

## Anchilly PYST1H0555 PZSTS0G001K PZSTSOGOO1K PJEZS0G000

# Anchilly CAREL PYST1H0555 PZSTS0G001K PJEZS0G000 Temperature Controller User Manual

Comprehensive instructions for installation, operation, and maintenance.

## 1. PRODUCT OVERVIEW

The Anchilly CAREL PYST1H0555 PZSTS0G001K PJEZS0G000 Temperature Controller is designed for precise temperature regulation across various applications. This electronic thermostat provides a user-friendly interface for setting and monitoring temperature, ensuring efficient operation and potential energy savings. It is suitable for integration into refrigeration, air conditioning, and heating systems.

Key features include:

- **Precise Temperature Control:** Enables accurate temperature regulation for optimal system performance.
- **User-Friendly Interface:** Intuitive controls simplify temperature setting and monitoring.
- **Versatile Application:** Compatible with refrigeration, air conditioning, and heating systems.
- **Durable Construction:** Manufactured with high-quality materials for reliability in demanding environments.

## 2. SAFETY INFORMATION

**WARNING: Electrical Hazard. Failure to follow these instructions may result in electrical shock, fire, or serious injury.**

- **Disconnect Power:** Always disconnect the main power supply before attempting any installation, wiring, or maintenance procedures on the temperature controller.
- **Wiring Verification:** Before installation, carefully document the original wiring configuration (e.g., by taking a photograph). After installation, verify that the new wiring matches the original configuration precisely before restoring power. Incorrect wiring can cause damage to the unit or connected systems.

- **Qualified Personnel:** Installation and servicing should only be performed by qualified and authorized personnel.
- **Environmental Conditions:** Ensure the operating environment is within the specified temperature and humidity ranges to prevent malfunction.

### 3. INSTALLATION

#### 3.1 Unpacking and Inspection

Upon receiving the temperature controller, carefully unpack all components and inspect for any signs of damage during transit. Ensure all parts listed in the packing contents are present.

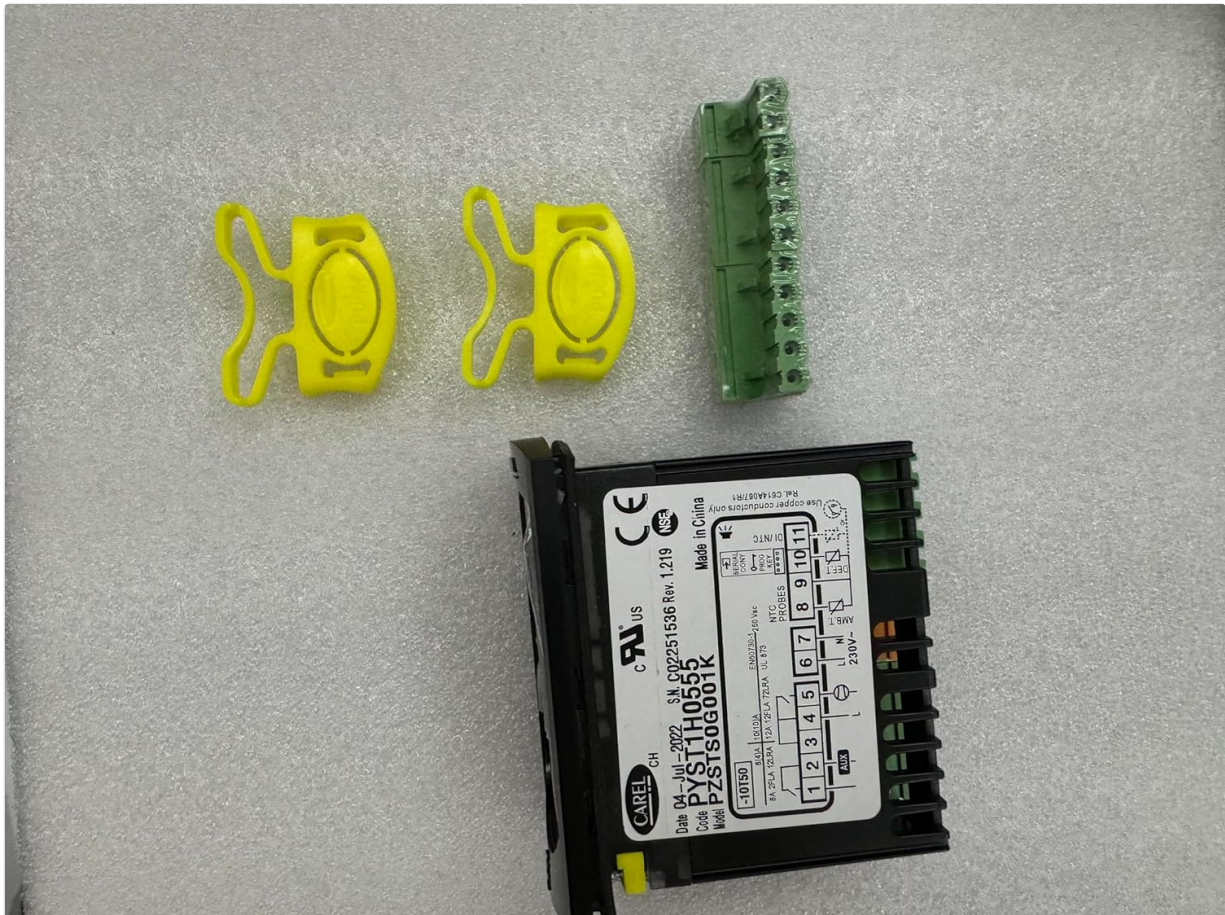


Figure 1: Temperature Controller and included accessories, including mounting clips and wiring.

#### 3.2 Mounting

The controller is designed for panel mounting. Ensure adequate space for ventilation and access to wiring terminals.



Figure 2: Front view of the temperature controller, illustrating the display and control interface.



Figure 3: Detailed view of the controller's front panel, highlighting the user interface buttons.

### 3.3 Wiring

Refer to the wiring diagram located on the top of the controller and the specific application requirements. Ensure all connections are secure and correctly terminated.



Figure 4: Top view of the controller, displaying the wiring diagram and terminal assignments.



Figure 5: Side view of the controller, showing the connection terminals.

#### Important Wiring Note:

- The working principle is an electronic thermostat.
- Power requirements: 250V10A.
- Temperature range of thermostat: 110°C.

## 4. OPERATING INSTRUCTIONS

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The Anchilly CAREL Temperature Controller features an intuitive interface for easy operation. Specific button functions and menu navigation will depend on the exact model and firmware version. Generally, the front panel includes buttons for power, setting parameters, and muting alarms.

### 4.1 Power On/Off

Press the **Power** button (usually marked with a circle and vertical line symbol) to turn the unit on or off.

### 4.2 Setting Temperature

To adjust the desired temperature, press the **SET** button. Use the up/down arrow buttons (if present) to modify the setpoint. Press **SET** again to confirm the new value.

## 4.3 Muting Alarms

If an alarm condition occurs, the controller may emit an audible alert. Press the **MUTE** button to silence the alarm. Address the underlying cause of the alarm promptly.

## 4.4 Display Information

The LCD display shows the current temperature and other operational parameters. Consult the detailed manual (if provided with the physical product) for specific display codes and their meanings.

# 5. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your temperature controller.

- **Cleaning:** Periodically clean the controller's exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Connections:** Annually inspect all electrical connections for tightness and signs of corrosion. Ensure power is disconnected before inspection.
- **Sensor Check:** Verify that temperature sensors are clean and properly positioned.
- **Firmware Updates:** If applicable, consult the manufacturer's website for any available firmware updates.

# 6. TROUBLESHOOTING

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If the temperature controller is not functioning as expected, consider the following basic troubleshooting steps:

- **No Power:** Check the power supply and all wiring connections. Ensure the circuit breaker is not tripped.
- **Incorrect Temperature Reading:** Verify the temperature sensor is correctly installed and not damaged. Ensure the sensor is appropriate for the application.
- **Controller Not Responding:** Try cycling the power to the unit. If the issue persists, re-check all wiring.
- **Alarm Activation:** Identify the alarm code on the display (if any) and refer to the product's detailed manual for specific alarm meanings and corrective actions.

For persistent issues, contact qualified service personnel or the manufacturer's support.

# 7. SPECIFICATIONS

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Feature	Specification
Brand	Anchilly
Model Numbers	PYST1H0555, PZSTS0G001K, PZSTSOGOO1K, PJEZS0G000
Working Principle	Electronic Thermostat
Power	250V10A
Operating Temperature Range	Up to 110°C (230°F)

Feature	Specification
Display Type	LCD
UPC	749691465421

## 8. PRODUCT VIDEO

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The following video provides a visual overview of the Anchilly CAREL Temperature Controller and its components.

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Video 1: Overview of the Temperature Controller and its accessories. This video demonstrates the physical appearance and included parts of the device.

## 9. WARRANTY AND SUPPORT

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For warranty information, technical support, or service inquiries, please refer to the documentation included with your product or contact Anchilly customer service. Protection plans may also be available for extended coverage.