Portable AC Unit for Server Rooms - 12,000 BTU (3.5 kW), 120V

MODEL NUMBER: **SRCOOL12K**







Not for sale in California, USA; for sales in California, see model SRCOOL12KE
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 Performanceaward-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
- Window/drop-ceiling heat-ventilation kit
- Drainage plugs
- Owner's manual

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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. ***Note****: 2-year warranty available in U.S. and Canada only. One-year warranty available elsewhere.*

Specifications

OVERVIEW	
UPC Code	037332145765
INPUT	
Electrical Consumption (Max)	1400 Watts
Nominal Input Voltage(s) Supported	120V AC
Nominal Input Voltage Description	120V AC 60 Hz
Input Connection Type	NEMA 5-15P
Input Plug Features	NEMA 5-15P
Voltage Compatibility (VAC)	120
Input Frequency	60 HZ
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
OUTPUT	
Frequency Compatibility	60 Hz
COOLING	
Airflow	Evaporator = 329 CFM / Condenser = 311 CFM
Cooling Type	Active
Cooling Capacity (BTUs)	12000
Cooling Capacity (kW)	3.5
Refrigerant	R410a (Environmentally friendly, Non ozone depleting)
Refrigerant Amount	15.5 oz

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Equivalent Room Size	258.3 sq. ft. (24 sq. m.)
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Touch sensitive control panel with multiple LEDs and numerical temperature readout
PHYSICAL	
Color	Black
Material of Construction	ABS
Form Factors Supported	Tower
Shipping Dimensions (hwd / in.)	29.00 x 15.40 x 33.10
Shipping Dimensions (hwd / cm)	73.66 x 39.12 x 84.07
Shipping Weight (lbs.)	78.46
Shipping Weight (kg)	35.59
Unit Dimensions (hwd / in.)	30.630 x 11.810 x 19.880
Unit Dimensions (hwd / cm)	77.8 x 30 x 50.5
Unit Weight (lbs.)	71.36
Unit Weight (kg)	32.37
FEATURES & SPECIFICATIONS	
Air Supply Tube Length	71 inches
Air Exhaust Tube Length	118 inches
Air Exhaust Tube Diameter	5.16 inches
Compressor Type	Rotary
Dehumidifier	2.5 liters / hour
Sound Level (Noise)	57dB
Amp Draw Nominal	10.5A
STANDARDS & COMPLIANCE	
Product Certifications	CSA (Canada); UL 484
Product Compliance	RoHS
WARRANTY & SUPPORT	
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

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Product Warranty Period (Puerto Rico)	1-year limited warranty

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