

# KNOW HOW IN NO TIME

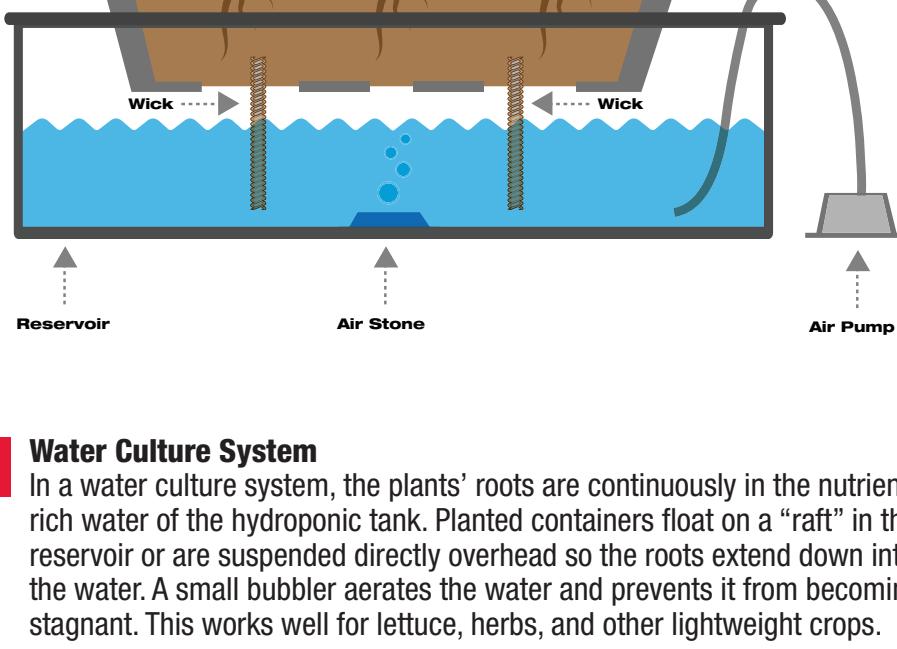
## What Is Hydroponic Gardening?

What on earth is *Hydroponic Gardening*? Simply put, it is a method of gardening that does not require soil. You can grow delicious herbs, veggies and some fruits indoors all year round. There are three basic types of hydroponic grow systems: wick, water culture, and flood and drain.

### Three Types Of Hydroponic Gardening:

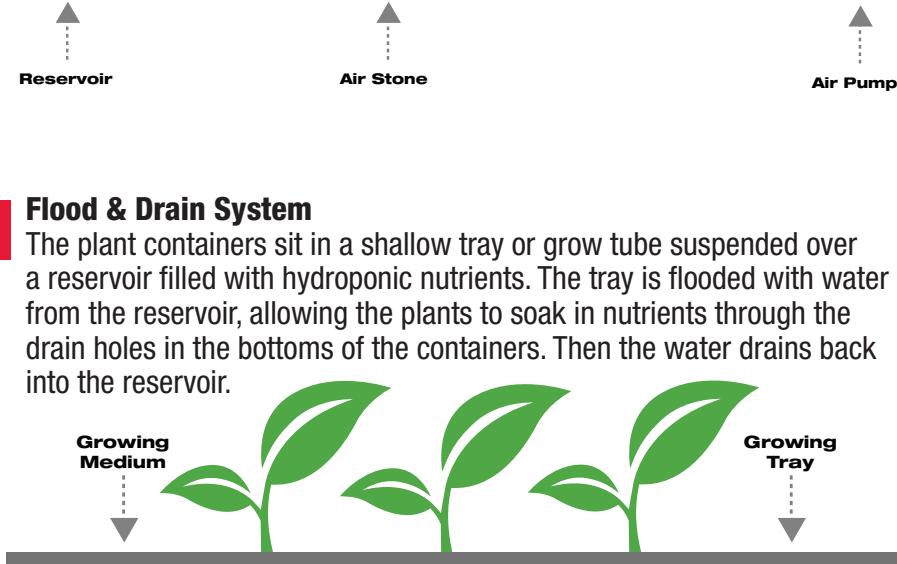
#### 1 Wick System

A wick connects the planting container and the water reservoir, providing a steady source of nutrient-rich water to the plants' roots. This is only suitable for small plants such as microgreens or herbs.



#### 2 Water Culture System

In a water culture system, the plants' roots are continuously in the nutrient-rich water of the hydroponic tank. Planted containers float on a "raft" in the reservoir or are suspended directly overhead so the roots extend down into the water. A small bubbler aerates the water and prevents it from becoming stagnant. This works well for lettuce, herbs, and other lightweight crops.



#### 3 Flood & Drain System

The plant containers sit in a shallow tray or grow tube suspended over a reservoir filled with hydroponic nutrients. The tray is flooded with water from the reservoir, allowing the plants to soak in nutrients through the drain holes in the bottoms of the containers. Then the water drains back into the reservoir.

