

Specifications



Features

Fully Redesigned

Stunning new design features tinted glass panels, innovative easy-clean tray design, no-waste GrowServe™ system, and an optional built-in water cooling system.

Automated Growing

Proprietary technology ensures plants receive the optimal amount of light, water and nutrients.

Remotely Managed

Sensors and cameras continuously relay data about the farm, allowing Babylon to monitor performance and make adjustments from afar.

Seed Variety

Choose from 40+ varieties of leafy greens, herbs, microgreens and flowers.

App Alerts

Babylon's Guided Growing app alerts you when crops are ready for transplant or harvest.

Personalized Support

Dedicated account manager, online help center, and how-to videos to ensure you have the help you need, when you need it.



Unit Dimensions*

67" w x 29.75" d x 79.75" h
1.71 m x 0.76 m x 2.03 m

* At least 4" (10.2cm) clearance for rear, sides and top of farm

Shipping Dimensions

US: 72" w x 48" d x 87.5" h
International: 73.5" w x 50" d x 88" h
1.87 m x 1.27 m x 2.24 m

Door Outswing

59" outswing (1.5m)

Weight

600 lbs (272 kg)
900 lbs *with water* (408.2 kg)
900 lbs fully crated (408.2 kg)

Power Consumption

13 kwh/day

Weekly Harvests

Leafy Greens
3-6 lbs per zone/level (1.3-2.7 kg)

Herbs
1.5-4 lbs per zone/level (0.7 kg)

Microgreens
6-10 oz per tray (170-283g)

Site Requirements

Location

- Ceiling height >84"
- Level, stable flooring at least 6' x 5'
 - No transitions (e.g. wood to carpet)
- The floor must be able to support 900 lbs on four leveling feet
- Sink or drain within 50' of Micro-Farm
 - Note: Micro-Farm **will not** be directly attached to a sink or drain. Instead, every 8 weeks, operators will attach a hose to the reservoir and drain it into a nearby sink or drain
- At least 4" of clearance on rear, top and sides of farm
- At least 3' away from any sun-facing windows (recommended)
- Food-safe pest control measures in place

Water Line

- 1/4" (OD) flexible cold water line run directly behind farm location
- Dedicated line, independent from other equipment
- Farm cannot sit on top of the water line
- Minimum flow rate 30 gph
- Minimum pressure 40 psi

Water Quality

- Water must be potable
- Chlorine level not to exceed 2ppm
- Water hardness not to exceed 200 ppm

The majority of our clients meet these requirements, however if you are on well water, use a softener, etc., you may need to install a water filtration system. We can recommend one.

Electric

- 120v outlet on a dedicated 15-amp circuit
- Outlet within 10 feet of farm location
- Two Micro-Farms may share the same dedicated 20-amp circuit

HVAC

- Ambient room temperature of 67° -76°F (19.4°-24.4°C)
- Relative humidity of 30%-60%

Connectivity

The Micro-Farm has an integrated cellular modem.

- Verizon LTE signal strength at farm location must be >-95dB
- Note: All cellular communications are isolated to the cellular modem and monitored by Babylon.

If cellular connectivity is uneven or poor, customers may hardwire the farm.

- Furnish a standard ethernet cable (Cat5 or better cable w/ RJ45 connector)
- Connection to the farm is at the back of the unit near the power cord
- Please contact us if you have a complex network setup, stringent firewalls, or are unsure.