

ARKTIK GrowBench 10 Specifications

Model:	ARK-HH-GB10
Type:	Modular Kit + LED Lighting (No Irrigation)
Footprint:	10 ft × 10 ft (100 sq ft)
Height:	18 in (seating surface)

Materials & Construction

Component	Material	Finish / Details
Frame	2×2 in powder-coated steel	Matte black; silver/gold accent brackets
Seating Surface & Ledges	5/4×6 in cedar planks	Smooth-sanded; clear outdoor sealant
Fasteners	Stainless steel deck screws	Corrosion-resistant
Connectors	Zinc-plated steel brackets	Decorative silver/gold coating

Planter & Soil

Item	Specification
Planter Cavity Size	118 in × 118 in × 12 in depth (internal)
Soil Volume	≈100 cubic ft (12 in depth)
Soil Type	Alkaline, pH 7.5–8.0 mix (peat-free, perlite, compost)
Seedling Capacity	100–120 starts (mixed crops)

Lighting & Power

Feature	Specification
LED Strips	Warm-white 3000K, 12V DC, 16 ft length
Power Supply	12V low-voltage transformer, GFCI-rated
Mounting	Pre-applied adhesive backing; zip-tie mounts
Control	Inline dimmer compatible

Assembly & Installation

1. Site Preparation: Ensure level ground; compacted gravel or pavers recommended.
2. Frame Assembly: Follow interlock connector sequence; secure planks.
3. Soil Fill: Install liner (optional); fill cavity; level soil.

4. Lighting Installation: Adhere LED strips under ledges; connect transformer to outlet.
5. Testing: Test LED illumination; adjust settings as needed.

Performance & Maintenance

- LED Usage: 2–4 hours nightly for accent lighting; optional daylight timer integration.
- Cleaning: Inspect LED strips and clean surfaces quarterly.
- Warranty: 3 years on frame; 2 years on lighting components.