



KIMBERLY QUEEN PERN

SYMBOL OF PROSPERITY AND ABUNDANCE



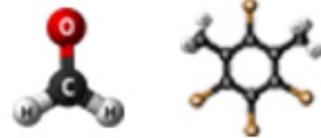


SYMBOL OF PROSPERITY AND ABUNDANCE

MSP: C0006



Vietnamese name	Dương xỉ nữ hoàng
English name	Kimberly Queen Fern
Science name	<i>Nephrolepis oblitterata</i>
Mature size	46 - 76 cm
Filtration of harmful substances	Formandehyde, xylene



The Kimberly Queen Fern (*Nephrolepis oblitterata*) is a tropical fern with stunning, dark green, sword-shaped fronds. It can be planted in the ground in warm climates but cannot tolerate cold temperatures. It thrives in full shade or dappled sunlight. The fern has a relatively fast growth rate and is best planted in the spring.

The Kimberly Queen Fern is a native species of Australia. Its common name originates from the Kimberley region of Australia and the Earl of Kimberley, a former British Colonial Secretary in the 1800s. A home adorned with Kimberly Queen Ferns will exude an air of elegance and classic beauty.

In addition to being excellent air purifiers, the fronds of the Kimberly Queen Fern are used as a remedy for various skin conditions such as psoriasis, dermatitis, and bleeding due to their beneficial properties.



Origin
Australia



Genus
Fern



Search Name
Australian Sword Fernata



LIGHT: Avoid harsh direct sunlight as it can scorch the delicate fronds. They thrive best in bright locations with indirect sunlight, near a sunny window.



TEMPERATURE: Flourish in temperatures ranging from 15.5°C to 21°C and cannot tolerate frost.



GROWTH RATE: They have slow growth, typically reaching a maximum height of about 75 cm to 1 meter.



SOIL

A well-draining, moisture-rich soil mix is ideal for the Kimberly Queen Fern. Standard potting mix with added peat for additional drainage is sufficient.



NUTRITION

During the growing season, which is spring and summer, liquid fertilizer should be applied once a month to encourage healthy growth.



WATERING

Water every 5 to 7 days, depending on light and temperature. Keep the soil evenly moist but not waterlogged.



CARE

Prune diseased or withered leaves monthly. Fertilize once in spring. To control size or shape, prune with clean cuts just above leaf nodes and at a slight angle.



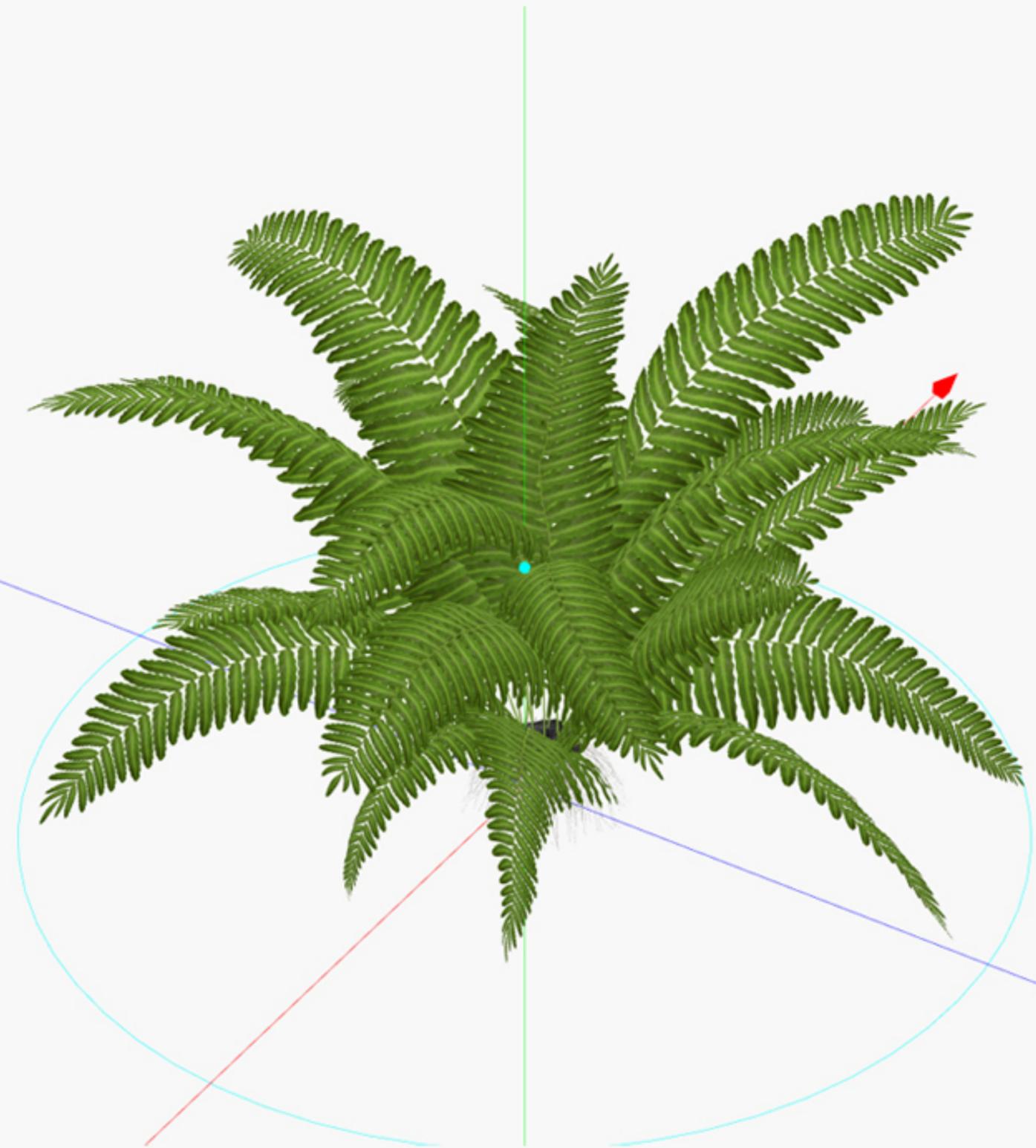
AIR PURIFICATION

The Kimberly Queen Fern is one of the best plants for removing air pollutants.



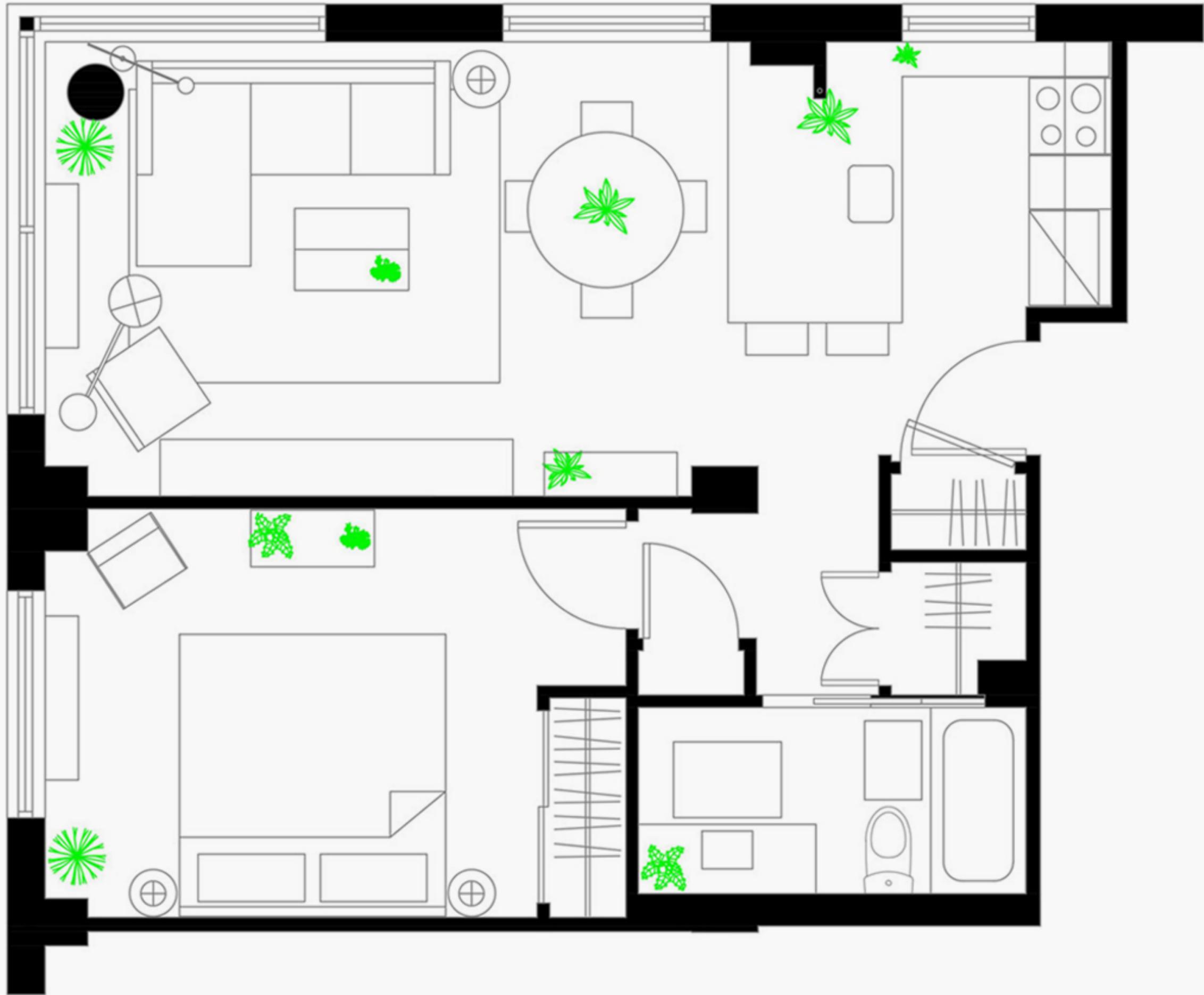
TOXICITY

Safe for children and pets.



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

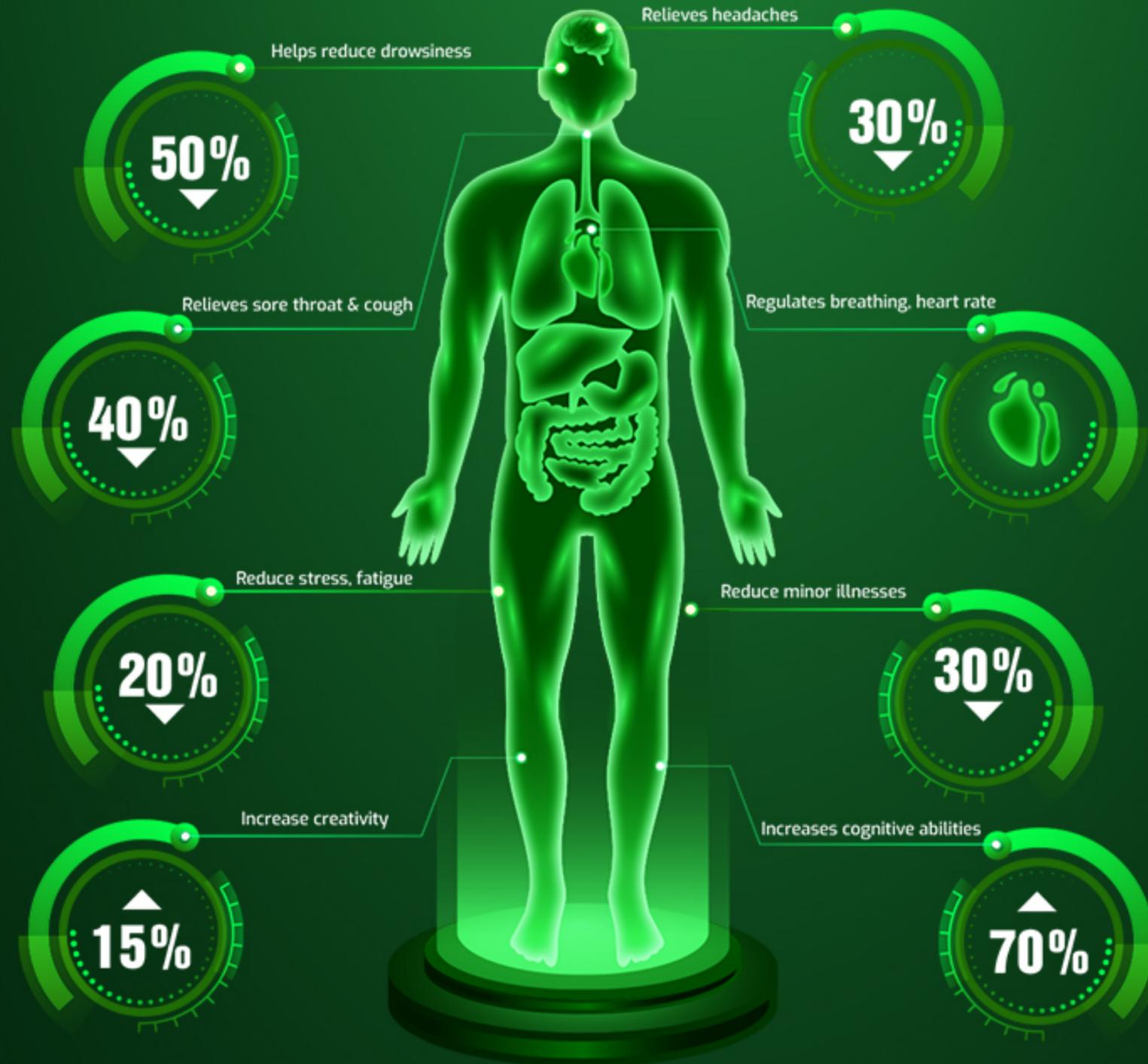




GREAT BENEFITS OF GROWING INDOOR PLANTS

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

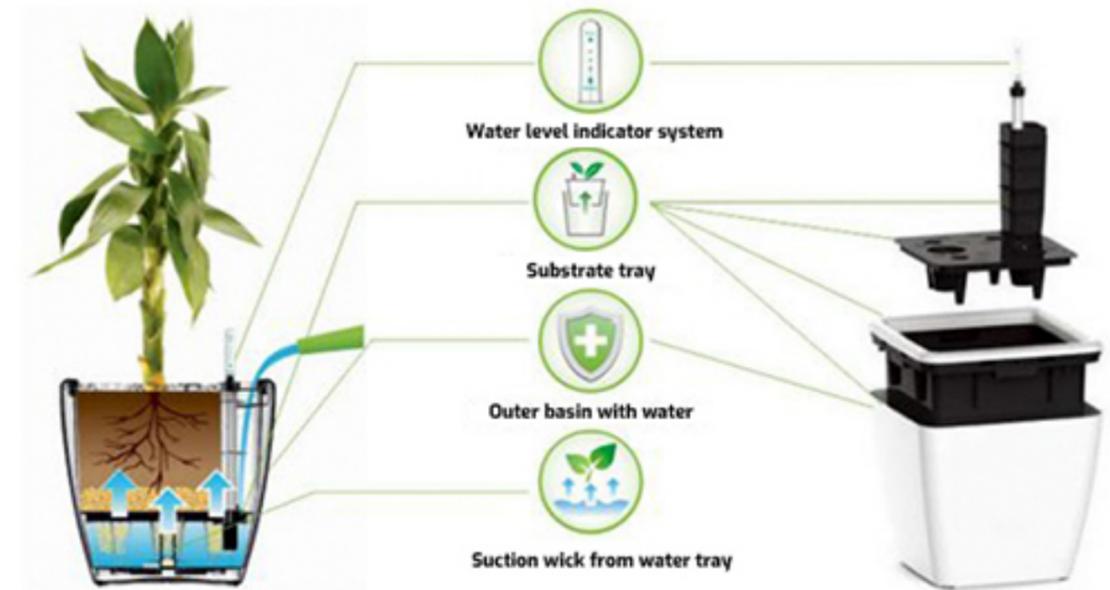
The mechanism behind how self-watering pots work is a phenomenon known as "capillary activity" or "wicking phenomenon."

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.

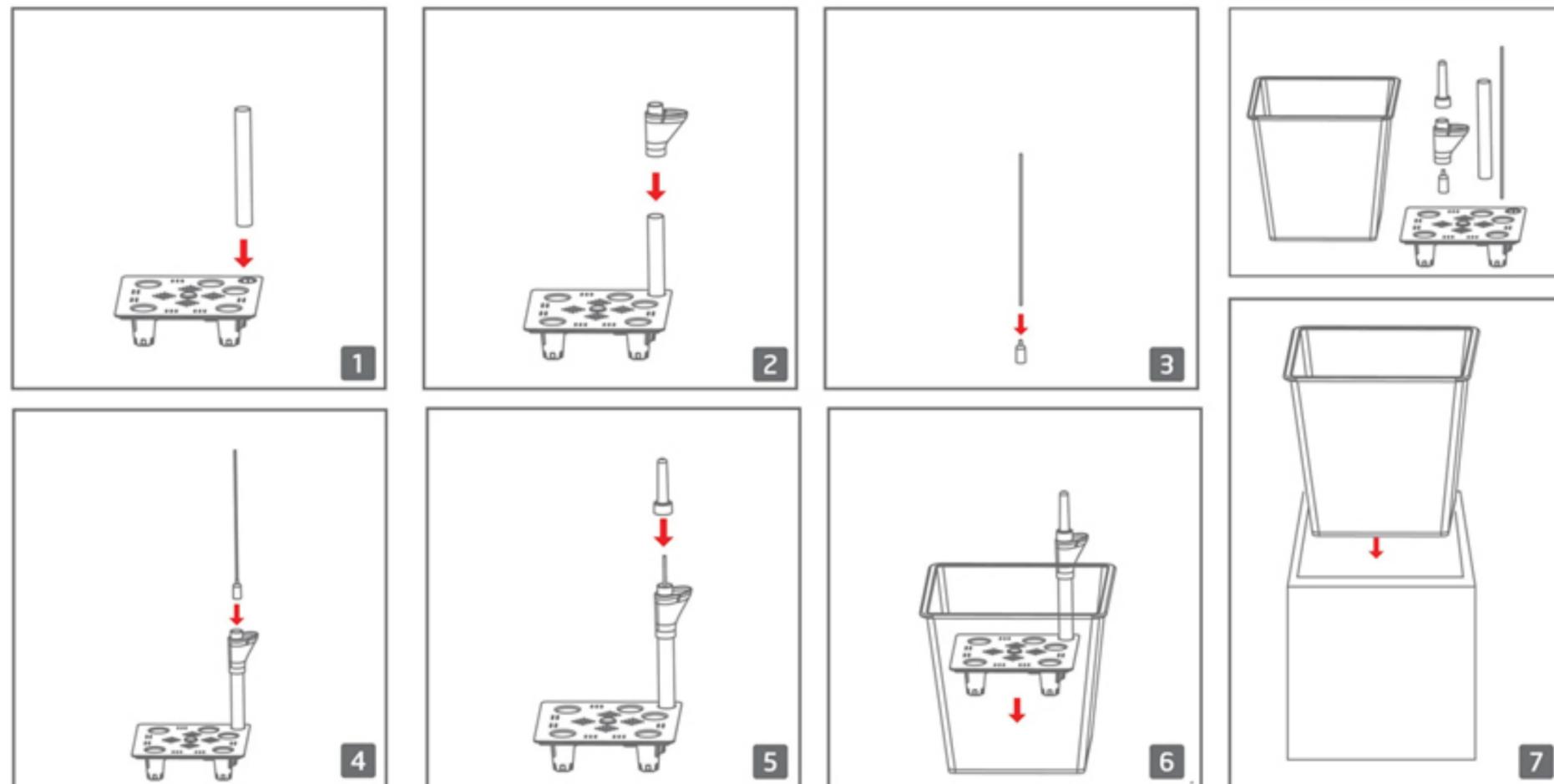
When plants have a need for water, they will absorb water in the soil, when this soil moisture will decrease. And at that moment, the wick will suck a corresponding amount of water to balance the moisture for the tray containing the substrate.

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

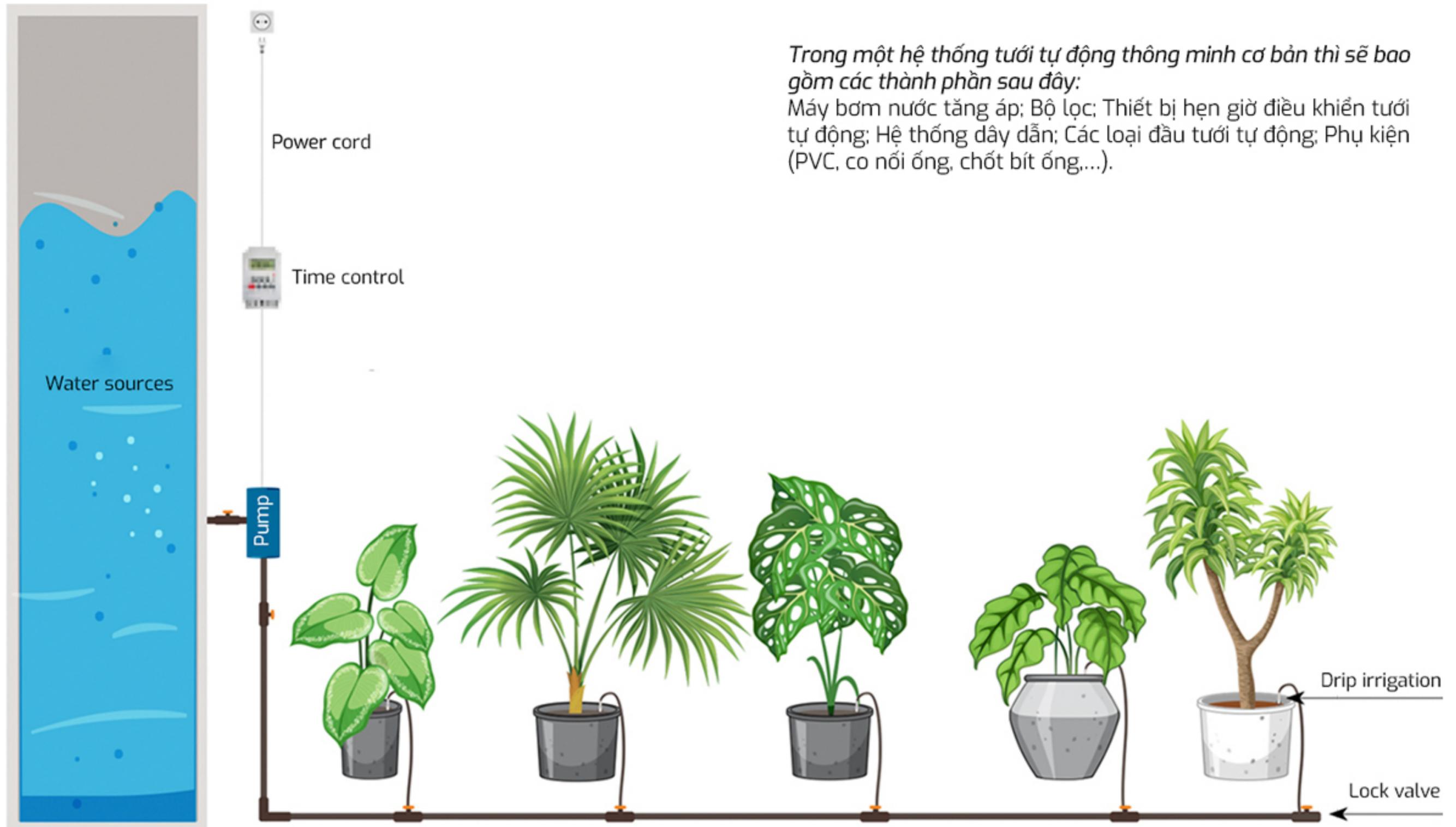


CERAMIC - G01/M

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Series: G01/M
Model: CERAMIC

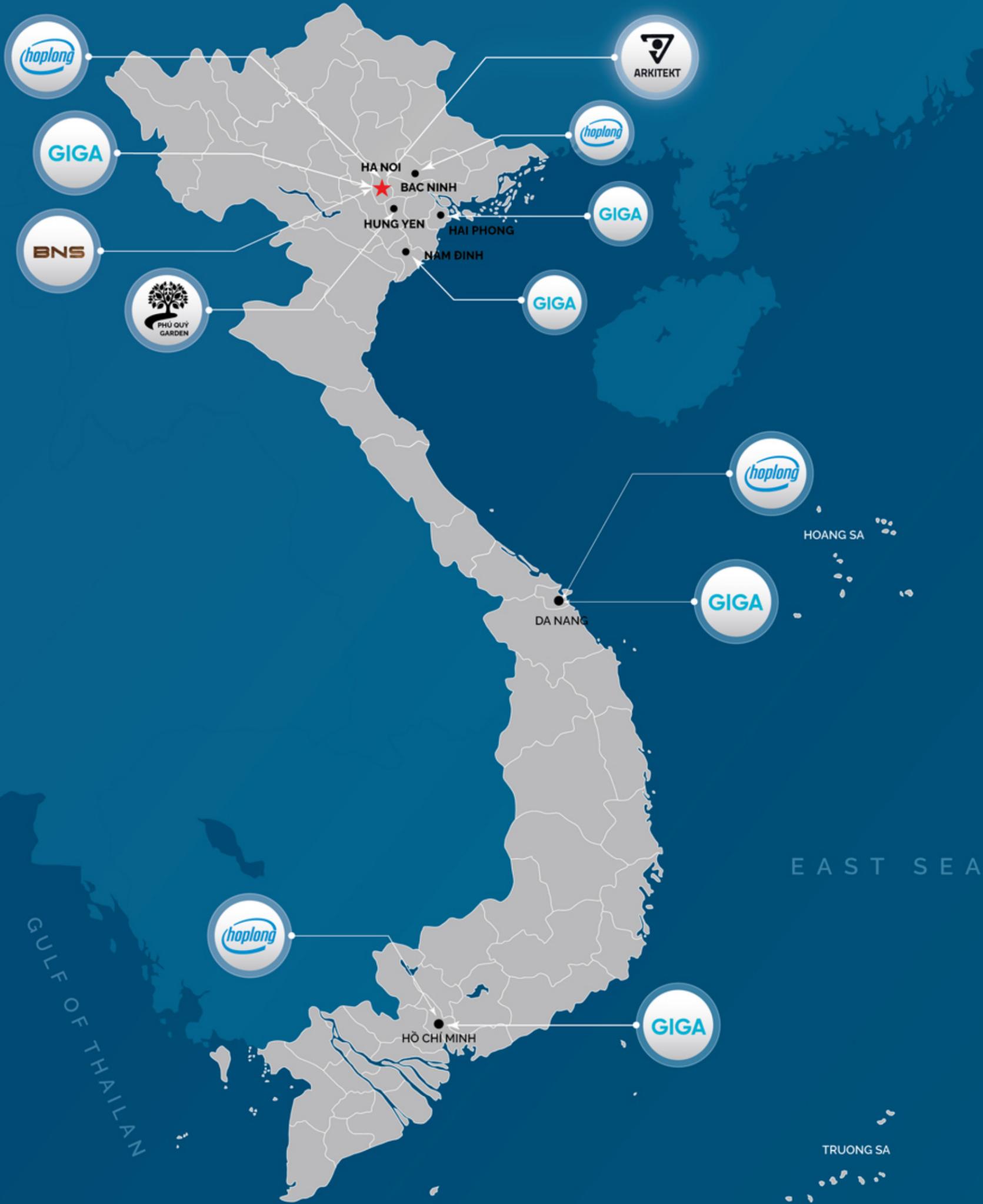
SMART PLANT IRRIGATION SYSTEM

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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