BN-LINK CP-C93

BN-LINK Seedling Heat Mat Instruction Manual

Model: CP-C93

1. Introduction

The BN-LINK Seedling Heat Mat is designed to provide optimal thermal conditions for seed starting and plant propagation. It ensures consistent, uniform heating to encourage healthy root development and germination success. This mat is ideal for use in greenhouses, for home-brewing, and even for pet enclosures.

Key features include:

- **Ideal Germination Temperature:** Provides consistent temperatures around 70°F to 85°F (24°C to 30°C).
- **Durable and Flexible:** Constructed with multiple layers of flexible, waterproof PVC.
- **Easy Setup and Clean:** Simple plug-and-play operation and easy to wipe clean.
- **Versatile Use:** Suitable for seeding, germination, home-brewing, and terrariums.



Image: BN-LINK Seedling Heat Mat designed to cultivate ideal thermal conditions for plant growth.

2. Setup Instructions

Follow these steps to set up your BN-LINK Seedling Heat Mat for optimal performance:

1. **Surface Placement:** Place the heat mat on a well-drained surface, ensuring there is no standing water.
2. **Insulation (for warmer temperatures):** For warmer mat temperatures, place it on an insulated surface rather than a cold floor. Covering your plant tray with a humidity cover or dome will also help keep the root area warmer and maintain humidity for better rooting.
3. **Power Connection:** Plug the mat into a standard 120-volt power source.
4. **Temperature Rise:** The mat will raise rooting area temperatures approximately 10-20°F (5-11°C) above ambient air temperature.



Image: The heat mat displaying clear instructions and a germination chart for user convenience.

Image: The heat mat is designed for easy use; simply connect to power and it will achieve a stable temperature.

Setup with Temperature Controller (Optional)

For precise temperature control, the BN-LINK heat mat can be paired with a compatible digital temperature controller. This allows you to set and maintain specific temperature ranges for different plant types.

Video: This video demonstrates the setup of the BN-LINK Seedling Heat Mat with a temperature controller for precise heat management.

3. Operating Instructions

Once set up, the heat mat will continuously provide warmth to the rooting area. Place your seed trays or plant pots directly on the mat. The mat is designed to operate 24 hours a day without worry.

Germination Chart

The heat mat includes an example germination chart to guide you on approximate days to germination for various plants:

Plant	Approx. Days
Lettuce	3
Cabbage	4
Cucumber	4
Endive	4
Lobelia	4
Spinach	5-6
Basil	5-7
Tomato	6
Eggplant	6-7
Broccoli	7
Geranium	7-10
Peppers	7-10
Squash	7-10
Petunia	10-12
Parsley	13

Note: Germination times may vary due to variety of fruit/vegetable.



Image: Seedlings being watered while placed on the heat mat, demonstrating typical operating conditions.



Image: The heat mat is suitable for diverse applications such as plant germination, home-brewing, and pet terrariums.

4. Maintenance

The BN-LINK Seedling Heat Mat is designed for durability and easy maintenance. Its waterproof PVC layers protect internal heating elements from moisture.

Cleaning

To clean the mat, simply wipe it with a damp cloth. Avoid immersing the mat in water, as this may cause fire or electric shock. The mat resists rusting and corrosion, ensuring long-term use.



Image: The heat mat is easy to clean with a damp cloth, resisting rust and corrosion.

Storage

The supple nature of the mat allows for easy storage. Simply roll up the mat and wrap the cord around it. It will unroll easily when you are ready to use it again.

5. Troubleshooting

While the BN-LINK Seedling Heat Mat is designed for reliable performance, here are some general troubleshooting tips:

- **No Heat:** Ensure the mat is properly plugged into a functioning 120-volt power outlet. Check for any tripped circuit breakers.
- **Insufficient Heat:** Verify that the mat is placed on an insulated surface, especially if the ambient temperature is low. A humidity dome over your plant tray can also help retain heat.
- **Overheating:** Do not place any heat insulating materials directly over the heat mat, as this may cause it to overheat. Ensure proper ventilation.
- **Physical Damage:** Make sure the surface under the mat is free of sharp points or objects that might puncture the mat. Discontinue use if the mat is visibly damaged.

For further assistance, please refer to the customer support information in the Warranty & Support section.

6. Specifications

Attribute	Detail
Brand	BN-LINK
Model Number	CP-C93
Product Dimensions	10" x 20.75" (10 x 3 x 3 inches packaged)
Item Weight	1.53 pounds
Voltage	120VAC
Power	20 Watts
Material Feature	Waterproof PVC
Color	Black
Special Feature	Uniform heat distribution
Indoor/Outdoor Usage	Indoor Use Only
Certifications	UL Listed, Intertek 5021701, FC CE

Product Dimensions

Voltage: 120VAC
Power: 20W

Product Size: 10x20.75inch
Power Cord Length: 5.9ft



Cord Length: 5.9 ft (1.8m)

Image: Detailed product dimensions and electrical specifications.

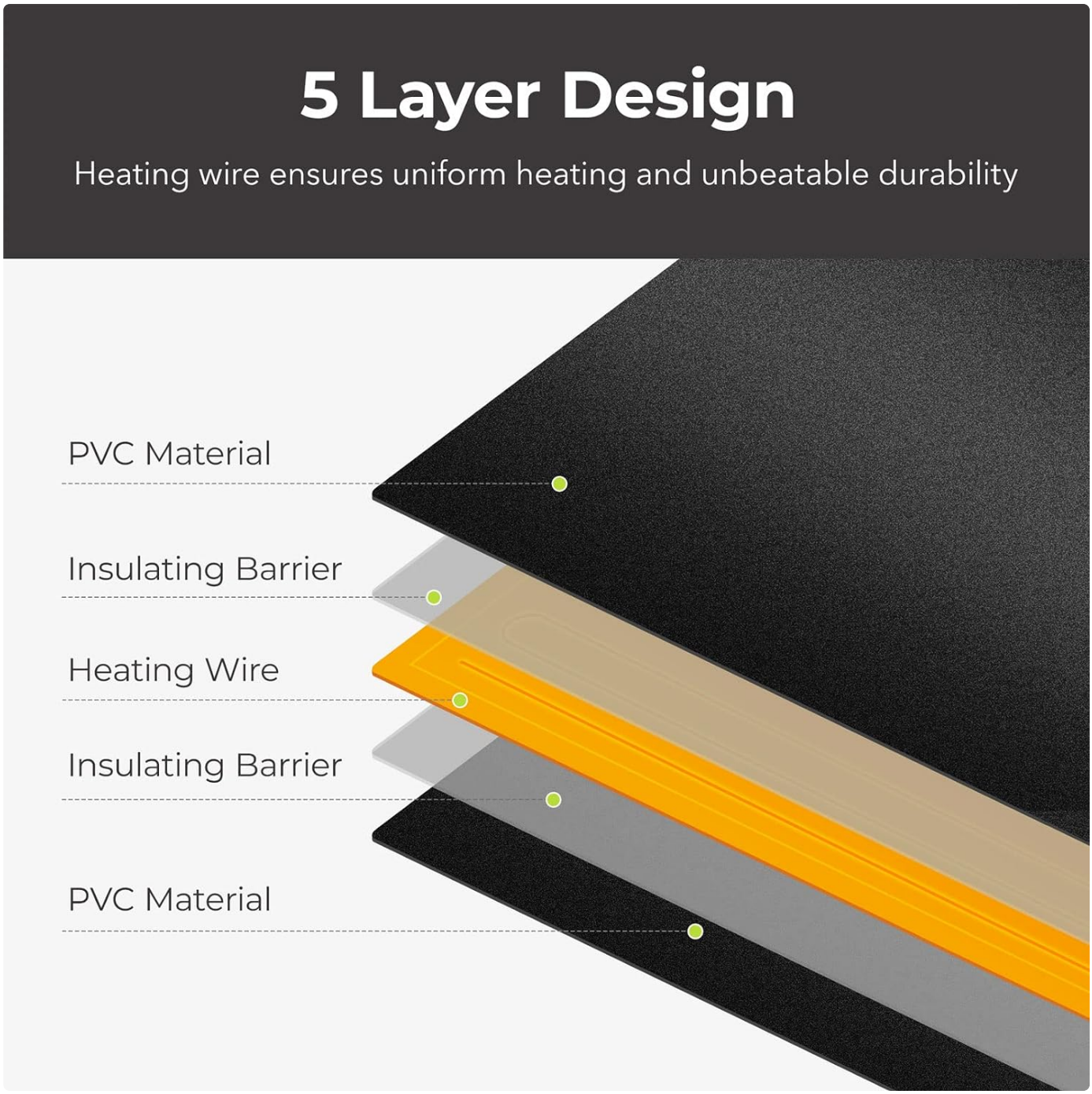


Image: Illustration of the heat mat's 5-layer design, highlighting PVC material, insulating barriers, and heating wire for durability and uniform heating.



Image: The heat mat is available in various sizes to meet different user needs.

7. Warranty & Support

Each BN-LINK Seedling Heat Mat unit comes with a strong 15-month warranty from the manufacturer.

Customer Service Assistance

For any questions, concerns, or support regarding your product, please contact BN-LINK directly:

Address: 11701 6th Street, Rancho Cucamonga, CA 91730

Phone: 1.909.592.1881

Email: support@bn-link.com

Website: http://www.bn-link.com

Hours: 9AM - 5PM PST, Monday - Friday

The product is designed in California and Made in China.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question