

Plant Mini Operation Guide

Purpose

This guide will walk you through operating the Hydroponics Plant Mini system.

Power

- Press the power button on the top of the unit. The red light means the power is off and the green light means the power is on.
- The unit will automatically turn on the pump and fans, along with the lights for either the vegetables or the flowers and fruits. See below for more specifics on these items.



Water Pump and Fans

The water pumps circulate the water so that vital nutrients can move to the plant roots. The fans help strengthen and reduce injury and disease to the plants. They always run at a consistent speed.

- One button on the top panel turns the water pump and fans on.
- They run on a 60-minute schedule that begins when the switch is turned on.
- The water pump and fans follow this schedule of approximately 30 minutes on, 30 minutes off.



Lights

The LED light array mimics sunlight (including the red-and-blue light spectrum) to help the plants grow.

- The lights run on a 24-hour schedule that begins when they are turned on for approximately 18 hours on, 6 hours off.
- There is a bloom light for flowering plants and a vegetable light for leafy greens and other non-flowering vegetables. Select the button on the top for the appropriate setting depending on what is being grown.



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Step 1: Prep and Growth Understanding

Prepare the system for deep water culture

1. Remove any trays currently installed.
2. Install the pump cover on the pump spout.
3. Place the grow cup cover on top so that the notch in the cover lines up with the post at the back of the hydroponic system.



OR

Prepare the system for ebb and flow

1. Remove any trays currently installed and make sure the pump cover is not installed on the pump spout. If it is, it will need to be removed.
2. Place the ebb and flow tray on, followed by the grow cup cover, so that the notches in the tray and cover line up with the post at the back of the hydroponic system.



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