



[Manuals.plus](#) /

> [TRUE](#) /

> TRUE 800306 Cooler Control Unit Instruction Manual

TRUE 46-1329-800306

TRUE 800306 Cooler Control Unit Instruction Manual

Model: 46-1329-800306

1. INTRODUCTION

This manual provides comprehensive instructions for the proper installation, operation, and maintenance of the TRUE 800306 Cooler Control Unit. This unit is designed as a replacement part for TRUE beverage refrigerators and similar cooling systems, ensuring optimal temperature regulation.

Please read this manual thoroughly before attempting installation or operation to ensure safe and efficient use of the product.

2. SAFETY INFORMATION

Adhering to these safety guidelines is crucial to prevent personal injury and damage to the equipment.

- **Disconnect Power:** Always ensure the cooler's main power supply is completely disconnected before attempting any installation, maintenance, or servicing of the control unit. Failure to do so can result in electric shock.
- **Qualified Technician:** Installation and replacement of this control unit should only be performed by a qualified and experienced refrigeration technician. Improper installation can lead to system malfunction or safety hazards.
- **Electrical Codes:** All electrical work must comply with local and national electrical codes and regulations.
- **Inspect Wiring:** Do not operate the cooler if any wiring connected to the control unit appears damaged, frayed, or exposed. Replace damaged wiring immediately.
- **Avoid Moisture:** Keep the control unit dry. Exposure to water or excessive moisture can cause electrical shorts and damage.
- **Original Parts:** Use only genuine TRUE replacement parts to ensure compatibility and proper function.

3. SETUP AND INSTALLATION

This section outlines the general steps for installing the TRUE 800306 Cooler Control Unit. Specific wiring diagrams and procedures may vary based on your cooler model. Always refer to your cooler's service manual for

detailed instructions.

1. **Power Disconnection:** Before beginning, ensure the cooler is unplugged from the power outlet or the circuit breaker supplying power to the cooler is switched off.
2. **Access Control Panel:** Locate and carefully open the control panel housing the existing cooler control unit. This may involve removing screws or clips.
3. **Document Wiring:** Before disconnecting any wires, take clear photographs or make a detailed drawing of the existing wiring connections to the old control unit. Label each wire for easy identification.
4. **Remove Old Unit:** Carefully disconnect all wires from the old control unit. Then, unmount the old unit from its position.
5. **Install New Unit:** Mount the new TRUE 800306 Cooler Control Unit in the same designated location. Ensure it is securely fastened.
6. **Wire Connections:** Connect the wires to the new control unit according to your documented wiring diagram and the specific wiring diagram provided with your cooler's service manual. Double-check all connections for tightness and correctness.
7. **Secure Panel:** Once all connections are secure, close and fasten the control panel housing.
8. **Power Reconnection:** Reconnect the cooler's power supply.

Important: *If you are unsure about any step, consult a qualified refrigeration technician. Incorrect wiring can damage the unit or the cooler.*

4. OPERATING INSTRUCTIONS

The TRUE 800306 Cooler Control Unit is an internal component designed for automatic temperature regulation within your cooler. It typically does not have user-adjustable settings directly on the unit itself.

4.1. Basic Operation

Once correctly installed and powered, the control unit will automatically manage the compressor and other cooling components to maintain the set temperature of the cooler. Its operation is largely transparent to the end-user.

4.2. Temperature Adjustment

Temperature settings for your cooler are typically adjusted via an external thermostat or a digital control interface located on the exterior of the cooler. Refer to your specific cooler's user manual for instructions on how to adjust the temperature settings.

4.3. Indicator Lights (If Applicable)

Some control units may feature small indicator lights that signal power status, compressor operation, or error codes. The interpretation of these lights is specific to the cooler model. Consult your cooler's documentation for details on any indicator lights present.

5. MAINTENANCE

Proper maintenance ensures the longevity and reliable performance of your TRUE 800306 Cooler Control Unit.

- **Periodic Inspection:** Annually, or as part of routine cooler maintenance, inspect the control unit and its associated wiring. Look for any signs of wear, corrosion, loose connections, or physical damage.
- **Cleaning:** Ensure the area around the control unit is kept clean and free from dust, dirt, and debris. Accumulation of dust can hinder heat dissipation and affect performance. Use a dry, soft cloth or a soft brush to gently clean the unit. Do not use liquid cleaners.

- **Avoid Obstruction:** Ensure that airflow around the control unit is not obstructed, as proper ventilation is essential for its operation.
- **Professional Check:** Consider having a qualified technician perform a professional inspection of your cooler's electrical components, including the control unit, during routine service.

6. TROUBLESHOOTING

This section provides solutions for common issues you might encounter with your cooler that could be related to the control unit. For complex problems, always consult a qualified technician.

Problem	Possible Cause	Solution
Cooler not cooling at all	No power to the control unit or cooler.	Check power supply, wall outlet, and circuit breaker. Ensure the cooler is plugged in securely.
Cooler not cooling at all	Faulty wiring or loose connections to the control unit.	<i>(Power disconnected)</i> Inspect all wiring connections for tightness and correct placement. Re-wire if necessary, following the cooler's diagram.
Cooler not cooling at all	Control unit malfunction.	Contact a qualified refrigeration technician for diagnosis and potential replacement.
Cooler overcooling (too cold)	Control unit malfunction (e.g., stuck in 'on' position).	Contact a qualified refrigeration technician for diagnosis and potential replacement.
Cooler not maintaining set temperature	Control unit malfunction or faulty temperature sensor (if external).	Verify external thermostat settings. If issue persists, contact a qualified technician.

Warning: Do not attempt repairs beyond your technical capability. Always disconnect power before inspecting internal components.

7. SPECIFICATIONS

Key specifications for the TRUE 800306 Cooler Control Unit:

Brand: TRUE

Model Number: 46-1329-800306

Product Dimensions: Approximately 5 x 1 x 3 inches

ASIN: B0055ZF7NA

Date First Available: June 15, 2011

Application: Beverage Refrigerator Replacement Part

8. WARRANTY INFORMATION

The TRUE 800306 Cooler Control Unit is covered by a limited manufacturer's warranty. The specific terms, conditions, and duration of the warranty may vary. Please refer to the original purchase documentation or contact

TRUE customer support for detailed warranty information applicable to your region and purchase.

Generally, the warranty covers defects in materials and workmanship under normal use and service. It typically does not cover damage resulting from improper installation, misuse, neglect, accidents, unauthorized repairs, or modifications.

Retain your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

For technical assistance, inquiries about replacement parts, or warranty claims, please contact TRUE customer support.

TRUE Official Website: www.truemfg.com

Phone Support: Please visit the TRUE official website and navigate to the 'Contact Us' or 'Support' section to find the appropriate regional phone numbers.

When contacting support, please have your product model number (46-1329-800306) and the date of purchase readily available to expedite service.
