

CORNSTALK DRACAENA

SYMBOL OF WEALTH, HAPPINESS



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MSP: C0007



Vietnamese name	Thiết Mộc Lan
English name	Cornstalk Dracaena
Science name	Dracaena fragrans "Massangeana"
Mature size	46 - 76 cm
Filtration of harmful substances	Trichloroethylene, Formandehyde, Benzen



The Cornstalk Dracaena possesses remarkable air-purifying and regulating abilities. It effectively filters out toxins from the air and absorbs carbon monoxide, leading to a significant improvement in air quality and reduced pollution.

Its clustered blooms emit a pleasant fragrance and appear during the winter, transitioning into spring. Ensuring proper care is crucial to encourage flowering.

As a result, cultivating the Cornstalk Dracaena plant indoors can greatly benefit the health of family members, promoting stable and uplifting mental states while generating positive energy.

In Feng Shui, the Cornstalk Dracaena plant is highly regarded for bringing abundant vitality, good fortune, and prosperity to homeowners, particularly when it blossoms, symbolizing imminent financial success. Moreover, placing the plant in the East or Southeast direction of the house is believed to attract even more luck, as the plant represents the Wood element.



Origin
West Africa



Genus
Ruscaceae



Search Name
Dracaena fragrans Massangeana



LIGHT: The Cornstalk Dracaena thrives and develops well under outdoor sunlight. Therefore, it is best placed in a sunny location to ensure strong roots and healthy green leaves. When grown indoors, the plant may require additional light through the use of lamps.



TEMPERATURE: It prefers average household temperatures between 16-24°C but can cope with as low as 12°C for short periods.



GROWTH RATE

This plant is a slow-growing plant which typically reaches an ultimate height of around 1.5 to 2 meters. With proper care, it may eventually produce flowers.



SOIL

Select nutrient-rich and well-draining soil. Regularly replenish the soil with NPK and organic fertilizers to ensure a balanced nutrient ratio.



NUTRITION

During the active growth periods in spring and summer, fertilize with a liquid balanced fertilizer once a month to encourage healthy development.



WATERING

Regular watering is necessary to maintain lush and beautiful foliage. The best time for watering is early in the morning or during the cooler evening hours.



CARE

The Cornstalk Dracaena has a sturdy trunk and is relatively resistant to pests and diseases. It prefers higher humidity, so regular misting of the plant, including the trunk and leaves, is beneficial.



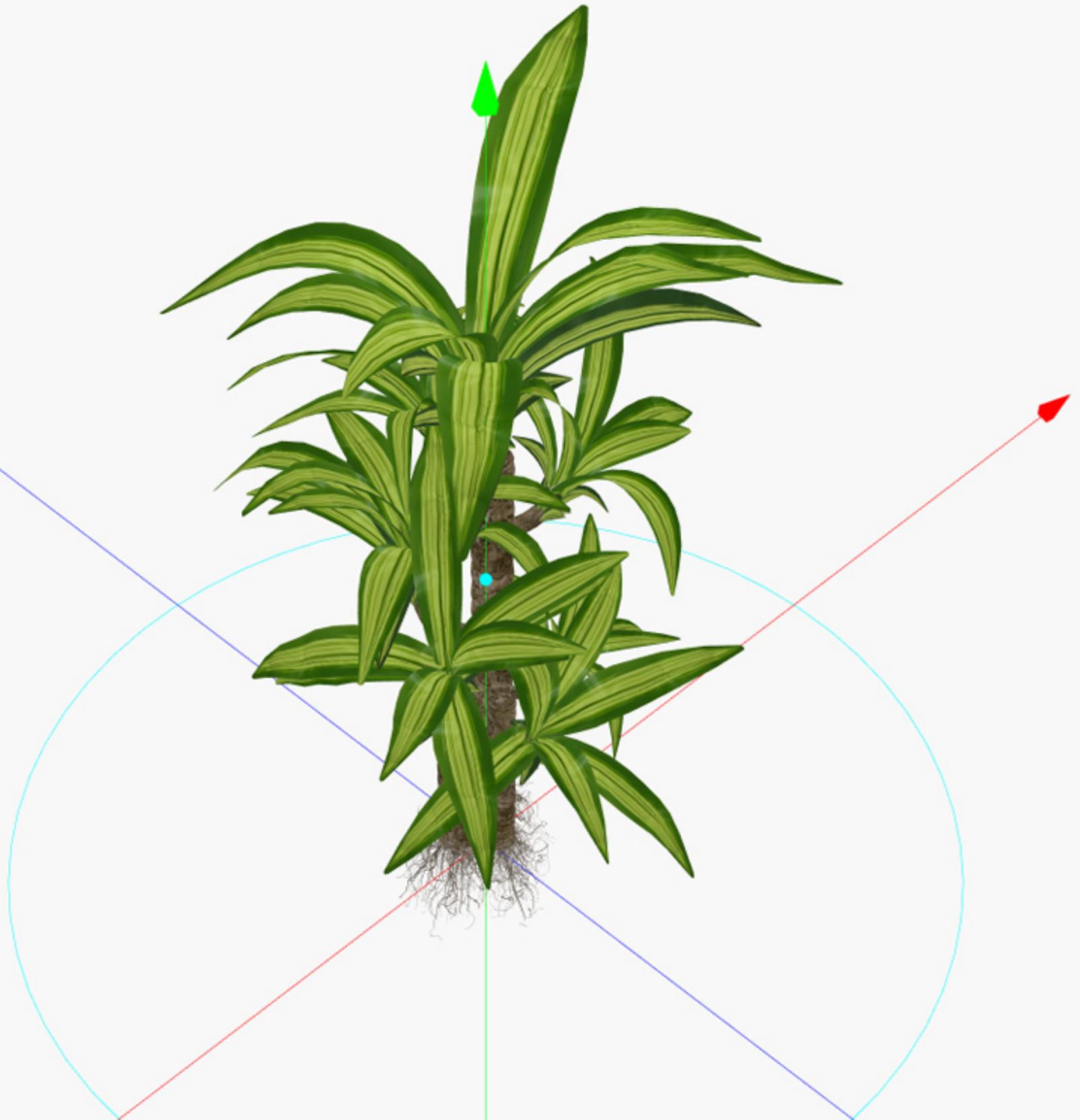
AIR PURIFYING

It is one of the best plants for removing air pollutants.



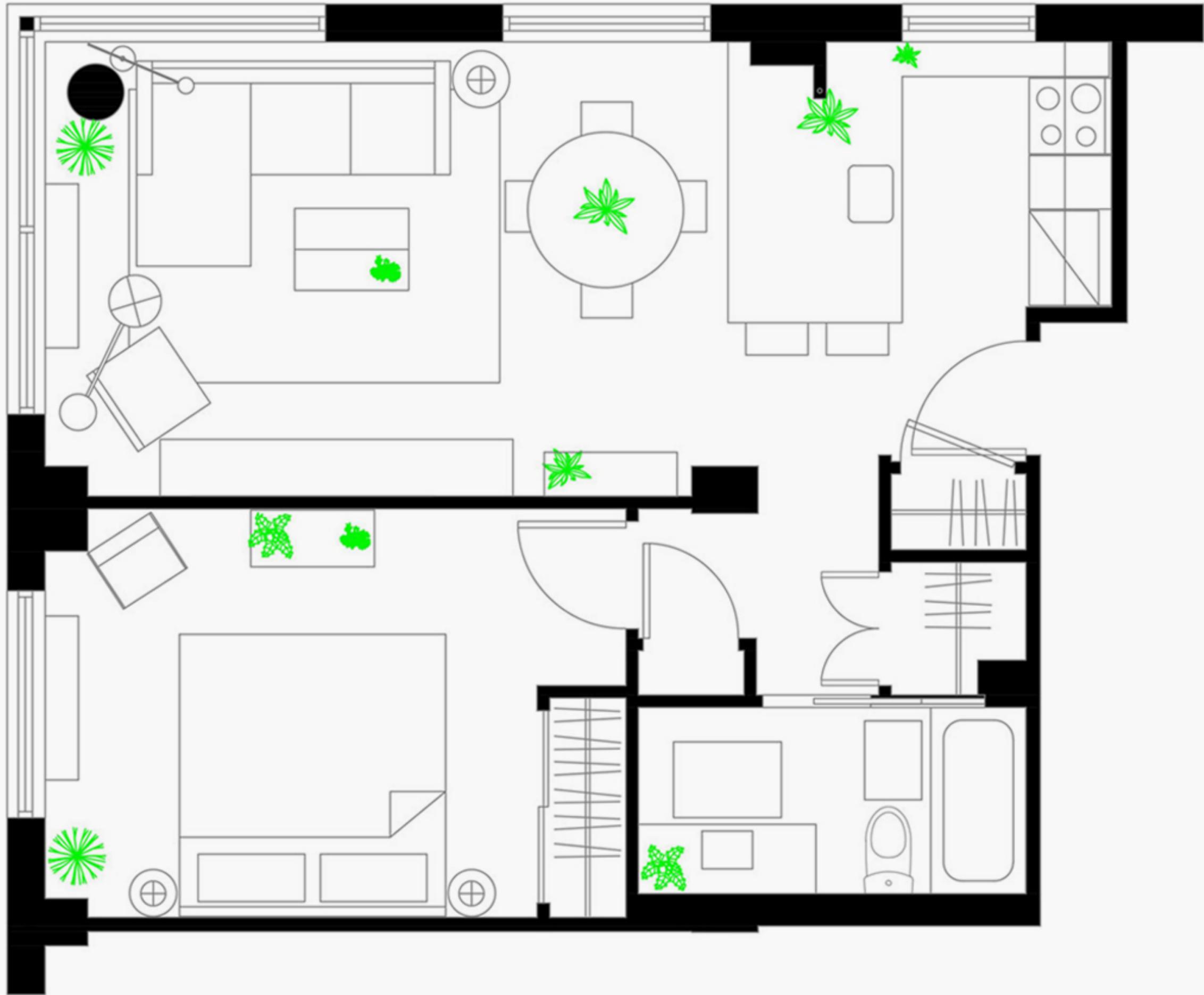
TOXICITY

The plant sap is toxic to animals. It is not considered poisonous to humans but should not be ingested.



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

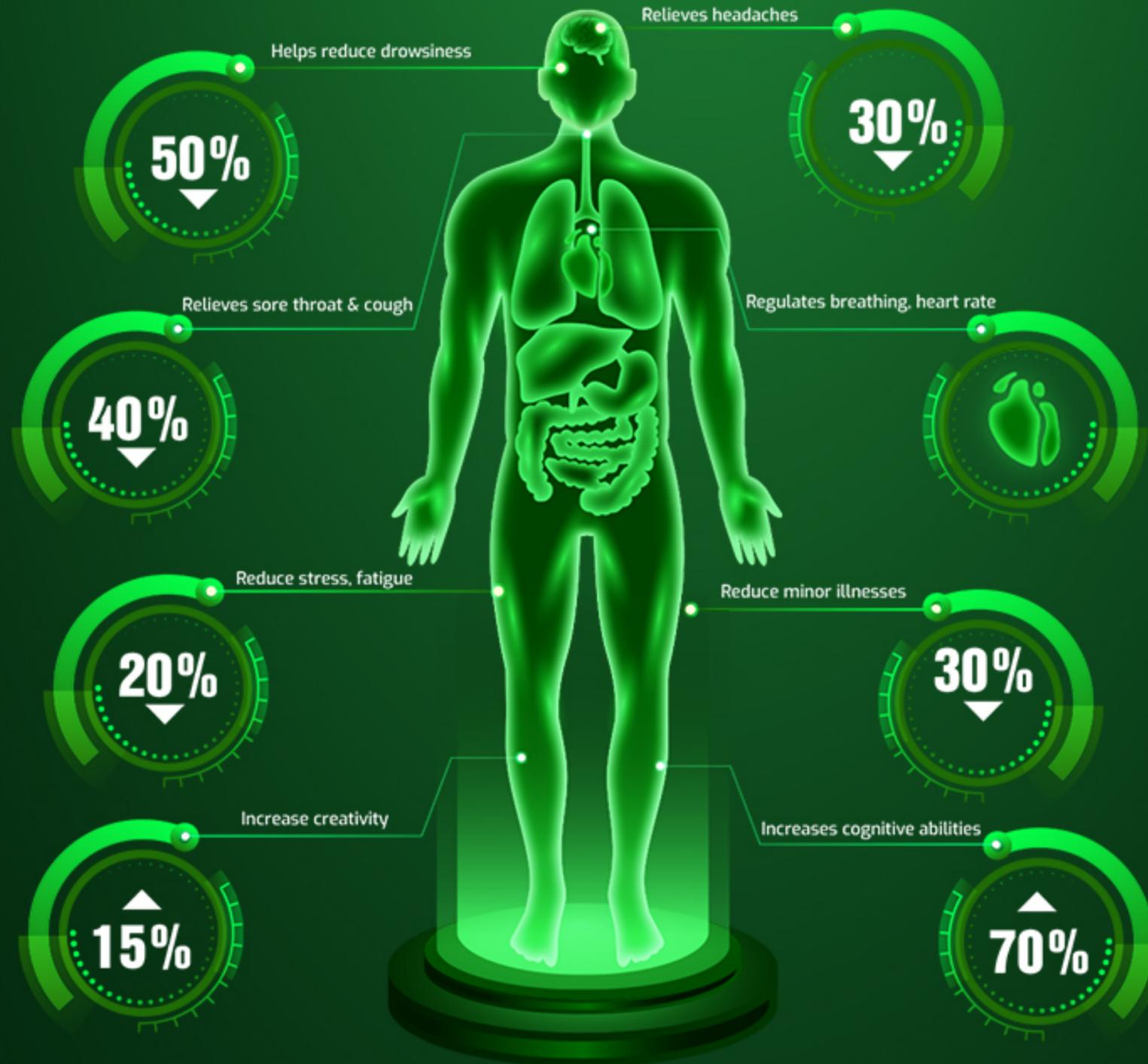




GREAT BENEFITS OF GROWING INDOOR PLANTS

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

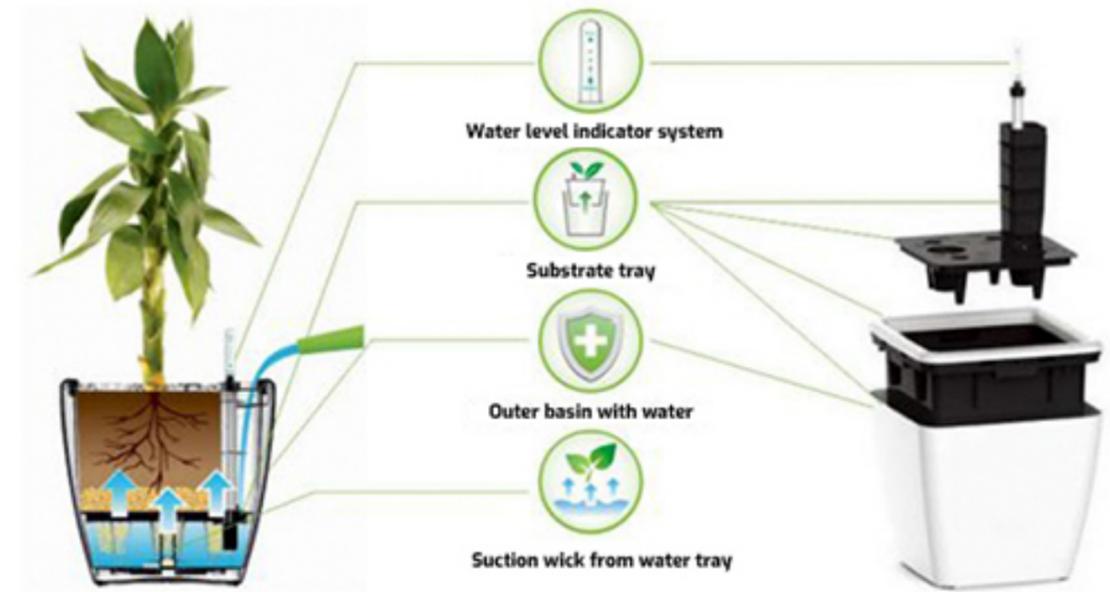
The mechanism behind how self-watering pots work is a phenomenon known as "capillary activity" or "wicking phenomenon."

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.

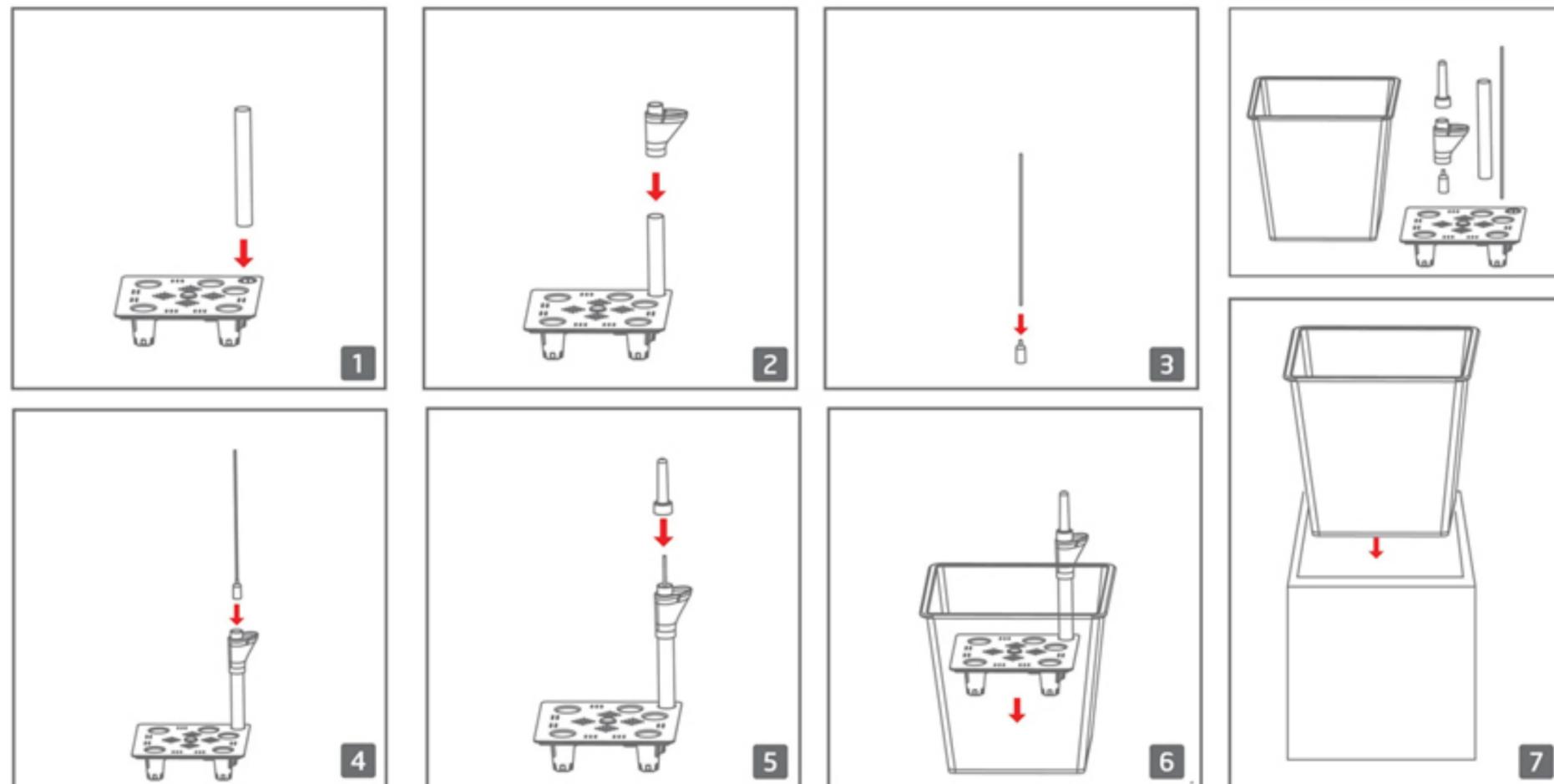
When plants have a need for water, they will absorb water in the soil, when this soil moisture will decrease. And at that moment, the wick will suck a corresponding amount of water to balance the moisture for the tray containing the substrate.

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

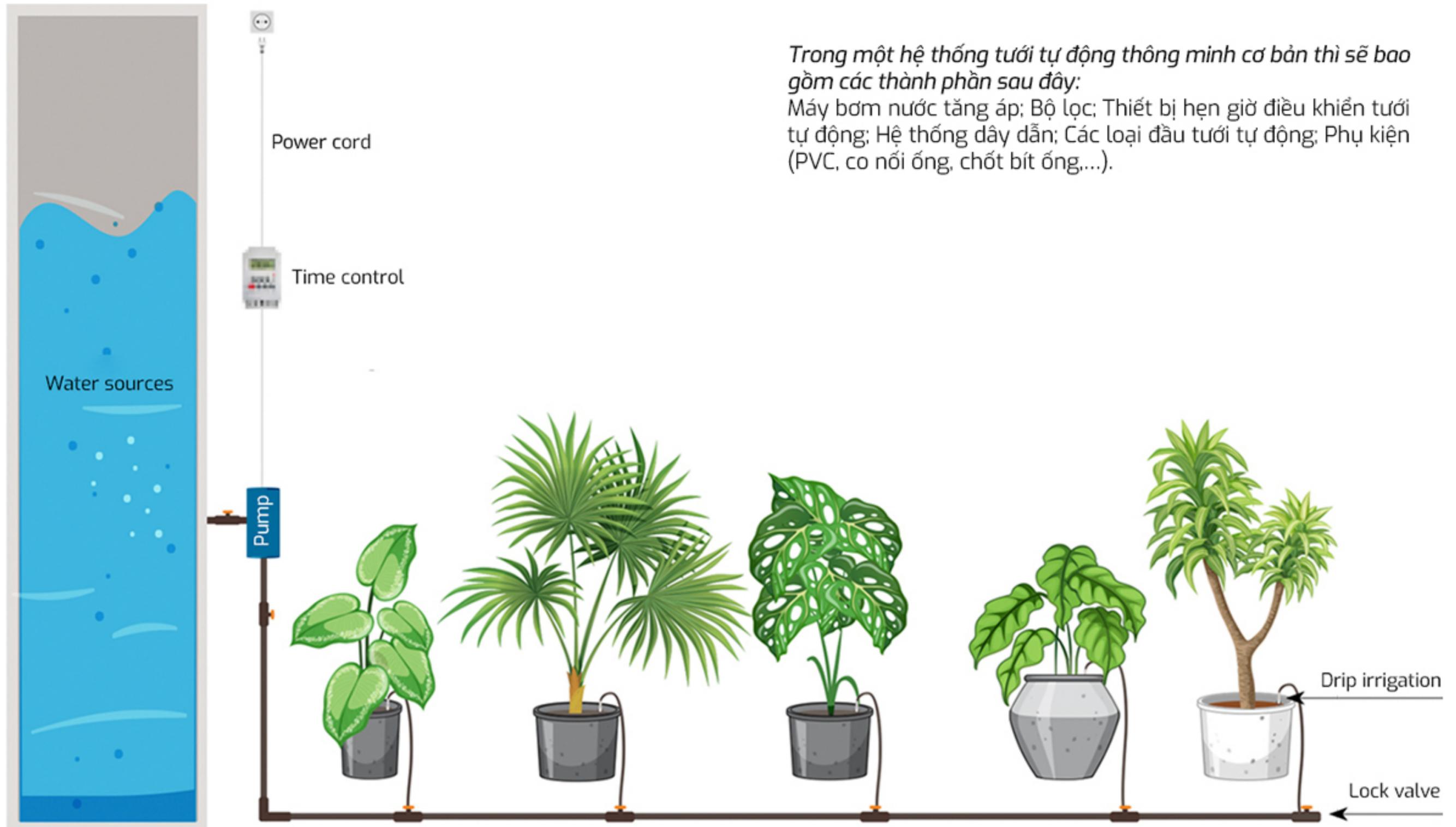


CERAMIC - G01/M

Color:  
Series: G01/M
Model: CERAMIC

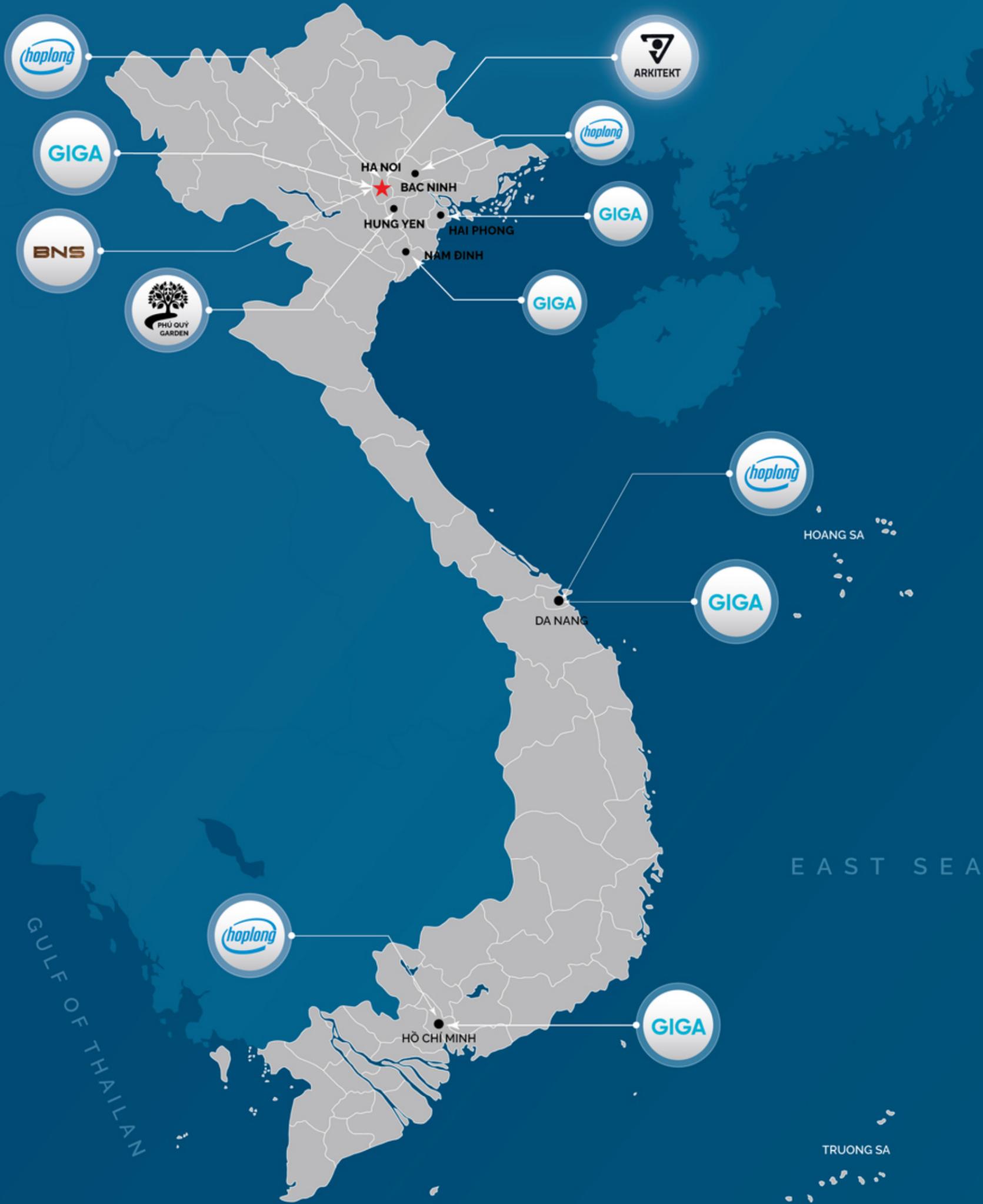
SMART PLANT IRRIGATION SYSTEM

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,...).



33A/41 Thai Ha, Ha Noi
 NT06-198 VOP Gia Lam, Ha Noi
 033. 266. 6061
 aki2you
 @aki2you
 @aki2you



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