Portable AC Unit for Server Rooms - 12,000 BTU, 120V

MODEL NUMBER: SRCOOL12K

Use Tripp Lite's SRCOOL12K portable air conditioner to cool small server rooms and network closets, or to spot cool a hot rack in a data center.

Features

Portable Close-Coupled Cooling with Customer-Inspired Upgrades for Better Performance
Tripp Lite's award-winning SRCOOL12K, now in its second generation, is a portable, compact, self-contained air conditioning unit designed for server rooms, small network closets, back offices and other areas with heat-sensitive network switches and servers that facility air conditioning can't reach. Design improvements based on customer feedback include upgraded commercial-grade components designed to last longer, including an upgraded hot air exhaust fan. The SRCOOL12K Gen 2 also boasts robust packaging for better protection from shipping damage and an updated two-year warranty.

12,000 BTU of Cooling Power Protects Your Equipment Against Hazardous High Heat
This SmartRack® server room air conditioner pumps 12,000 BTU (3.5kW) of cooling into your IT environment to help prevent shutdowns, malfunctions and other failures caused by overheating or fluctuating temperatures. It uses environmentally friendly R410A refrigerant to comply with worldwide standards. An easy-to-read control panel with diagnostic LEDs provides convenient local management.

Rack/Spot AC Unit Focuses Cold Air Where It's Most Needed
Close-coupled air-conditioning delivers cold air near heat loads to discourage recirculation and increase energy efficiency. An included 71-inch flexible hose lets you aim the cold air to a specific spot, such as an overheated server rack or an equipment hot spot. Hot air exits through a window or drop ceiling via an included exhaust kit. An upgraded hot air exhaust fan maintains effectiveness even under a high heat load. The unit also dehumidifies and filters the air, providing better air quality that can enhance operating conditions and equipment reliability.

Commercial-Grade Components for Reliable Performance
With a 100-percent duty cycle, the SRCOOL12K can run continuously without costly downtime. It uses copper tubing that is stronger than the aluminum tubing used in most consumer cooling units. The copper allows higher pressures and better weld joints to stand up to the constant vibration of the running compressor.

Built-In Evaporator Ensures No Water Collection Tank to Empty
The evaporator expels the condensed water through the directional exhaust duct, eliminating the need for a drain tube, drain pan or water collection tank and saving you time and money. No external condenser, refrigerant piping or professional maintenance is required for simple operation. Upgraded firmware allows the compressor to cycle on and off while the evaporator fan stays on to prevent icing in high-humidity environments.

Highlights

- 12,000 BTU (3.5kW) of cooling capacity protects vital equipment against overheating
- IT-grade hot air exhaust fan stays effective even under a high heat load
- Built-in evaporator for drip-free operation—no need to empty water collection tanks
- Self-contained design with no plumbing or special circuits—easy setup by almost anyone
- 100% duty cycle keeps your equipment constantly cool with no downtime

Applications

- Cool an overheated network cabinet, server rack or EdgeReady™ micro data center
- Use the included louvered vent to cool a small server room, back office or network closet, up to 500 sq. ft.
- Add supplemental cooling when additional equipment overwhelms existing cooling systems

Package Includes

- SRCOOL12K Portable Server Rack AC Unit, Gen 2
- Louvered front vent insert
- Duct adapters
- Cold-air flexible duct
- Hot-exhaust duct

Add an Optional Remote Management Accessory for 24/7 Monitoring and Control
Install the optional SRCOOLNETLX network module (sold separately) to monitor temperatures, receive alerts, review logs and control settings from anywhere, anytime, via SNMP, web browser, SSH, telnet or command line interface. The built-in LX Platform's PowerAlert® Device Manager provides a single interface to cycle the connected air conditioner on and off, adjust its fan speed, change its target set point temperature and switch to dehumidification mode.

Designed for Simple Plug-and-Play Installation by Almost Anyone
The self-contained SRCOOL12K requires no disruptive installation projects or costly service calls from plumbers or HVAC specialists. It rolls on four casters into a compact 12 x 20 inch area. The 6-foot power cord's NEMA 5-15P plug with leakage current protection connects to a standard AC outlet. The unit is programmed to restart automatically after power failures, and a built-in timer allows unattended shutdown and startup. An upgraded motor-start capacitor with a larger capacity ensures a dependable startup.

2-Year Warranty
The SRCOOL12K is backed by a robust 2-year warranty, ensuring reliability and performance.

- Window/drop-ceiling heat-ventilation kit
- Drainage plugs
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332145765

INPUT	
Nominal Input Voltage(s) Supported	120V AC
Electrical Consumption	1400 Watts Max
Input Connection Type	NEMA 5-15P
Input Frequency	60 HZ
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83

COOLING	
Cooling Type	Active

USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Touch sensitive control panel with multiple LEDs and numerical temperature readout

PHYSICAL	
Color	Black
Form Factors Supported	Tower
Material of Construction	ABS
Shipping Dimensions (hwd / cm)	73.66 x 39.12 x 84.07
Shipping Dimensions (hwd / in.)	29.00 x 15.40 x 33.10
Shipping Weight (kg)	36.74
Shipping Weight (lbs.)	81.00

Unit Dimensions (hwd / cm)	77.8 x 30 x 50.5
Unit Dimensions (hwd / in.)	30.63 x 11.81 x 19.88
Unit Weight (kg)	33.52
Unit Weight (lbs.)	73.9
ENVIRONMENTAL	
Cooling Capacity	12,000 BTU / 3.5 kW
SPECIAL FEATURES	
Dehumidifier	2.5 liters/ hour
Compressor Type	Rotary
Refrigerant	R410a (Environmentally friendly, Non ozone depleting)
Refrigerant Amount	22 oz.
Airflow	Evaporator = 329 CFM / Condenser = 311 CFM
Amp Draw Nominal	10.5A
Sound Level (Noise)	57dB
Air Supply Tube Length	71 inches
Air Exhaust Tube Length	118 inches
Air Exhaust Tube Diameter	5.16 inches
STANDARDS & COMPLIANCE	
Certifications	Tested to UL484; CSA, RoHS
WARRANTY	
Product Warranty Period (U.S. & Canada)	2-year limited warranty
Product Warranty Period (Latin America)	1-year limited warranty
Product Warranty Period (International)	1-year limited warranty
Product Warranty Period (Mexico)	1-year limited warranty
Product Warranty Period (Puerto Rico)	1-year limited warranty