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› [EasyHeat AHB-112 12-Foot Pipe Heating Cable Instruction Manual](#)

Easy Heat AHB-112

EasyHeat AHB-112 12-Foot Pipe Heating Cable Instruction Manual

Model: AHB-112

1. INTRODUCTION

The EasyHeat AHB-112 Pipe Heating Cable is designed to prevent water pipes from freezing in cold weather conditions. This 12-foot pre-assembled cable operates at 84 watts and 120 volts, featuring an integrated energy-saving thermostat for automatic operation. It is suitable for both metal and plastic pipes, providing reliable freeze protection for various applications.

2. IMPORTANT SAFETY INFORMATION

WARNING: Failure to follow these instructions may result in fire, electric shock, or product damage.

- Always ensure the power supply is disconnected before installation or maintenance.
- This cable is designed for freeze protection of water pipes. Do not use for purposes other than intended.
- Do not overlap the heating cable on itself more than once, as this can cause overheating and damage to the cable or pipe.
- Install the heating cable before freezing temperatures occur. This product will not thaw already frozen pipes.
- Ensure the cable is protected from physical damage, including chewing animals. Damaged cables cannot be repaired and must be replaced.
- Use only with a properly grounded 120V AC outlet. The cable features a 2-foot 18/3 cold lead with a grounded plug.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

3. PACKAGE CONTENTS

- 1 x EasyHeat AHB-112 12-Foot Pre-Assembled Pipe Heating Cable

4. INSTALLATION INSTRUCTIONS

The AHB-112 cable is pre-assembled for easy installation. Follow these steps carefully to ensure proper function and safety.

1. **Prepare the Pipe:** Ensure the pipe surface is clean and dry.
2. **For Plastic Pipes:** If installing on plastic pipes, first wrap the pipe with aluminum foil tape. This helps distribute heat evenly and protects the plastic from direct contact with the heating cable.
3. **Attach the Cable:** Secure the heating cable along the length of the pipe using electrical tape rated for at least 80°C (176°F). Attach the cable every 6 inches to ensure firm contact with the pipe. Avoid overlapping the cable on itself more than once.
4. **Thermostat Placement:** The thermostat is located between the cold lead and the heating cable. Position the thermostat sensor directly against the coldest part of the pipe to ensure accurate temperature sensing. Do not place the sensor on the warmest part of the pipe.
5. **Insulate the Pipe:** After securing the cable, wrap the pipe and cable with at least 1/2-inch thick fiberglass pipe insulation. This insulation is crucial for energy efficiency and effective freeze protection.
6. **Waterproof the Insulation:** Cover the insulation with a waterproofing material, such as plastic wrap or duct tape, to protect it from moisture.
7. **Power Connection:** Plug the grounded power cord into a 120V AC grounded electrical outlet. Ensure the outlet is protected from weather and moisture if used outdoors.



This image displays the EasyHeat AHB-112 12-foot pipe heating cable, coiled and ready for use, alongside its product

packaging. The packaging illustrates the cable installed on a pipe with a valve, highlighting its application for freeze protection. The cable itself is black with orange components, including the plug and thermostat housing.

5. OPERATING INSTRUCTIONS

The EasyHeat AHB-112 pipe heating cable operates automatically via its integrated thermostat. There are no manual controls for activation or deactivation.

- The thermostat is designed to activate the heating cable when the pipe temperature drops to approximately 38°F (3.3°C).
- The cable will continue to heat the pipe until the temperature reaches approximately 45°F (7.2°C), at which point the thermostat will turn the heating element off.
- A power indicator light (if present on your model) will illuminate when the cable is actively heating.
- Ensure the cable remains plugged into a live, grounded outlet throughout the cold season for continuous protection.

6. MAINTENANCE

- Periodically inspect the cable and insulation for any signs of damage, wear, or deterioration.
- Ensure the cable remains securely attached to the pipe and that the insulation is intact and waterproof.
- Clean any debris or dirt from around the cable and thermostat area to ensure proper function.
- If the cable or its insulation is damaged, discontinue use immediately. Damaged heating cables cannot be repaired and must be replaced.

7. TROUBLESHOOTING

- **Cable Not Heating:**
 - Check if the cable is properly plugged into a live, grounded 120V AC outlet.
 - Verify that the thermostat sensor is placed on the coldest part of the pipe and that the ambient temperature is below 38°F (3.3°C).
 - Inspect the cable for visible damage. If damaged, replace the unit.
- **Pipe Still Freezing:**
 - Ensure the pipe is adequately insulated (at least 1/2-inch fiberglass insulation).
 - Confirm the cable is securely attached along the entire length of the pipe requiring protection.
 - Check that the thermostat sensor is correctly positioned and not influenced by warmer areas.
 - Remember, the cable will not thaw already frozen pipes; it must be installed before freezing occurs.

8. SPECIFICATIONS

Feature	Specification
Model Number	AHB-112
Heated Section Length	12 feet (3.66 meters)
Voltage	120 Volts AC

Wattage	84 Watts
Cold Lead Length	2 feet
Thermostat Activation	Turns on at approx. 38°F (3.3°C)
Thermostat Deactivation	Turns off at approx. 45°F (7.2°C)
Material	Tough PVC inner insulation, weather-resistant PVC outer jacket
Special Features	Anti-Freezing Protection, Pre-assembled, Grounded Plug

9. WARRANTY INFORMATION

This product comes with a manufacturer's warranty. Please refer to the product packaging or contact Easy Heat customer support for detailed warranty terms and conditions.

10. CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Easy Heat customer service. Contact information can typically be found on the product packaging or the manufacturer's official website.