MAXX Cold MXCDX27F.11

MAXX Cold X27F.11 Xr60C Thermostat Instruction Manual

Model: MXCDX27F.11

1. Product Overview

The MAXX Cold X27F.11 Xr60C Thermostat is a genuine Original Equipment Manufacturer (OEM) replacement part designed for refrigeration equipment. This thermostat ensures precise temperature control and reliable operation within compatible systems. It is approved by the original equipment manufacturer and intended for its specified use.



Figure 1: Maxx Cold X27F.11 Xr60C Thermostat. The unit features a digital display, 'SET' button, snowflake/fan button, up/down arrow buttons, and a power button. Wiring connections are visible at the top rear.

1.1 Package Contents

- 1 x MAXX Cold X27F.11 Xr60C Thermostat Controller

2. Safety Information

Read all instructions carefully before installation and operation. Failure to follow these instructions may result in property damage, personal injury, or death. This device operates with electrical power and should only be installed and serviced by qualified personnel.

- **Electrical Hazard:** Disconnect all power to the equipment before installing or servicing the thermostat.
- **Proper Use:** This thermostat is intended only for its designed and specified use as an OEM replacement part for MAXX Cold refrigeration equipment.
- **Installation:** Ensure all wiring connections comply with local and national electrical codes.
- **Environmental Conditions:** Do not expose the thermostat to excessive moisture, extreme temperatures outside its operating range, or corrosive environments.

3. Installation

Installation of the MAXX Cold X27F.11 Xr60C Thermostat should be performed by a certified technician. Refer to the specific wiring diagrams and installation instructions provided with your refrigeration unit for precise connection

details.

3.1 Mounting

1. Ensure the power supply to the refrigeration unit is completely disconnected.
2. Carefully remove the existing thermostat, noting all wiring connections.
3. Mount the new MAXX Cold X27F.11 Xr60C Thermostat into the designated panel opening.
4. Secure the thermostat using the appropriate fasteners or clips.

3.2 Wiring Connections

The thermostat features multiple terminals for power, sensors, and control outputs. Refer to the wiring diagram printed on the side of the thermostat unit and your refrigeration equipment's service manual for correct connections.

- **Power Supply:** Connect the main power supply wires to the designated terminals.
- **Sensor Inputs:** Connect temperature sensor probes to the appropriate sensor input terminals.
- **Control Outputs:** Connect wires for compressor, fan, and defrost heater control to their respective output terminals.

Note: *Incorrect wiring can damage the thermostat or the refrigeration unit. Always double-check connections before restoring power.*

4. Operating Instructions

The MAXX Cold X27F.11 Xr60C Thermostat is designed for intuitive operation. The front panel includes a digital display and several control buttons.

4.1 Basic Functions

- **Power Button ( ):** Press to turn the unit ON or OFF.
- **SET Button:** Used to view or modify the setpoint temperature and access programming parameters.
- **Up (▲) / Down (▼) Buttons:** Used to adjust values or navigate through menu options.
- **Defrost / Function Button (❄):** Initiates a manual defrost cycle or activates other specific functions depending on the programming.

4.2 Setting the Temperature

1. Press the **SET** button once. The current setpoint temperature will flash on the display.
2. Use the ▲ (Up) or ▼ (Down) buttons to adjust the temperature to the desired value.
3. Press the **SET** button again to confirm and save the new setpoint. The display will return to showing the actual temperature.

4.3 Manual Defrost

To initiate a manual defrost cycle, press and hold the❄ (Defrost) button for approximately 3 seconds. The defrost indicator will illuminate, and the unit will enter a defrost cycle. The cycle will terminate automatically or can be stopped by pressing and holding the defrost button again.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your thermostat.

- **Cleaning:** Periodically wipe the front panel with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect wiring connections for tightness and signs of wear or corrosion. Ensure the thermostat is securely mounted.
- **Sensor Check:** Verify that temperature sensors are clean and properly positioned for accurate readings.

Caution: *Always disconnect power to the refrigeration unit before performing any maintenance.*

6. Troubleshooting

This section provides solutions to common issues you may encounter.

Problem	Possible Cause	Solution
Display is blank	No power, loose wiring, faulty unit.	Check power supply. Verify wiring connections. If problem persists, consult a technician.
Incorrect temperature reading	Faulty sensor, sensor improperly placed, wiring issue.	Check sensor placement and wiring. Test sensor resistance if possible. Replace sensor if faulty.
Unit not cooling/heating	Setpoint incorrect, compressor/fan issue, wiring problem.	Verify setpoint. Check compressor/fan operation. Inspect control output wiring.
Error code displayed	Specific system fault.	Refer to the refrigeration unit's service manual for specific error code definitions and troubleshooting steps.

7. Specifications

Feature	Detail
Brand	MAXX Cold
Model Name	MXCDX27F.11
Item Model Number	MXCDX27F.11
Controller Type	HVAC thermostat
Color	Black
Special Features	Programmable, Low Battery Indicator, Low Voltage, Filter Indicator, Portable, Temperature Display, Lockable, Auto-Scheduling, Lightweight Design, Auto Changeover
Package Dimensions	9.37 x 5.94 x 3.07 inches
Item Weight	7.36 ounces
Manufacturer	MAXX COLD
ASIN	B01INLFTOE
Date First Available	July 18, 2016

8. Warranty and Support

As a genuine OEM replacement part, the MAXX Cold X27F.11 Xr60C Thermostat is subject to the manufacturer's standard warranty terms. For specific warranty details, technical support, or service inquiries, please contact MAXX Cold directly or refer to the documentation provided with your original refrigeration equipment.
You can find more information about MAXX Cold products by visiting the official MAXX Cold Store on Amazon.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question