

TRIPP LITE SRCOOL24K

Tripp Lite SRCOOL24K Spot Cooler Air Conditioner User Manual

Model: SRCOOL24K

INTRODUCTION

The Tripp Lite SRCOOL24K is a portable spot cooler air conditioner designed to provide 24,000 BTU/h (7 kW) of cooling capacity. This self-contained AC unit is suitable for primary cooling in small network closets, backup cooling in medium server rooms, or hot rack spot cooling in large data centers. It helps prevent equipment shutdowns and failures caused by overheating and temperature fluctuations by filtering and dehumidifying the air.

This manual provides essential information for the safe and efficient setup, operation, and maintenance of your SRCOOL24K unit.

IMPORTANT SAFETY INFORMATION

Read all instructions before operating the unit. Failure to follow these instructions may result in property damage, serious injury, or death. Keep this manual for future reference.

- Ensure the unit is connected to a standard 208/240V 20A AC outlet with a NEMA L6-20P plug.
- Do not operate the unit if the power cord or plug is damaged.
- Ensure proper ventilation and exhaust routing to prevent hot air recirculation.
- This product is not for sale in California, USA.

SETUP AND INSTALLATION

The SRCOOL24K unit is designed for easy installation and portability.

Unpacking and Inspection

Carefully unpack the unit and inspect for any shipping damage. Retain the packaging for future transport or storage.

Included Components

- SRCOOL24K SmartRack 24,000 BTU 208/240V Portable Air Conditioning Unit
- 2 Gray exhaust ducts
- 2 Black cooling ducts
- 2 Exhaust duct adapters
- 2 Adjustable exhaust panels
- 4 Self-tapping screws
- Dual cooling duct adapter
- Louvered vent insert (preinstalled)
- 2 Drainage plugs (preinstalled)
- ENVIROSENSE environmental sensor
- SNMP configuration cable
- Owner's manual

Placement

Roll the unit into place using its built-in casters. It fits into a 2 x 2-ft. (0.61 m) section of floor space. Position the unit to effectively cool the target area, such as a rack enclosure or equipment hot spot.



Figure 1: Tripp Lite SRCOOL24K Portable Air Conditioner with cooling and exhaust ducts.

Duct Installation

Attach the cooling ducts to direct cold air to specific hot spots. Use the exhaust kit to remove hot air from the room, routing it through a drop ceiling, window, or return duct. The unit includes all necessary parts for duct setup.

Power Connection

Connect the 6.5-ft. (1.98 m) power cord with the NEMA L6-20P plug to a standard 208/240V 20A AC outlet.

OPERATING INSTRUCTIONS

The SRCOOL24K features a user-friendly control panel and advanced network management capabilities.

Local Control Panel

The unit is equipped with an easy-to-read control panel that includes a digital display and diagnostic LEDs for local management. Adjust settings such as temperature and fan speed directly from this panel.

Automatic Operation

The SRCOOL24K supports unattended shutdown and startup, including automatic restarts after power failures, ensuring continuous operation in critical environments.

Network Management

The unit comes with a preinstalled Network Management Card (SRCOOLNET2LX) for remote monitoring and control. This card allows you to monitor temperatures, receive alerts, view logs, and adjust control settings from anywhere via SNMP, web browser, SSH, or Telnet.

An ENVIROSENSE remote sensor is included to monitor temperature and humidity up to 12-ft. (3.66 m) away, providing accurate environmental data for effective cooling management.

MAINTENANCE

The SRCOOL24K is designed for minimal maintenance.

- **Filter Cleaning:** Regularly check and clean the air filters to ensure optimal airflow and cooling efficiency. Refer to the detailed instructions in the owner's manual for filter removal and cleaning procedures.
- **Condensation Management:** The built-in evaporator expels condensation through the exhaust tube, eliminating the need for a floor drain or water collection tank. Ensure the exhaust tube is clear and unobstructed.
- **No Professional Maintenance Required:** This unit does not require external condenser, refrigerant piping, or professional maintenance for standard operation.

TROUBLESHOOTING

If the unit is not operating as expected, perform the following basic checks:

- **No Power:** Verify the power cord is securely plugged into a functional 208/240V 20A AC outlet. Check the circuit breaker.
- **Insufficient Cooling:** Ensure all cooling and exhaust ducts are properly installed and unobstructed. Check that the air filters are clean. Verify the ambient temperature is within the unit's operating range.
- **Error Codes:** Consult the owner's manual for a list of diagnostic LED codes and their corresponding troubleshooting steps.

- **System Lock:** If the control panel is unresponsive, check if the system-lock function is enabled. This feature disables other buttons to prevent accidental input.

For persistent issues or advanced diagnostics, please contact Tripp Lite technical support.

SPECIFICATIONS

Feature	Specification
Brand	TRIPP LITE
Model Number	SRCOOL24K
Cooling Power	24,000 British Thermal Units (7 kW)
Voltage	208/240 Volts
Power Source	AC (NEMA L6-20P plug)
Product Dimensions (D x W x H)	21.7"D x 20.5"W x 38.2"H
Item Weight	79550 Grams
Noise Level	65 Decibels
Refrigerant	R 410A
Installation Type	Portable
Control Method	App (via Network Management Card)
Special Feature	Portable, Network Management Card Preinstalled

WARRANTY INFORMATION

This Tripp Lite SRCOOL24K unit is covered by a **1-Year Limited Manufacturer's Warranty**. Please refer to the warranty documentation included with your product for full terms and conditions. Keep your proof of purchase for warranty claims.

TECHNICAL SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact Eaton's expert technical support team. Support is available via phone, web, and email. Refer to the contact information provided in your product packaging or on the official Tripp Lite website.