

Vireo school garden spec sheet

Model	S03.2
Assembled dimensions (in.)	59 L X 25 D X 79 H
Assembled dimensions (mm.)	1493 L X 626 D X 1992,8 H
Weight of assembled garden (empty)	350 lbs
Shipping format (in.)	Skid 33 X 62.5
Shipping package dimensions (in.)	Box #1: 59 L X 24 D X 14.5 H Box #2: 60 L X 26 D X 33.25 H
Electrical specification	120V, 2.8 A 60 Hz
Number of plants and volume per plant	99 360 cubic inch
Water reservoir capacity	102 L 26.5 GAL
Materials	Metal 40% Plastic 40% Electric 15% Other 5%



- 1 DEL lights system (with programmable timer)
- 2 Water flow speed valve
- 3 Anti overflow system
- 4 Easy cleaning components
- 5 Nursery shelf with DEL light
- 6 User friendly electric panel
- 7 Easy access cabinet (storage for products)
- 8 High flow capacity water pump
- 9 High capacity water reservoir
- 10 Heavy duty casters

— Good to know —

The Vireo garden is a hydroponic vegetable garden designed and manufactured specifically for classrooms and the school environment. With its 99-plant capacity per cycle, it can benefit multiple classes or a large number of students simultaneously. The garden is built with the best possible components to last longer and ensure more frequent plentiful harvests.

Mobile and convenient design

- Mobile design for easy transport between classrooms, halls, or cafeterias without disassembly.

Easy maintenance and cleaning

- Soil-free hydroponic garden.
- Vireo provides all maintenance products.
- Intuitive tools and the Vireo team support streamline maintenance for a clean environment.
- Equipped with casters for easy cleaning around and underneath the garden.

Mold prevention

- Self-supporting design with plants and components detached from walls and floors.
- Plastic tanks and water-repellent components.

Electrical consumption

- Operates on a standard 120 V outlet.
- Monthly consumption is about 200 kWh, comparable to twice the energy use of a refrigerator.

Low humidity

- Humidity coming from mature plants' transpiration is minimal – approximately 0.1 liter per day per plant.
- Significantly less than traditional soil-based crops.
- This humidity level corresponds to that of about eight people in the same room.

No overflow concerns

- Closed-circuit water circulation.
- Reservoir filled to 80% of its capacity, ensuring clearance for circulating water in case of a pump shutdown.
- Equipped with a ground water leak detector and anti-overflow system for added safety.