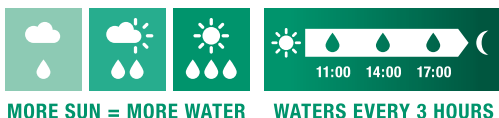


Solar Automatic Watering System



The weather responsive SMART irrigation controller



Ideal for small to medium gardens, and can be used for pots, raised beds, hanging baskets, vegetables and greenhouses.

Using solar power to pump feed and water from your water barrel or tap.

Grow great vegetables

Perfect for flower pots

Easy to install and set up



**NO TAP
NEEDED**



**NO MAINS
NEEDED**

An Introduction

The more sun: the more it waters. For use with water barrels & other non-pressured water sources. Drip waters up to 5m above source.

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.

Easy to install and set up, they will water automatically with minimal supervision. Ideal for small to medium gardens or allotments, and can be used for pots, raised beds, hanging baskets, vertical/green walls, vegetables and greenhouses.

Our new range of Vertical Garden kits are recommended to be used in conjunction with our SMART irrigation controllers. Like any vertical

planting system, if not watered regularly, the plants will dry out and will not flourish. Vertical planting is great for small gardens, balconies and greenhouses where space is limited.

As well as drip irrigation, Irrigatia systems can be installed with seep hose (leaky hose) and micro-porous hose to cater for most growing environments.






On the next 2 pages 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 below).

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-C12.

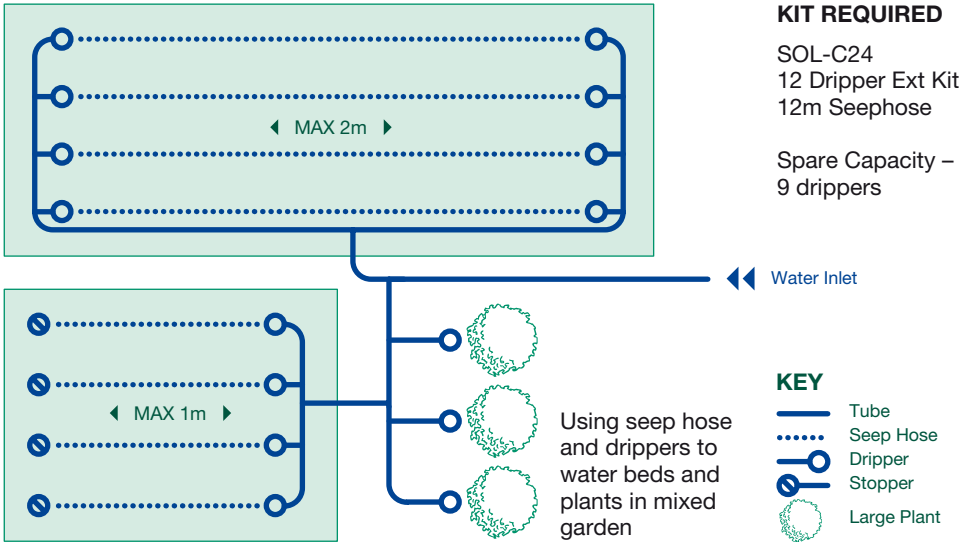
 20L 12x	 12x	 24x	 5x	 12m
Up to 12m of troughs				
Up to 5 hanging baskets				
Up to 24 pepper plants				
Up to 12 tomato plants				
Up to 12, 20 litre plant pots				

Sensors

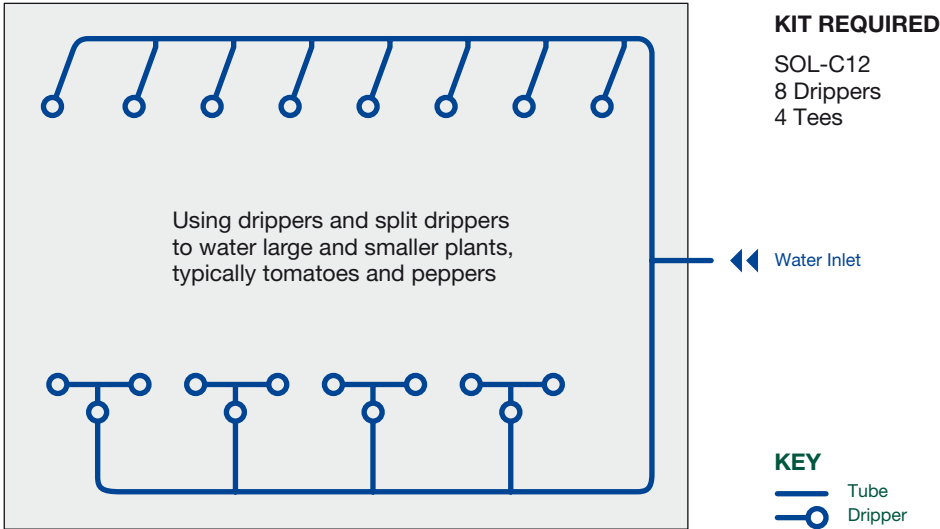
Water level sensor (included in all irrigation kits) – detects when water source runs dry, stops the pump & emits an audible warning.

Moisture level sensor (can be added to C series controllers) – detects moisture level & prevents overwatering. IRR-MLSSENSOR RRP £24.95

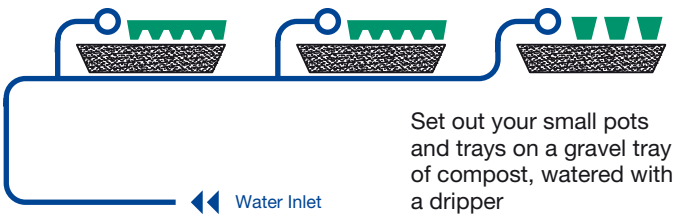
Flower and Vegetable Bed Watering



Greenhouse Watering



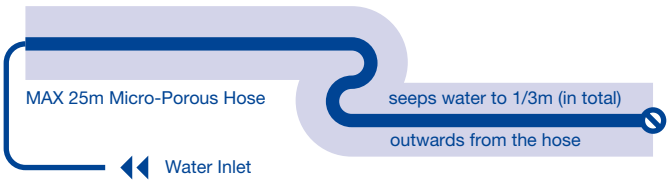
Small Pots and Trays



KIT REQUIRED
SOL-C12

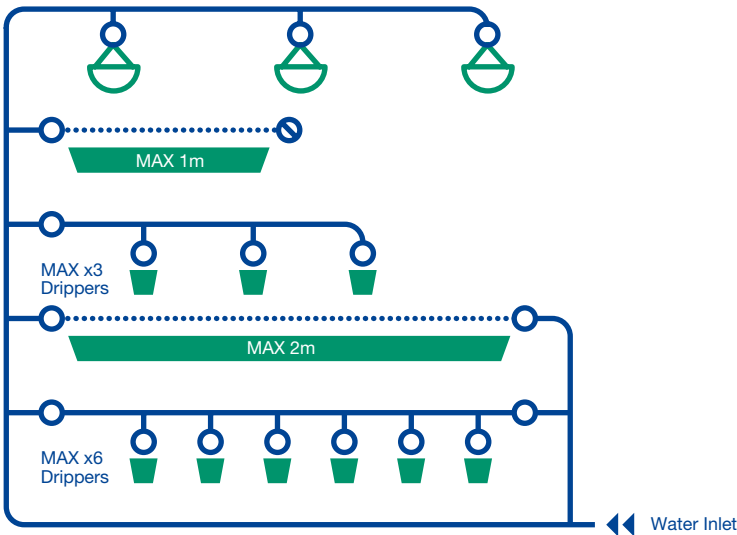
- KEY**
- Tube
 - Dripper
 - Stopper
 - Plant Pots
 - Plant Tray
 - Trough
 - Micro-Porous

Large Bed Watering



KIT REQUIRED
SOL-C24
25m Micro-Porous Hose

Watering at Different Heights



KIT REQUIRED
SOL-C24
12 Dripper Ext kit
12m Seep Hose

Spare capacity
6 Drippers

- KEY**
- Tube
 - Seep Hose
 - Dripper
 - Stopper
 - Hanging Basket
 - Trough
 - Small Pots

SOL-C12 Kit



Product Code
IRR-SOL-C12
RRP £79.95

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-C12 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.

Contents: SMART Controller C12 with integrated pump, Inlet Filter, Anti-siphon Device, 15m Tube, 12 x each: Drippers, Stakes, Tees, Water level sensor, 3 x AA rechargeable batteries



SOL-C24 Kit



Product Code
IRR-SOL-C24
RRP £94.95

The Irrigatia SOL-C24 Kit offers all the benefits of the SOL-C12 Kit with even more features, thanks to the extra power it generates from it's 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 C12, enabling the system to water larger and more plants.

Contents: SMART Controller C24 with integrated pump, Inlet Filter, Anti-siphon Device, 15m Tube, 12 x each: Drippers, Stakes, Tees, Water level sensor, 3 x AA rechargeable batteries



SOL-C120 Kit



Product Code
IRR-SOL-C120
RRP £299.95

This is the kit for the serious gardener, with 10 times the capacity of the SOL-C12. It comes complete with a secondary feed pump, a separate solar panel with 5m lead, and 30m of 13mm backbone tube to which you connect either the 20 dripper extension kits or micro-porous 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.

Contents: 1 x Controller C120 with integrated pump, feed pump, 1 x solar panel with mounts, connecting harness, inlet filter, anti-siphon, 2 x 10 x AA battery holder, 30m tube, 12 kit connectors, 4 x stoppers, 2 tees, 12 stakes, 1 punch



Patio Watering Kit



Product Code
IRR-PW-KIT
RRP £85.95

Designed for use on patios. Easy to install and set up, it will water automatically with minimal supervision. Simply connect the Patio Watering Kit to a tap – it will keep your plants watered.

SMART Controller C12 with Integrated Pump, 5.7L Reservoir, Water Level Sensor, Inlet Filter, Anti-siphon Device, 15m Tube, Syringe, 12 x each: Drippers, Stakes, Tees, 3 x AA rechargeable batteries



Dripper Extension Kits

Available in two quantities. The 12 and 20 Drinker 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.

12 Drinker Contents:
15m Tubing, 12 x Drinkers, 12 x Stakes, 12 x Tees

20 Drinker Contents:
15m Tubing, 20 x Drinkers, 20 x Stakes, 20 x Tees

Product Code
IRR-15T-12D
RRP £18.95

Product Code
IRR-15T-20D
RRP £24.95



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.

Contents: 12m Seep-Hose, 12 x Stakes, 12 x Stoppers, 2 x Connectors

Product Code
IRR-SH12
RRP £18.95



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.

Contents: 25m Micro-Porous Hose, 2 x Adaptors, 2 x Connectors, 2 x Lengths Connector Pipe, 2 x O Rings, 2 x Cable Ties, 6 x Stakes

Product Code
IRR-MPH25
RRP £49.95



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).

Contents: 2 x 15m Tubing

Product Code
IRR-30T
RRP £16.95



Product Code
IRR-RVOIR

RRP £13.95

Reservoir System

Enables use of the Irrigatia Solar Powered Automatic Watering System, where a water butt 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.

Contents: 5.7L Container, Float valve (to provide automatic refill), 1 x Hose Connector, 1 x Clip



Vertical Fruit & Veg Kit

This Irrigatia kit is great for growing decorative plants as well as herbs. It comes with a complete irrigation kit which can be connected to your tap, or use with an Irrigatia Solar Watering kit.

Simply mount the support rails on a wall, fence or shed and clip the baskets onto the rails, hang the collection trough from the bottom rail. The different pots sizes allow a variety of fruits and vegetables to be grown. Drippers are placed in the top pots, and then drips through to the pot below so that everything is adequately watered.

VERTICAL GROWING SYSTEMS

Contents: 4 support rails 600mm, 4 small, 2 medium, 2 large pots & pot plate, 1 x trough with end caps and outlet, 2 x trough brackets, 10m of 4mm tubing, 1 adjustable and 3 inline drippers, tap connector, fixing screws

Product Code
IRR-VFV

RRP £59.95



Vertical Herb & Flower Kit

This Irrigatia kit is great for growing decorative plants as well as herbs. It comes with a complete irrigation kit which can be connected to your tap, or use with an Irrigatia Solar Watering kit.

Simply mount the support rails on a wall, fence or shed and clip the baskets onto the rails, hang the collection trough from the bottom rail. The 12 pots sizes allow a variety of herbs & flowers to be grown. Drippers are placed in the top pots, and then drips through to the pot below so that everything is adequately watered.

VERTICAL GROWING SYSTEMS

Contents: 4 support rails 600mm, 12 small pots & pot plate, 1 x trough with end caps and outlet, 2 x trough brackets, 10m of 4mm tubing, 1 adjustable and 3 inline drippers, tap connector, fixing screws

Product Code
IRR-VHF

RRP £49.95



Vertical Picture Garden Kit

This is a modular vertical gardening system featuring an attractive self-assembly paintable wooden frame of 600 x 900mm (2' x 3'), four rows with a total of 16 removable pots. It can be used with Irrigatia solar and other watering systems.

It can be mounted on a wall, fence or shed or by purchasing the optional stand kit (IRR-PG-STAND RRP £xx.xx) up to 3 frames can be mounted on top of each other, either single or double sided - up to a total of 6 units - a massive plant growth area in a relatively small space.

VERTICAL GROWING SYSTEMS

8 piece treated wood frame, 18 fixing screws, 6 nuts and bolts, Torx key, trough with end caps & drain connector, 16 small pots and plate

Product Code
IRR-PGK

RRP £79.95



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

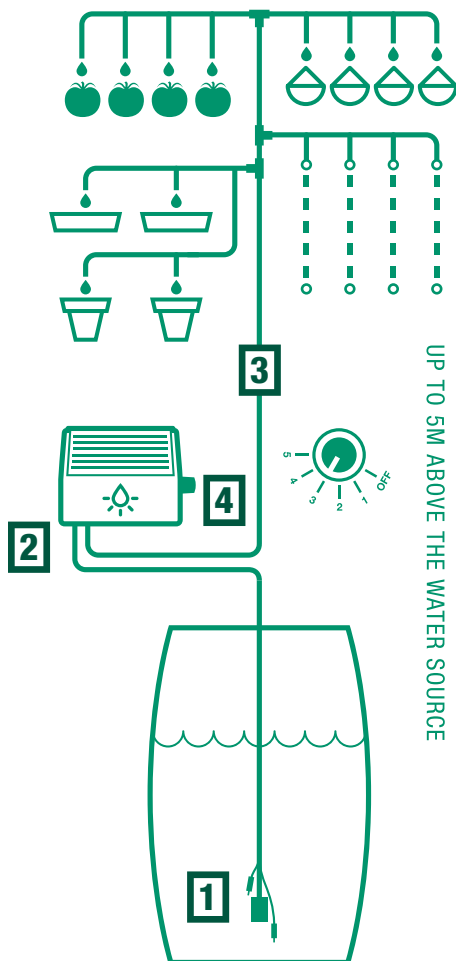
Turn on and leave - your plants will be watered automatically



MORE SUN = MORE WATER



WATERS EVERY 3 HOURS



www.irrigatia.com

Irrigatia Limited, Norwoods, Long Drax,
Selby, North Yorkshire, YO8 8NH, UK.
Telephone: +44 (0)1904 202243

USES
UP TO
90%
LESS WATER
THAN A
HOSE