SOLAR DRIPPER®

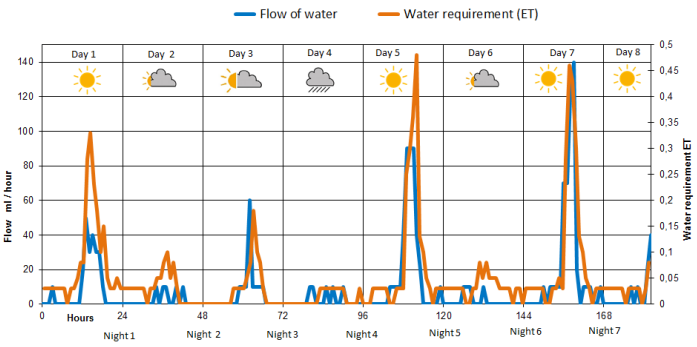

Made in France

Warranty 5 year
Anti clogging

*More than a holiday solution*

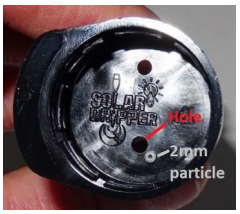
***Naturally synchronized** to the needs of the plant*

*Tested in France and Switzerland*




- *Improves the health of the plant*
- *Simplifies watering*
- *Installed in 5 seconds*
- *Maximum water saving*
- *Optimizes fertilisation*

Ideal for rainwater as it allows 2mm particles and biofilm to pass.




Optimized in the heart of the roots

## For your flowered balconies



Ultra slow flow 0,3 ml/h for **orchids** and succulents

Keep wonderful houseplants
**with one filling per month**

**Your garden** will be more productive with fewer invasive weeds

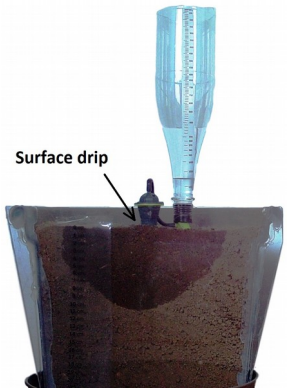
# Why choose the Solar-Dripper ?

The Solar-Dripper uses temperature variations as the flow motor.
The patented active regulator resists clogging and provides a watering flow synchronized with the needs of the plant. The ultra slow rate of 0.3 ml/h can perfectly water orchids but it can also provide 300 ml/h for a 4m tomato plant. The duration is from 1 to 60 days according to the installation. Watering and fertilization are better controlled than surface application. It reduces the spread of invasive grass and prevents evaporation.


Conventional drip watering systems are different.

For example, porous systems diffuse water by seeping without synchronizing the flow to the needs. These ceramic systems are all subject to clogging with limestone and biofilms. Their flow rates can be reduced by 50 % in 45 days according to tests with rainwater.

Gravity systems of the infusion type are not related to the needs of the plant. They also tend to clog with suspended particles and biofilms. In the test, many were blocked in two weeks using rainwater.
Surface drip irrigation creates some evaporation loss at the surface and from the bottle.




Professional dripper systems are more complex to install. The tubing are fragile, prone to rodent damage and leakage.

For watering to be controlled, it is necessary to add some sensors. They require filtering the water to avoid clogging. A pump and electricity source are needed. The variations of flow between drippers induce from 5 to 20 % water dose differences between plants.

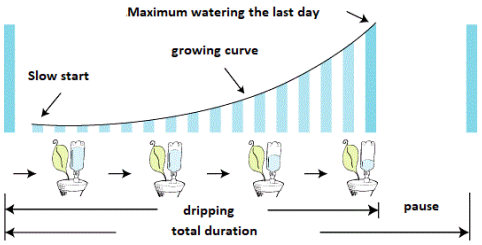
# How to adapt the flow of your Solar-Dripper ?

From ultra slow flow of 0,3 ml/h to 300 ml/h. Average: a week outdoor - one month indoor.
Tested duration from 1 to 60 days according to the exposure.

1- Choose the size of the bottle from 200 ml to 2 liters: the larger the bottle, the more watering is abundant.

2- Glass bottles lengthen the duration by 70%.

3- Choose the initial fill rate: the more air in the bottle, the faster is the watering.




The Solar-Dripper follows this typical exponential climate sensitivity curve.

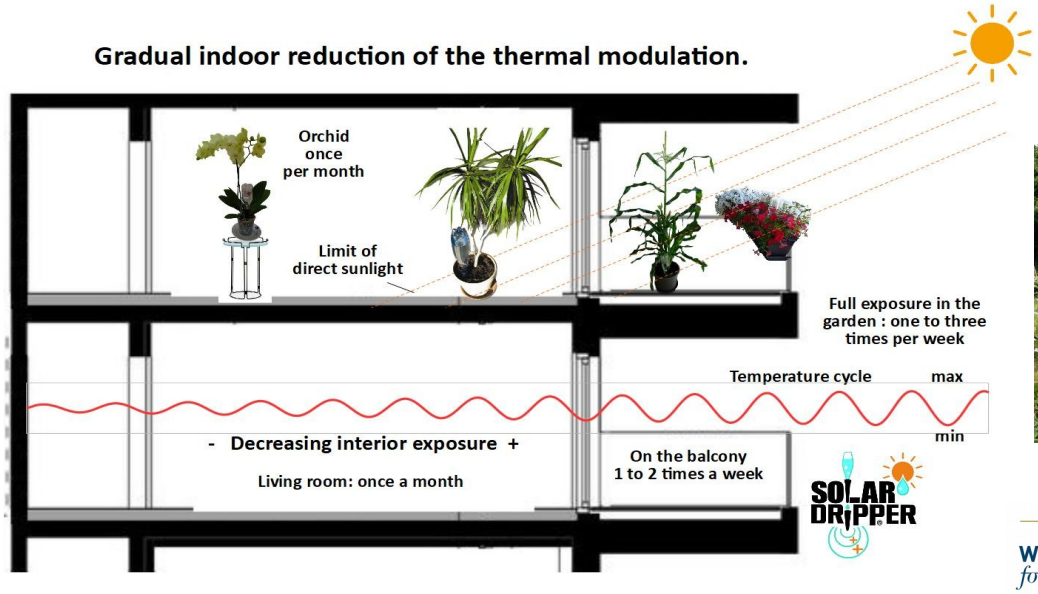
Normal filling: 75% at the blue dot on the calibrated bottles 

To extend the duration: fill to 90% To increase the flow rate: fill to 50%

4- Choose the model: standard SD Black or fast XL red. The XL model is 3 times faster.


5- Flow duration is related to the solar exposure. This exposure is complete in the garden and is gradually reduced indoors from the windows distance. Therefore, the bottles are emptied in a few days in the garden but can last a month in the living room with the reduced solar radiation. In the garden during a heat wave, the watering will be more abundant. In cloudy weather and during the winter, the watering flow is naturally reduced to the season needs and the same bottle can last 60 days.

## Gradual indoor reduction of the thermal modulation.

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