

ESPORA®

TECHNICAL DATA SHEET INDOOR AND OUTDOOR MODULES

Organic vertical garden



Saves water up to 60%

Self-watering system, individual for each plant



Improves air quality

Plants take away polluting particles from the air



Brings moisture to the environment

Improves environmental control of enclosures



Accepts fertilization

Avoids nutrient wash-out in substrate and allows for new contributions



Indoor and outdoor

Reduces temperature variation and increases moisture in the surroundings

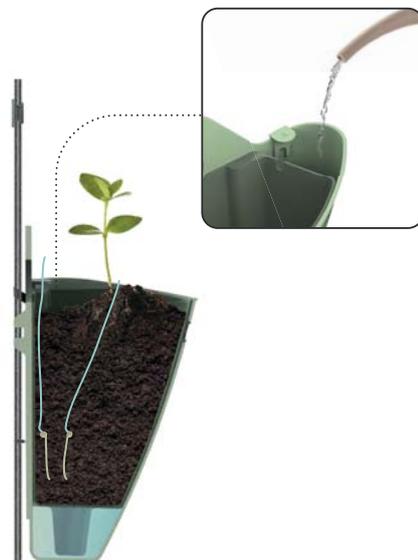
This is the first vertical garden system that truly saves water and requires very little maintenance.

Each water tank has an autonomy of between 10 and 30 days, depending on the season or temperature.



INDIVIDUAL CAPILLARY IRRIGATION

A set made of two planters: one contains water (water tank) and the other soil (planter). Capillary irrigation is reached through a rope, where the moisture seeps and reaches the soil.





Drip irrigation

Maximum water level Capillary rope



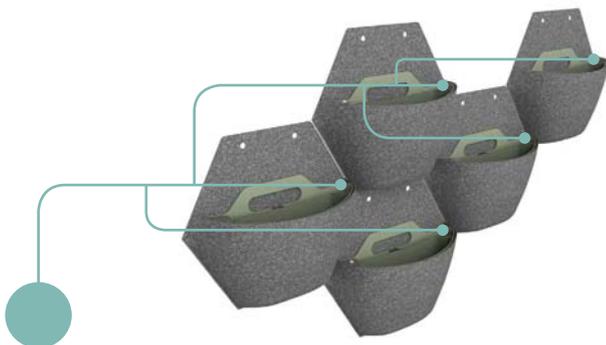
AUTOMATED IRRIGATION INSTALLATION

The tank can be filled manually or automatically, by installing a dripping system. The tank has a slot for the drip and a pin that holds the watering tube.

1. Set the watering tube with the valve to the back side slot of the tank. Attach the pin that will hold the tube.
2. Introduce the planter in its textile sleeve, pushing the watering tube through a hole aligned with the slot.
3. Hang the textile sleeve on to the wall, with the planter inside.

AUTOMATED CHAIN IRRIGATION

Automated chain irrigation system through a pump and a timer, that waters each planter in a preset time and length.



The Espora Vertical Garden cleans and purifies the air in your home or office. It can be installed in the kitchen too, providing a handy collection of your favorite herbs.

CULINARY GARDEN

Made for your kitchen, featuring aromatic herbs, leaf vegetables and edible flowers: parsley, peppermint, dill, basil, thyme, arugula, violas, etc.

AIR FILTERING GARDEN

Equipped with the most efficient plants for capturing harmful particles that accumulate in closed up environments: dracaena, pothos, spider plant, ficus, ivy, etc.

DECORATIVE GARDEN

Beautiful and welcoming: orchids, succulents, ferns, begonias etc

