Perlick 1008503

Perlick 1008503 Qc Control Replacement Kit 440 User Manual

Model: 1008503 | Brand: Perlick

INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of the Perlick 1008503 Qc Control Replacement Kit 440. This kit is a genuine OEM replacement part designed for specific Perlick equipment, ensuring proper function and compatibility. Please read this manual thoroughly before proceeding with installation or operation.

SAFETY INFORMATION

WARNING: Electrical shock hazard. Always disconnect power to the equipment before installing, servicing, or removing this control kit. Failure to do so can result in serious injury or death.

- Installation should only be performed by a qualified technician.
- Ensure all local and national electrical codes are followed.
- Do not operate the equipment with damaged wiring or components.
- Keep hands and tools clear of moving parts and electrical connections.

PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation.

- Qc Control Unit (Digital Controller)
- Temperature Sensor Probe
- Wiring Harness with connectors
- Power Adapter/Plug
- Mounting Hardware (if applicable, not explicitly listed but often included)

Figure 1: Overview of the Perlick 1008503 Qc Control Replacement Kit components.

SETUP AND INSTALLATION

This replacement kit is designed for specific Perlick equipment. Refer to your equipment's service manual for detailed, model-specific installation instructions. The following steps are general guidelines.

1. **Disconnect Power:** Ensure the Perlick equipment is completely disconnected from its power source.

2. **Access Control Area:** Locate and open the control panel or access area where the existing Qc control unit is installed.

3. **Document Existing Connections:** Before disconnecting, take clear photos or make detailed diagrams of all wiring connections to the old control unit. Note the position and color of each wire.

4. **Remove Old Unit:** Carefully disconnect all wires and the temperature sensor from the old control unit. Remove any mounting hardware and extract the old unit.

5. **Install New Unit:** Mount the new Perlick 1008503 Qc Control unit in the same location as the old one, using appropriate mounting hardware.

6. **Connect Wiring:** Following your documented connections, carefully attach the wiring harness to the new control unit. Ensure all connections are secure and correctly matched.

7. **Connect Temperature Sensor:** Insert the new temperature sensor probe into its designated location within the equipment. Connect the sensor wiring to the control unit.

8. **Secure Connections:** Double-check all electrical connections for tightness and proper insulation.

9. **Close Access Panel:** Securely close any access panels or control covers.

10. **Restore Power:** Reconnect power to the Perlick equipment.

Figure 2: Rear view of the control unit, highlighting wiring terminals.

OPERATION

The Perlick 1008503 Qc Control is a digital controller designed to monitor and regulate specific parameters within your Perlick equipment, typically temperature. Once installed and powered, the unit will display current readings and allow for parameter adjustments.

Basic Functions:

- **Display:** The front panel features a digital display showing the current measured value (e.g., temperature).
- **Buttons:** Typically, there are buttons for adjusting set points, navigating menus, and confirming selections. Common buttons include "SET", "UP", and "DOWN" or similar directional controls.
- **Set Point Adjustment:** To change the desired operating parameter (e.g., target temperature), press the "SET" button, use the UP/DOWN buttons to adjust the value, and press "SET" again to confirm.
- **Indicator Lights:** The unit may have indicator lights to show operational status, such as heating/cooling

cycles, alarms, or power.

For detailed programming and advanced operational settings, consult the specific user manual for the Perlick equipment in which this control kit is installed, as settings can vary.

Figure 3: Front view of the control unit, showing the display and buttons.

MAINTENANCE

The Perlick 1008503 Qc Control Replacement Kit is designed for reliable operation with minimal maintenance. However, periodic checks can help ensure longevity and proper function.

- **Cleaning:** Gently wipe the exterior of the control unit with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure no liquid enters the unit.
- **Wiring Inspection:** Periodically inspect all wiring connections for signs of wear, corrosion, or looseness. Ensure all connections remain secure.
- **Sensor Check:** Verify that the temperature sensor probe is clean and properly positioned within the equipment.
- **Environmental Conditions:** Ensure the control unit is operating within its specified environmental conditions (temperature, humidity) to prevent damage.

If any issues are observed during maintenance, refer to the Troubleshooting section or contact Perlick customer

support.

Troubleshooting

This section addresses common issues you might encounter with the Perlick 1008503 Qc Control. For complex problems, contact a qualified service technician.

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; loose wiring connection; faulty unit.	Check power source. Verify all wiring connections are secure. If power is present and connections are good, the unit may be faulty and require replacement.
Incorrect temperature reading.	Sensor improperly installed; faulty sensor; wiring issue.	Ensure the sensor is correctly positioned and clean. Check sensor wiring for damage or loose connections. Replace sensor if faulty.
Equipment not responding to control settings.	Incorrect set point; wiring issue to controlled component; faulty control unit.	Verify set points are correctly programmed. Check wiring from the control unit to the controlled component (e.g., compressor, fan). If all else fails, the control unit may be faulty.
Display shows error code.	Specific system fault.	Refer to the specific Perlick equipment service manual for a list of error codes and their corresponding solutions.

Figure 4: Side view of the control unit, illustrating wiring entry points.

SPECIFICATIONS

Feature	Detail
Product Type	Food Service Supply Replacement Part
Model Number	1008503
Brand	Perlick
Product Dimensions	8 x 7 x 0.2 inches
Product Weight	11.68 ounces
Shipping Package Dimensions	7.0" L x 9.0" W x 9.0" H
Shipping Package Weight	0.8 lbs
Country of Origin	United States
First Available	February 25, 2019

WARRANTY AND SUPPORT

For specific warranty information regarding the Perlick 1008503 Qc Control Replacement Kit 440, please refer to the documentation provided with your original Perlick equipment or contact Perlick customer service directly. As an OEM replacement part, its warranty typically aligns with the original equipment's terms.

For technical support, replacement parts, or service inquiries, please visit the official Perlick website or contact their authorized service providers.

Related Documents - 1008503

[Perlick 4400 Series Power Paks Installation and Operation Manual](#)
Comprehensive installation and operation guide for Perlick 4400 Series Power Paks, covering air-cooled and water-cooled models, specifications, installation procedures, start-up, maintenance, replacement parts, and wiring diagrams.

[Perlick DP32S/DS32S Single Keg Beer Dispenser Installation and Operation Manual](#)
Comprehensive installation, operation, cleaning, and troubleshooting guide for Perlick DP32S and DS32S single keg beer dispensers. Includes specifications, parts lists, and wiring diagrams.

[Perlick Flat Top Bottle Cooler BC Series: Installation and Operation Manual](#)
Comprehensive installation, operation, and maintenance guide for Perlick Flat Top Bottle Coolers, BC Series models (BC24, BC36, BC48, BC60, BC72, BC96). Includes specifications, safety, and replacement parts.

[Perlick 4400 Series Power Paks Installation and Operation Manual](#)
Comprehensive guide for installing, operating, and maintaining Perlick 4400 Series Power Paks, including specifications, troubleshooting, and replacement parts for air-cooled and water-cooled models.

[Perlick G5 Installation and Operation Manual](#)
This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of Perlick G5 undercounter refrigeration units. It covers safety precautions, electrical and plumbing requirements, unit leveling, door orientation, controls, and care for stainless steel surfaces.

[Perlick Stainless Steel Cleaning Guide: Best Practices for Commercial Equipment](#)
Comprehensive guide from Perlick Corporation on maintaining stainless steel equipment. Learn about preventing rust, cleaning methods, and recommended cleaners for commercial kitchens.