

# Ecodrip Systems

## INTELLIGENT DRIP IRRIGATION



### HIGHLY DURABLE

– Due to its smaller diameter improves resistance to physical damage.

### ANTI SYPHON

– Can help prevent cross contamination of drinking water.

### TWO WATER OUTLETS

– On surface laid irrigation one outlet always away from soil.

### RECYCLED WATER

– The drip filter positioned close to the dripline centre improves the flushing

### PRESSURE REGULATED

– Ensures that all plants receive the same amount of water

### BUILT IN NON LEAKAGE DEVICE

– Prevents flooding at low areas at the end of the watering cycle.

(Max 1.5m drop per zone)

### WATER CONSERVATION

– Can save 1000's of litres every week compared to porous pipe on an average garden size.

### SELF CLEANING MECHANISM

– Ensures continuous flow @ 1.15 L/H per drip.

### UV RESISTANCE

– Ensures long life – Whatever the weather.

### ROOT PREVENTION

– Resistance to clogging.

### BOTH:

SUB SURFACE AND ON SURFACE.

INTELLIGENT  
DRIP  
IRRIGATION  
 **drip**<sup>®</sup>

**Ecodrip** has been developed by one of the world's largest drip manufacturers and a UK based company that has been in the professional irrigation sector for many years.

The **Ecodrip** is a state of the art drip irrigation system that is to provide a most accurate and reliable irrigation solution for the professional and domestic sector as one.

It has many advantages, from the environmental aspect to the immediate benefits for the gardener / installer.



The technology behind the **Ecodrip** has been tried and tested for a number of decades through the harshest weather and field conditions to accommodate the strict demands of the agricultural industry, that are subjected to regular water budget and conservation.

The environmental benefits form a core part of the **Ecodrip**, which has a unique patented non leakage mechanism facility that prevents any loss of water at the end of the watering cycle, shorter water filling time, and transportation saving of more that 50% compared to 16mm dripline / porous pipe.

The 12mm Ecodrip uses 50% less plastic in manufacturing compared to 16mm dripline pipes.

The non leakage facility makes the **Ecodrip** an ideal

solution for irrigating uneven surfaces as it will not flood the low areas at the end of the watering cycles.

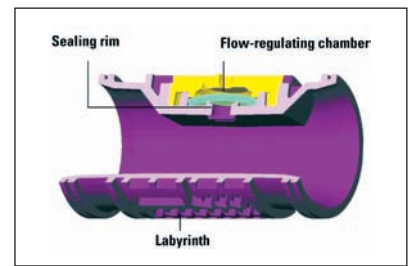
The unique non leakage device

protects the drip lines from sucking in small soil particles or other debris and making it ideal for subsurface drip irrigation and short pulse irrigation in green houses.

A precise and uniformed water distribution ensures that all plants / vegetation benefit from the same amount of water, due to its unique pressure compensation ability.

The **Ecodrip**'s unique root barriers, built in dripper filter, anti siphon mechanism, UV resistance and a self cleaning mechanism make it an excellent product for almost any irrigation application, including recycled water and roof gardens.

A slow release of water @ 1.15 litres per hour makes it ideal for slopes and windy areas, as the slow release of water will penetrate the soil slowly and avoid waste. The non leakage mechanism prevents drainage of the pipes at the end of the watering cycle, preventing water waste and local flooding at the lowest areas.



## S P E C I F I C A T I O N S

- **Flow rate:** 1.15 l/h.
- **Operating pressure range:** 0.3 – 3.5 bar.
- **No drain sealing:** 0.15 bar.
- **Pipe diameter:** 12mm. **Inside diameter:** 10.4mm.
- **Complies with emission uniformity category class A.** (ISO 9261)
- **Manufactured from superior durable plastic for long life, protected against UV, degradation and resistant to chemicals and fertilizers commonly used in agriculture.**
- **Material:** **Tubing:** Linear LDPE, **dripper:** PE, **diaphragm:** Silicone.

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