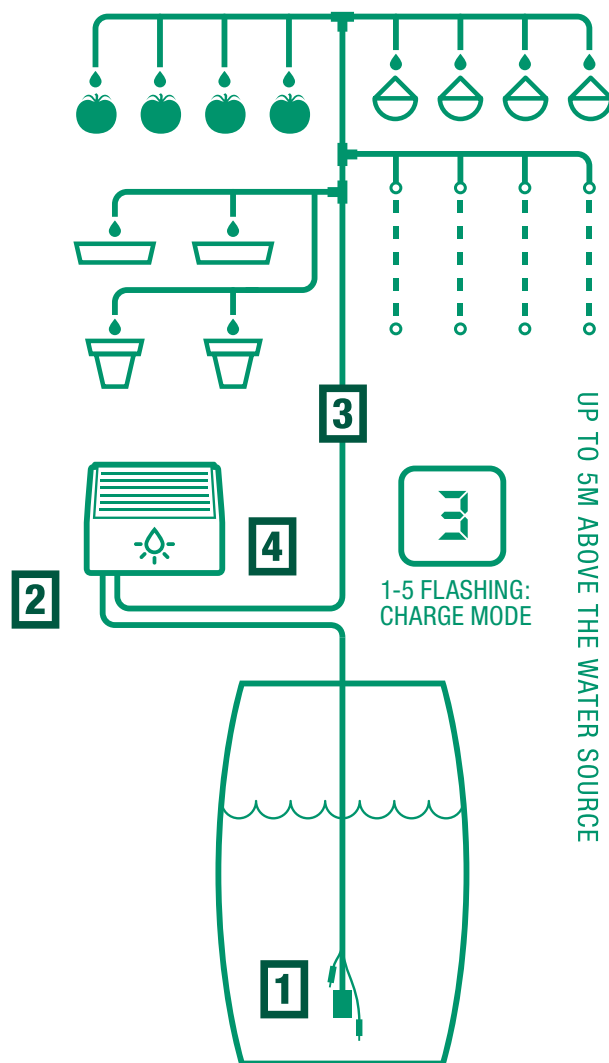
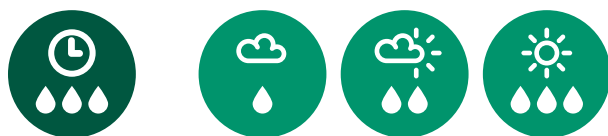
KIT REQUIRED: SOL-C12, 8 Drippers, 4 Tees

KEY



FOUR STEPS TO THRIVING PLANTS

- 1** Insert the inlet filter & water level sensor into the water source
- 2** Connect the tube to the controller placed somewhere sunny in the garden
- 3** Connect the outlet tube and drippers to your plants (pumps up to 5m high)
- 4** Turn on and leave – your plants will be watered automatically



IRRIGATION UNITS – WHAT ARE THEY?

To assist in the selection of the most appropriate Irrigatia kit, we have devised a simple method to demonstrate the maximum capacity for each of our solar powered irrigation kits. An Irrigation Unit is the amount of water used by a plant the size of a typical, well grown, tomato plant.

Our 'Irrigation Units', or 'IU' for short, give you a clear idea of the maximum capacity of each available kit. The table on the right shows the maximum capacity of the SOL-C12L.



12x	12x	24x	5x	12m
				Up to 12m of troughs
				Up to 5 hanging baskets
				Up to 24 pepper plants
				Up to 12 tomato plants
				Up to 12, 20 litre plant pots



www.irrigatia.com

Irrigatia Limited, Norwoods, Long Drax, Selby, North Yorkshire, YO8 8NH, UK.
Telephone: +44 (0) 333 301 0415

