

## Norlake 163758

# Norlake 163758 Cooler Heater Wire User Manual

**Brand:** Norlake | **Model:** 163758

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## 1. INTRODUCTION

The Norlake 163758 Cooler Heater Wire is a genuine OEM replacement part designed to prevent ice and frost buildup in commercial refrigeration units, such as coolers and freezers. This heater wire ensures the efficient operation of your refrigeration system by maintaining critical temperatures and preventing blockages caused by ice accumulation. It is engineered for safety, reliability, and performance in demanding commercial environments.

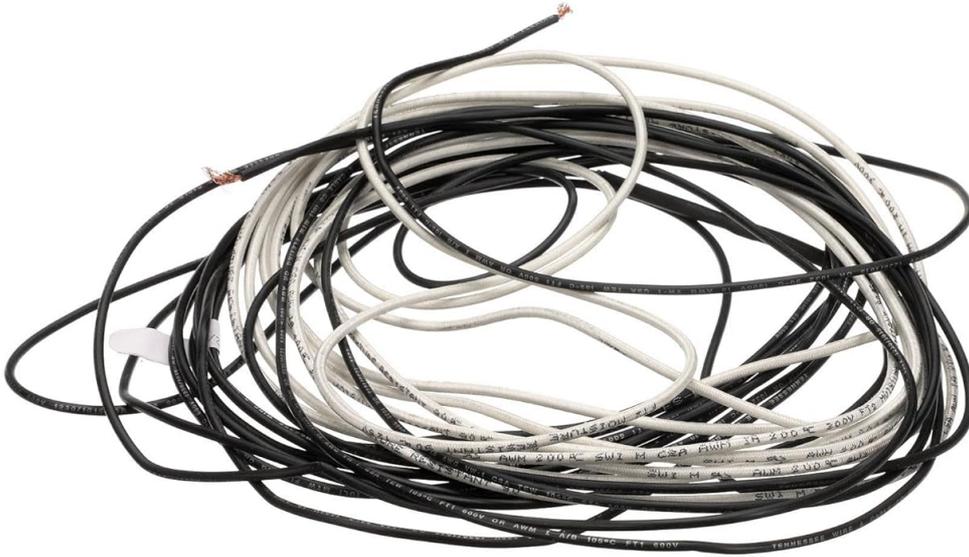


Figure 1: Norlake 163758 Cooler Heater Wire. This image shows the coiled heater wire, consisting of black and white insulated wires, ready for installation.

## 2. IMPORTANT SAFETY INFORMATION

**WARNING: Risk of Electric Shock. Installation and servicing should only be performed by qualified personnel.**

- Always disconnect power to the refrigeration unit before attempting any installation, maintenance, or repair.
- Ensure all wiring connections are secure and properly insulated to prevent electrical hazards.
- Do not modify the heater wire. Use it only as intended by the manufacturer.
- Inspect the wire for any damage before installation. Do not install if the wire insulation is cut, frayed, or otherwise compromised.
- Follow all local electrical codes and regulations during installation.

### 3. WHAT'S INCLUDED

Your package should contain the following item:

- One (1) Norlake 163758 Cooler Heater Wire replacement part.

### 4. SPECIFICATIONS

Attribute	Value
Model Number	163758
Brand	Norlake
Length	196 inches
Power Rating	2.4 Watts per Foot
Package Dimensions	9 x 9 x 8 inches
Item Weight	6.4 ounces
Manufacturer	Norlake
First Available	July 23, 2019

#### Key Features:

- Genuine OEM replacement part, ensuring compatibility and performance.
- Designed for high-quality refrigeration applications.
- Contributes to the safety, reliability, and overall performance of your unit.

### 5. SETUP AND INSTALLATION

Installation of the Norlake 163758 Cooler Heater Wire typically involves replacing an existing heater wire within a refrigeration unit. Due to the electrical nature of this component and the specific requirements of refrigeration systems, professional installation by a certified HVAC technician or electrician is highly recommended.

#### General Installation Steps (for qualified personnel):

1. **Disconnect Power:** Ensure the refrigeration unit is completely disconnected from its power source. Verify with a voltage tester.
2. **Access Heater Wire:** Locate and access the existing heater wire within the refrigeration unit, often found around door frames, drain pans, or other areas prone to ice buildup.
3. **Remove Old Wire:** Carefully disconnect and remove the old heater wire, noting its routing and connection points.
4. **Install New Wire:** Route the new Norlake 163758 heater wire in the same manner as the old one. Ensure it is securely fastened and positioned correctly to provide optimal heating.
5. **Make Connections:** Connect the new heater wire to the appropriate electrical terminals. Ensure all connections are tight and properly insulated using approved connectors and insulation materials.

- Secure and Test:** Secure any access panels or covers. Restore power to the unit and verify the heater wire is functioning correctly (e.g., by feeling for warmth in the heated areas after a short period).



Figure 2: Close-up view of the Norlake 163758 Cooler Heater Wire, showing the insulation and wire strands.

## 6. OPERATION

The Norlake 163758 Cooler Heater Wire operates automatically as part of your refrigeration unit's defrost or anti-sweat system. Once properly installed and connected to the unit's power supply, it will generate heat as needed to prevent condensation, ice formation, and maintain clear pathways for air circulation and drainage. No user intervention is typically required for its operation.

## 7. MAINTENANCE

Regular inspection of the heater wire and surrounding areas is recommended to ensure continued optimal performance.

- **Visual Inspection:** Periodically inspect the visible portions of the heater wire for any signs of wear, damage, fraying, or discoloration.
- **Check for Ice Buildup:** If ice or excessive condensation begins to form in areas previously protected by the heater wire, it may indicate a malfunction.
- **Cleanliness:** Ensure the areas around the heater wire are kept clean and free of debris that could impede its function or cause overheating.
- **Professional Check:** For commercial settings, include the heater wire in routine professional maintenance checks of the refrigeration system.

## 8. TROUBLESHOOTING

If you experience issues with ice buildup or condensation, consider the following common troubleshooting steps. For complex issues, consult a qualified technician.

Problem	Possible Cause	Solution
Excessive ice/frost buildup	Heater wire not receiving power or is faulty.	Check power connections. Test heater wire continuity (requires specialized tools and knowledge). Replace if faulty.
Wire feels cold when it should be warm	Open circuit in the wire or power supply issue.	Verify power to the circuit. Inspect wire for breaks. Consult a technician for electrical diagnostics.
Unit running constantly / high energy consumption	Heater wire stuck ON or other system issues.	This could indicate a problem with the defrost timer or thermostat. Consult a qualified technician.

## 9. WARRANTY INFORMATION

As a genuine OEM replacement part, the Norlake 163758 Cooler Heater Wire is typically covered by Norlake's standard warranty for replacement parts. Specific warranty terms and conditions may vary. Please retain your proof of purchase. For detailed warranty information, it is recommended to contact Norlake directly or refer to the documentation provided with your original refrigeration unit.

## 10. CUSTOMER SUPPORT

For technical assistance, replacement parts, or warranty inquiries regarding your Norlake 163758 Cooler Heater Wire, please contact Norlake customer support directly. Have your product model number (163758) and purchase information ready when you call.

You can find contact information for Norlake on their official website or through your original equipment supplier.

