
4*8ft Movable Flood Table



Flood & Drain Table uses 5 inches high 4x8ft Flood trays. The racks use hot galvanized steel pipe. It comes with wheels, has a good flexibility, perfect for home garden. Customized sizes are always available.

Size: 2.4×1.2×0.8m(L,W,H)

Tray Material: ABS

Rack Material: Hot Dip Galvanized

Tray Thickness: 3mm

Depth: 125mm

What is flood and drain table?

Flood and drain table is a form of hydroponics that is known for its simplicity, reliability of operation and low initial investment cost.

How does the flood and drain table work?

Construction: The flood table is usually made of durable materials such as plastic or metal. It has raised edges to contain the water within the table and prevent spillage. The table is designed to be sturdy yet lightweight for easy movement.

Water reservoir: The flood table is filled with water, which acts as the nutrient solution for the plants. The water level should be carefully controlled to ensure proper flooding and drainage.

Pump and timer: A submersible water pump is used to flood the table with water periodically. The pump is connected to a timer that controls the flooding intervals and duration. This flooding and draining cycle is essential for delivering nutrients to the plant roots and preventing waterlogging.

Growing medium: Plants are typically grown in containers or trays placed on top of the flood table. The containers are filled with a suitable growing medium such as rockwool, perlite, or clay pellets. The growing medium provides support to the plants and helps retain moisture and nutrients.

Nutrient solution: The water in the flood table is enriched with a hydroponic nutrient solution, containing essential minerals and elements required for plant growth. The solution is usually mixed according to specific ratios and adjusted based on the plant's nutritional needs.

Drainage system: After the flooding cycle, excess water is drained from the flood table to prevent waterlogging and ensure oxygen supply to the plant roots. This is typically achieved through a drain fitting connected to a hose or pipe leading to a suitable drainage point.

Mobility: A movable flood table is equipped with wheels or casters to facilitate easy movement. This feature allows growers to reposition the system as needed, especially in commercial settings or when optimizing light exposure for plants.

PRODUCT DETAILS

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Product

link : <https://www.naturehydro.com/hydroponic-growing-sytems-flood-and-drain-racks.html>