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## Pawfly Pawfly-YL5120

# Pawfly Soil Heating Cable with Built-in Thermostat & Plug

Model: Pawfly-YL5120

## INTRODUCTION

The Pawfly Soil Heating Cable is designed to provide consistent soil warming, promoting faster seed germination and healthy root development for plants in various environments such as cold frames, greenhouses, vegetable gardens, and containers. This manual provides essential information for the safe and effective use of your soil heating cable.

## SAFETY INFORMATION

Please read and understand all safety instructions before operating the device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Keep the heating cable away from flammable materials.
- Never cut or overlap the heating cable. Overlapping can cause excessive heat buildup and damage.
- When using mulch, ensure the heating cable is completely buried to prevent overheating.
- Vent cold frames during warm spells to avoid excessive temperature buildup.
- Ensure the ETL-listed plug is properly connected to a suitable power outlet.
- Do not immerse the thermostat or plug in water.



Image: The Pawfly Soil Heating Cable shown coiled and installed in a garden bed.

## SETUP INSTRUCTIONS

- 1. Uncoil the Cable:** Carefully uncoil the 26 ft (8 m) heating cable. Ensure there are no kinks or damage to the cable.
- 2. Placement:** Lay out the heating cable in your desired growing area. It can be placed directly on the soil surface or buried 3 to 4 inches (8-10 cm) deep in the soil. Ensure even spacing for uniform heating.
- 3. Secure the Cable:** If placing on the surface, use ground stakes to prevent tangling and ensure the cable stays in position.
- 4. Cover (Optional):** For enhanced heat retention and faster results, cover the cable with mulch or a protective film after placement.
- 5. Connect Power:** Plug the 4.9 ft (1.5 m) power cord into a standard 120V electrical outlet.

## Soil Heating Cable

Consistent Soil Warming for Maximum Yields



Image: The heating cable (26 ft / 8 m) and power cord (4.9 ft / 1.5 m) lengths are illustrated.

# Seeds Sprout Faster Plants Grow Stronger



Image: Examples of how to lay out the heating cable for different container shapes and garden beds, showing burial depth of 3-4 inches.

Your browser does not support the video tag.

Video: This video demonstrates the installation process of the thermostatic soil heating cable, including uncoiling, laying it out, securing it with stakes, and burying it in the soil.

## OPERATING INSTRUCTIONS

The Pawfly Soil Heating Cable features a built-in thermostat for automatic temperature regulation.

- **Automatic Temperature Control:** Once plugged in, the built-in thermostat automatically maintains the heating element temperature at approximately 140 °F ( $\pm 9$  °F).
- **Optimal Soil Warming:** This element temperature warms the surrounding soil to about 95 °F, which is ideal for accelerating seed germination and promoting robust root development.
- No manual adjustments are required for temperature settings. The system is designed for continuous, worry-free operation.



## Turn Any Space into Growing Paradise

Image: A close-up view of the heating cable buried in soil, illustrating the built-in thermostat and the target soil temperature of 95 °F (35 °C) and heating element temperature of 140 °F (60 °C).

### Ultimate Security Through Years of Use

- **Smart Built-in Thermostat**
- **Nickel-Chromium Alloy Wire**
- **FEP Insulation**
- **PVC Jacket**



Image: A visual comparison showing thriving plants with consistent soil heating versus struggling, yellowing, and stunted seedlings without heating.

### MAINTENANCE

To ensure the longevity and optimal performance of your Pawfly Soil Heating Cable, follow these maintenance guidelines:

- **Regular Inspection:** Periodically inspect the cable and power cord for any signs of damage, wear, or fraying. Discontinue use immediately if damage is found.
- **Cleaning:** If the cable is exposed, gently clean off any accumulated soil or debris. Ensure the cable is unplugged before cleaning.

- **Storage:** When not in use for extended periods, clean the cable, coil it neatly, and store it in a dry, protected area away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

If you encounter issues with your soil heating cable, consider the following:

- **No Heat:** Ensure the cable is securely plugged into a working electrical outlet. Check if the outlet has power by plugging in another device.
- **Insufficient Heat:** Verify that the cable is buried at the recommended depth (3-4 inches) and not exposed to cold air. Covering with mulch can improve heat transfer to the soil. Ensure the ambient temperature is not excessively low, which might affect the overall soil temperature despite the cable operating.
- **Overheating:** Ensure the cable is not overlapped or coiled too tightly, as this can lead to localized overheating. Confirm proper ventilation in enclosed spaces like cold frames.
- **Visible Damage:** If the cable or plug shows any signs of physical damage, discontinue use immediately and contact customer support.

## SPECIFICATIONS

<b>Power</b>	120 W
<b>Voltage</b>	120 V
<b>Heating Element Temperature</b>	140 °F ( $\pm 9$ °F) / 60 °C ( $\pm 5$ °C)
<b>Optimal Soil Temperature</b>	Approx. 95 °F
<b>Heating Wire Length</b>	26 ft (8 m)
<b>Power Cord Length</b>	4.9 ft (1.5 m)
<b>Insulation</b>	FEP
<b>Outer Jacket</b>	PVC
<b>Safety Certification</b>	ETL-listed plug
<b>Product Dimensions</b>	4.1 x 4.1 x 9.9 inches
<b>Item Weight</b>	12 ounces



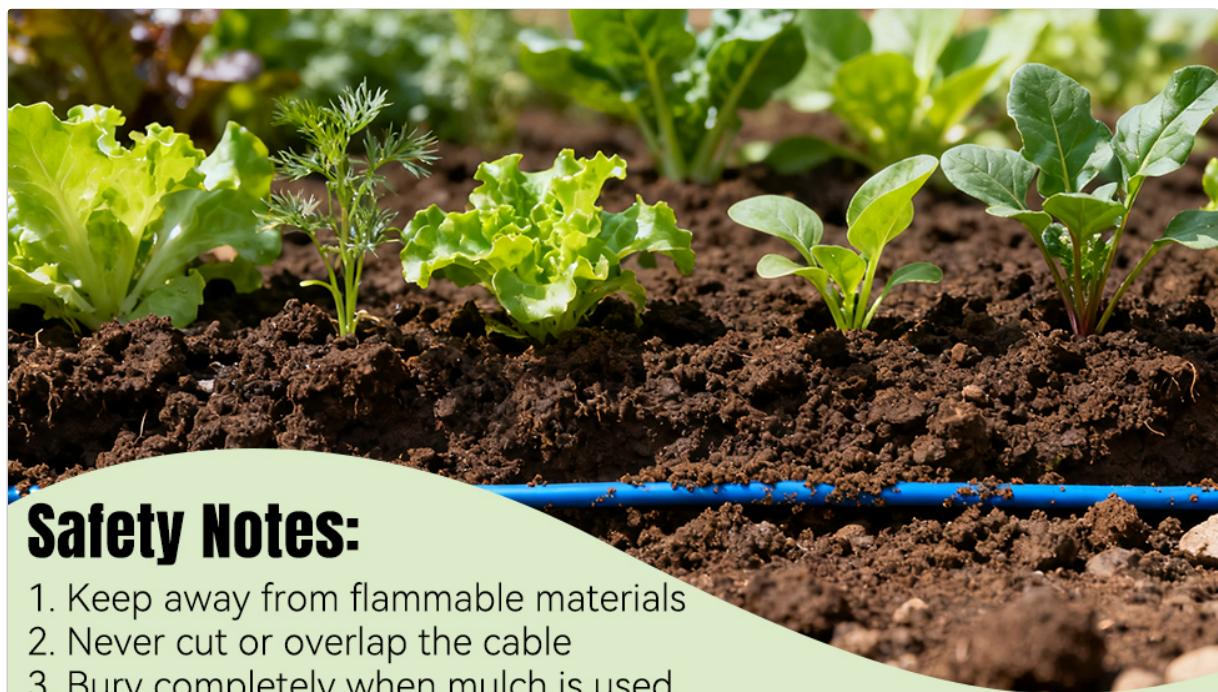
Image: An illustration detailing the internal components of the heating cable, highlighting the nickel-chromium alloy wire, FEP

insulation, and PVC jacket for enhanced security.

## VERSATILE APPLICATIONS

The Pawfly Soil Heating Cable is suitable for a variety of gardening and protective uses:

- **Garden Beds:** Provides consistent warmth for early planting and extended growing seasons.
- **Greenhouse Benches:** Ensures optimal temperatures for seedlings and delicate plants in controlled environments.
- **Cold Frames:** Protects plants from frost and allows for year-round cultivation.
- **Planting Containers:** Ideal for individual pots or trays, ensuring specific plants receive targeted warmth.
- **Pipe Protection:** Can be used to prevent water pipes from freezing in cold weather.
- **Roof Care:** Assists in preventing ice dams and snow accumulation on roofs.



## Safety Notes:

1. Keep away from flammable materials
2. Never cut or overlap the cable
3. Bury completely when mulch is used
4. Vent cold frames during warm spells

Image: Examples of the heating cable's versatile applications, including preventing ice on roofs, warming soil in a garden, and protecting pipes from freezing.

## WARRANTY & SUPPORT

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official Pawfly website. Keep your purchase receipt for warranty claims.