

# ENGLISH IVY

SYMBOL OF THE PRIME OF LIFE





## SYMBOL OF THE PRIME OF LIFE

MSP: C0018



Vietnamese name	Thường Xuân
English name	English Ivy
Science name	Hedera helix
Mature size	dài 2 - 3m
Filtration of harmful substances	Trichloroethylene, Formaldehyde, Benzen, Xylen...



A plant is cultivated for decoration, bringing a fresher and more vibrant landscape, enhancing the environment with lush greenery, creating a sense of tranquility. Additionally, plants have the function of purifying the air, inhibiting carcinogenic substances like nicotine emitted from cigarettes. This, in turn, helps to lower the ambient temperature, provide oxygen for photosynthesis, and relieve stress. For those with quick tempers, difficulty in controlling emotions that affect their overall work, planting this type of plant is advisable.

The English Ivy symbolizes the Water element, making it suitable for those with a Water or Wood destiny. Nevertheless, due to its perennially good nature, it can be planted by individuals of any age. Planting it indoors facing the East helps people with a Water destiny absorb the most vital energy from this plant.



Origin

Central & Northern Europe



Genus

Araliaceae



Search Name

English Ivy



**LIGHT:** Its tolerance to a range of lighting makes it a great plant for almost any space.



**TEMPERATURE:** 10-18°C will give best results, 8-25°C can be tolerated.



**GROWTH RATE**

This plant can be a particularly fast grower. Trails can grow 2-3 meters indoors. Cut back to maintain the desired length.



**SOIL**

Typically, rich and loamy soil is used, such as a mixture of compost and garden soil. Alternatively, a blend of compost, fine sand, and various additives can be utilized for planting.



**NUTRITION**

The English Ivy doesn't require excessive fertilization. During its growth season, it's necessary to apply a thin, diluted layer of fertilizer. Applying 2-3 times a year is sufficient.



**WATERING**

Due to its moderate water-absorption needs, it's best to water only when the soil in the pot is truly dry. Watering once a day is enough.



**CARE**

Occasionally, consider misting and pruning the plant to encourage stronger growth.



**AIR PURIFICATION**

The plant can absorb up to 95% of carbon dioxide and can process harmful substances emitted by electronic devices, transforming air pollutants like formaldehyde.



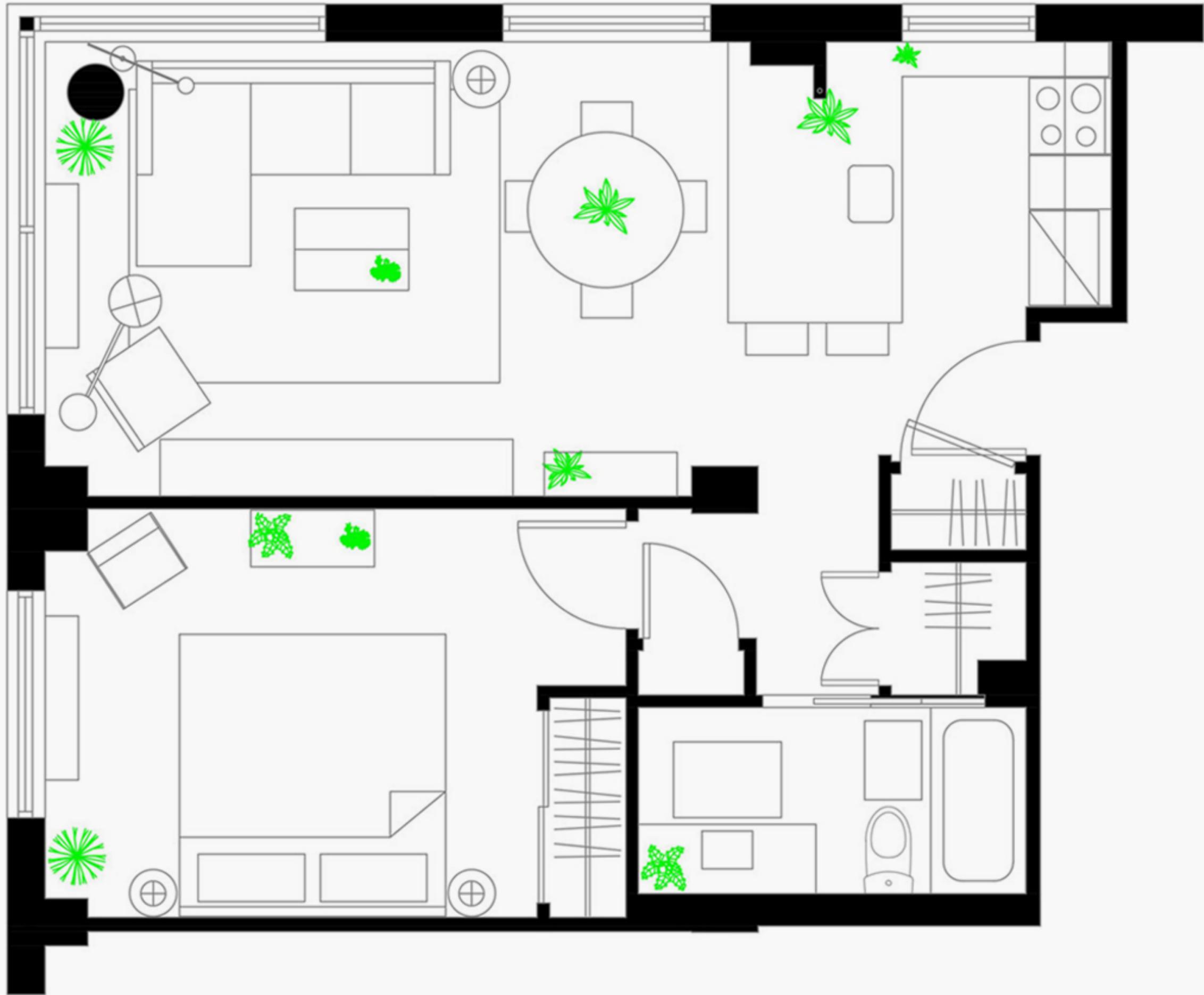
**TOXICITY**

Considered toxic if eaten. Keep away from children and animals.



# ARRANGE AND PLACE TREES TO HELP THE TREE AS FRESH AS POSSIBLE

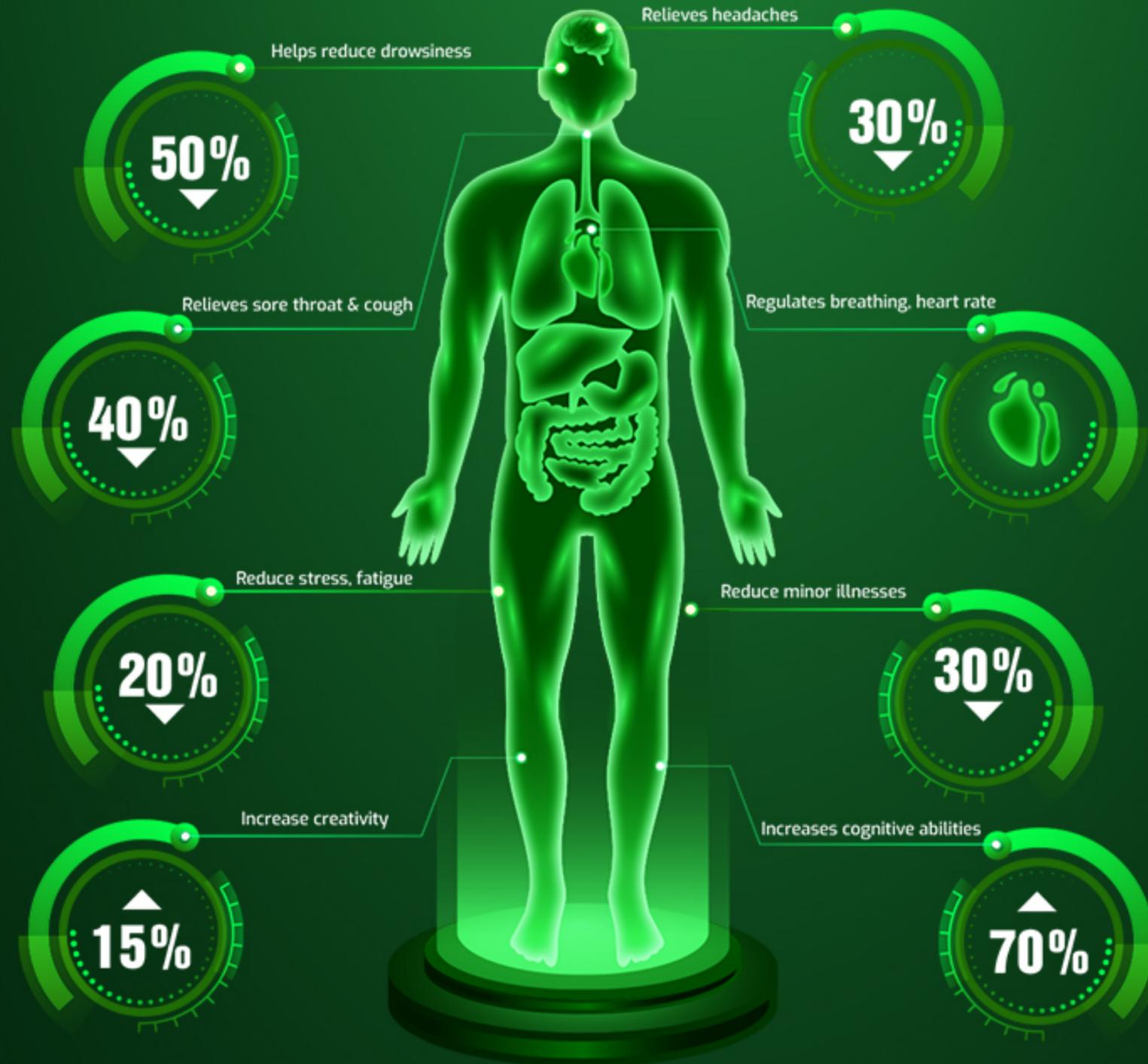




# GREAT BENEFITS OF GROWING INDOOR PLANTS

## HELP IMPROVE HEALTH PROMOTION

The plant has proven itself to help relieve stress, create comfort. People living in a natural environment will help to feel happier.



# AIR PURIFICATION INCREASES QUALITY OF LIFE

Greening the habitat. Helps reduce 50-60% of mold & pathogenic bacteria in the air. Retains moisture, removes harmful contaminants, produces oxygen.



# CONCEPT REFERENCES



# EASIER TREE CARE WITH SMART AUTOMATED CARE SYSTEM

## SMART AUTOTROPHIC POTS

Are self-watering pots worth considering? These pots can help us save effort in tending to our plants, as they don't require daily watering, yet the plants can still thrive. Smart self-watering planters function by providing water and nutrients to the plants through a reverse osmosis mechanism, similar to an underground water network within the pot that keeps the soil moist. Each watering can supply enough water for the plants to last from 7 to 30 days, depending on the plant type and its placement.

**The smart self-watering pots typically consist of four main components:**

1. Water reservoir (tray), this is also usually the outermost layer of pot that both acts as a water storage tray and is the overall structure and external appearance of the pot
2. Inner pot: This tray is placed in and above the water tray, without direct contact with the water tray. The Inner pot usually has multiple outlet holes and is connected to the water tray through the suction wick.
3. Wicking system: This component is quite crucial as it acts as a conduit for drawing moisture from the water reservoir to supply water to the media tray.
4. Water level indicator system: can be a buoy, or a transparent indicator line.



MULTI-MATERIAL EXTERNAL POTS



INNER POT LAYER



AUTOTROPHIC SYSTEM

# THE PRINCIPLE OF OPERATION OF SELF-WATERING POTS: CAPILLARY MECHANISM

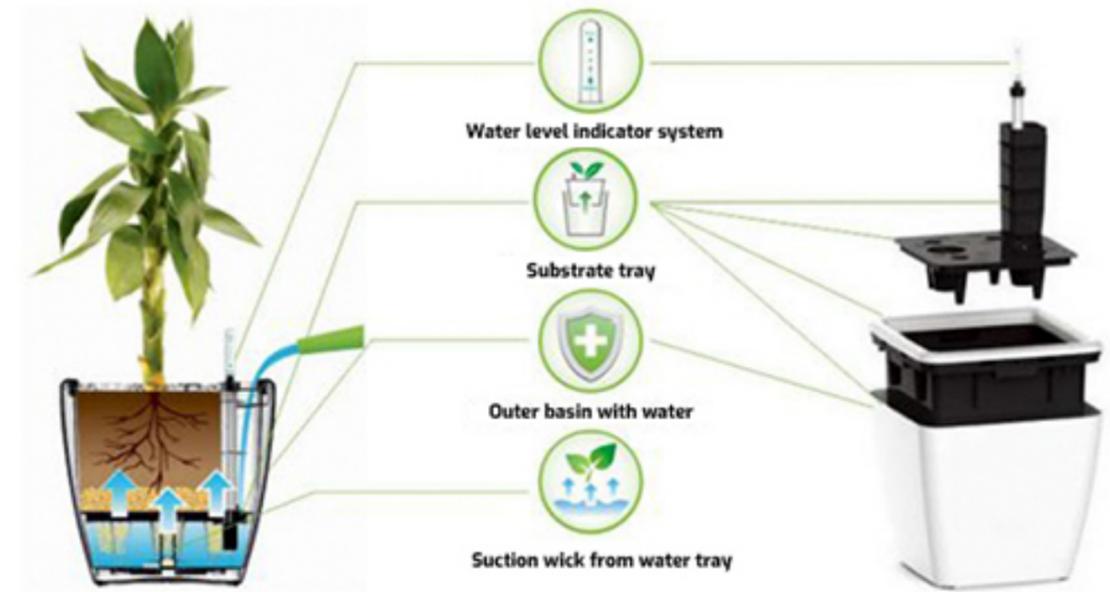
The mechanism behind how self-watering pots work is a phenomenon known as "capillary activity" or "wicking phenomenon."

Capillaries in self-watering pots are usually wick threads made from fabrics that are highly absorbent and durable. One end of the suction wick is submerged in water; The upper end is placed in the middle of the layer of planting soil.

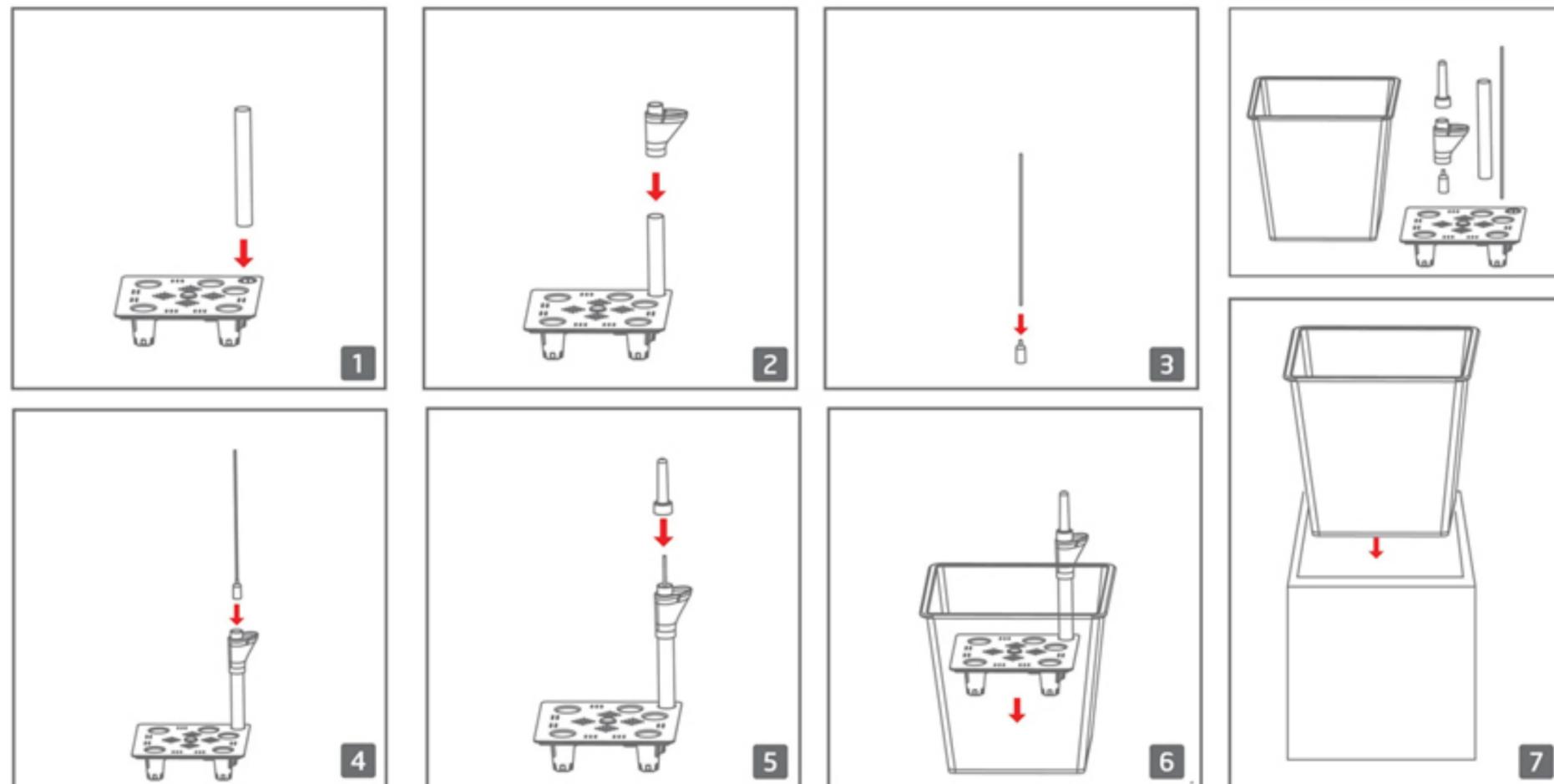
When plants have a need for water, they will absorb water in the soil, when this soil moisture will decrease. And at that moment, the wick will suck a corresponding amount of water to balance the moisture for the tray containing the substrate.

**Note when planting new or replacing the soil for self-irrigating pots:**

You need to water the substrate layer immediately after planting. Or



## STEPS TO INSTALL A PLANT AUTOTROPHIC SYSTEM



## SEE MORE POT MODELS



**STONE - D01/D**

Color:     
Series: D01-D  
Model: STONE



**PORCELAIN - S01/XL**

Color:     
Series: S01/XL  
Model: PORCELAIN



**STONE - D02/X**

Color:     
Series: D02/X  
Model: STONE



**CEMENT - XM1**

Color:    
Series: XM1  
Model: CEMENT



**CEMENT - XM2**

Color:    
Series: XM2  
Model: CEMENT



**CEMENT - XM3**

Color:    
Series: XM2  
Model: CEMENT



**COMPOSITE - C01/XM**

Color:    
Series: C01/XM  
Model: COMPOSITE

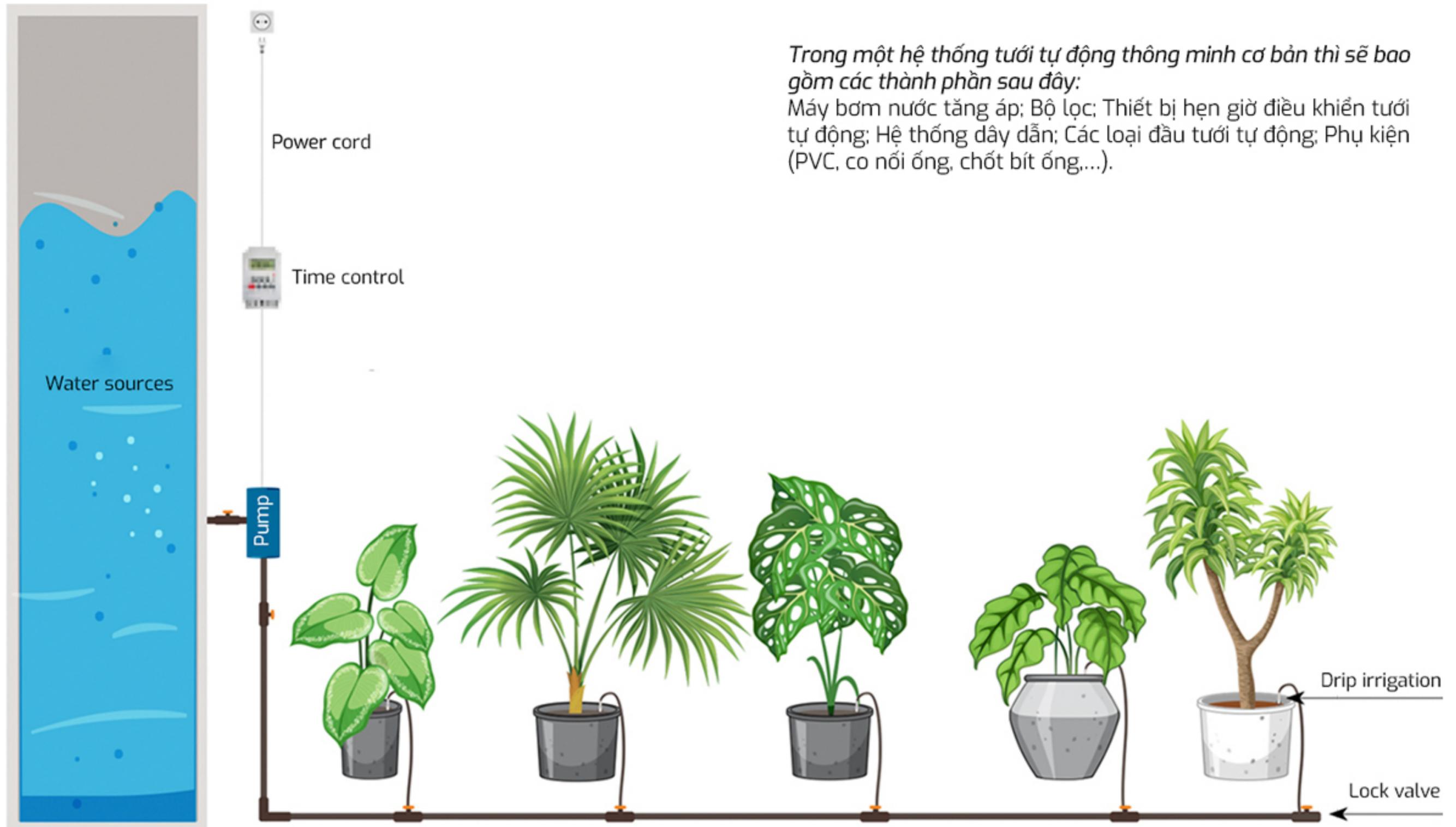


**CERAMIC - G01/M**

Color:    
Series: G01/M  
Model: CERAMIC

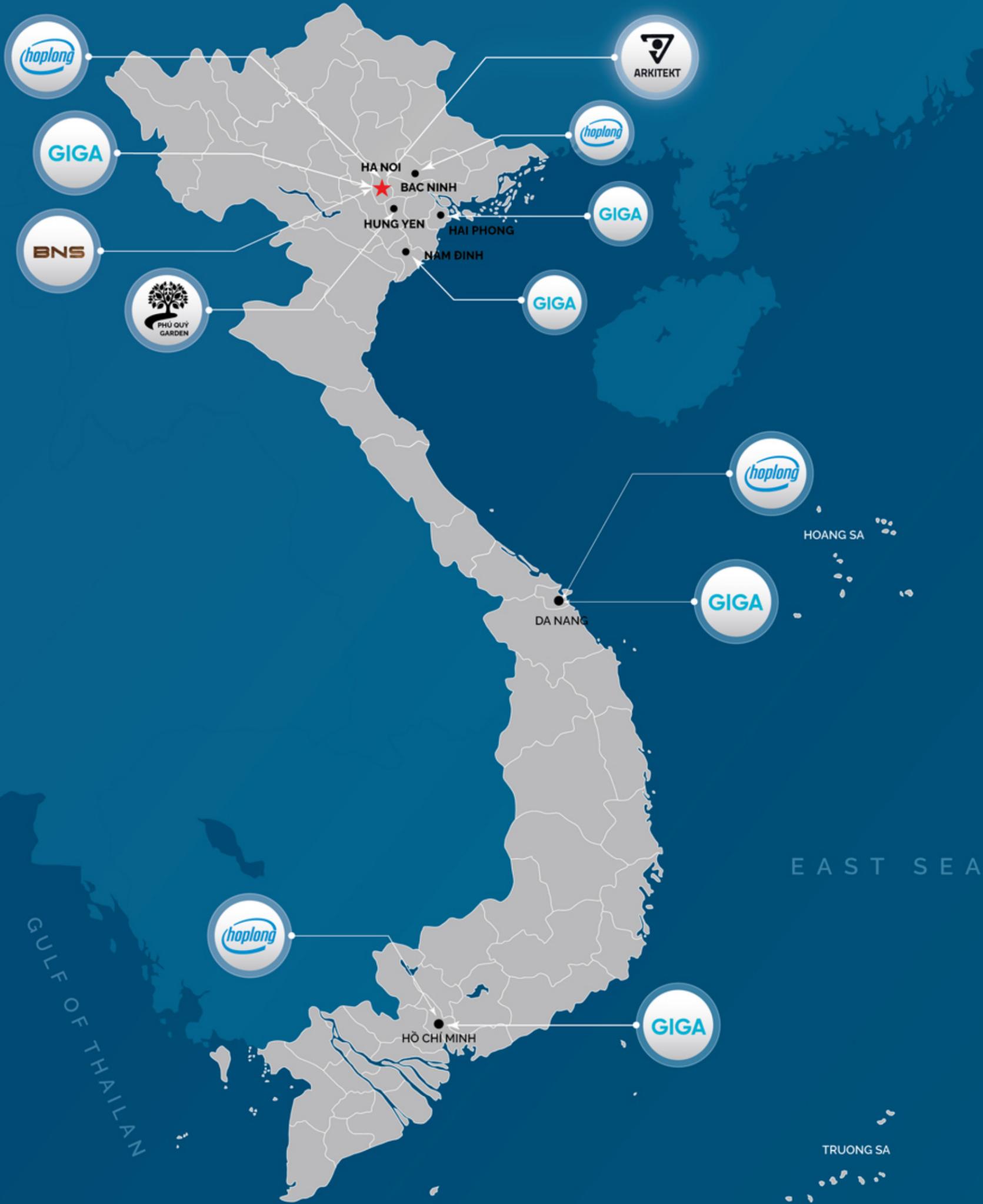
## SMART PLANT IRRIGATION SYSTEM

Smart Irrigation System is a system of irrigation equipment capable of automatically On/Off to water the garden at the right time and water flow that you want. This system will help you save up to 80% of your watering time compared to traditional watering methods.



*Trong một hệ thống tưới tự động thông minh cơ bản thì sẽ bao gồm các thành phần sau đây:*

*Máy bơm nước tăng áp; Bộ lọc; Thiết bị hẹn giờ điều khiển tưới tự động; Hệ thống dây dẫn; Các loại đầu tưới tự động; Phụ kiện (PVC, co nối ống, chốt bít ống,...).*



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